



THE ENTIRE RANGE OF LAMPS AT A GLANCE

LED LAMPS FROM LEDVANCE

September 2022



LEDVANCE: ADVANCING LIGHT

BAD LIGHT RUFFLING YOUR FEATHERS? PLAY IT SAFE WITH LED LAMPS FROM LEDVANCE.

With over 100 years of experience in general lighting, LEDVANCE combines traditional lighting technology with pioneering lighting innovations for almost any application. In addition to this unique know-how, we particularly rely on long-term customer relationships and a strong global sales network.

As technology trend experts, we are leading the way in meeting the rapidly changing demands for high-quality and long-lasting light. And as a strong local partner, we are always reliably at your side in over 140 countries.

Whether it's luminaires, lamps, our LED Strip System or state-of-the-art light management solutions, our teams of specialists are focused on the specific needs of our customers. We are making a decisive contribution to increasing your competitiveness with technical innovations and easy-to-use, intelligent lighting solutions compliant with EU regulations.

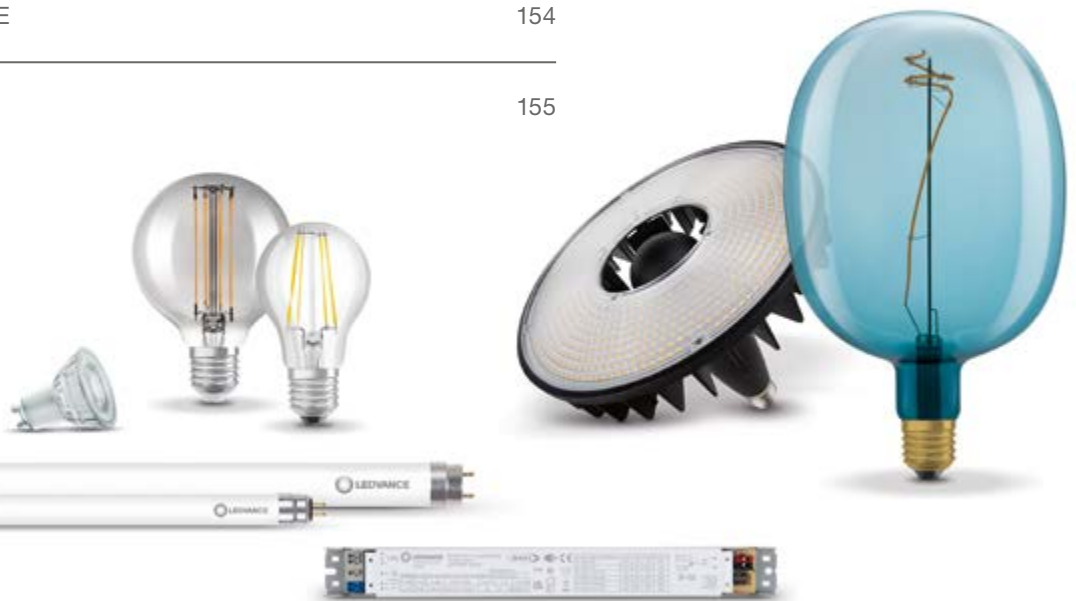
LEDVANCE boasts an extensive portfolio of LED lamps designed for the most varied applications and requirements of lighting professionals and customers. There are many good arguments in favor of LED lamps in the LEDVANCE product range: high energy efficiency, up to CRI 97 and a guarantee of up to five years¹. We always focus on the benefit for you as a lighting professional. That's why we do everything we can to make our products and systems particularly easy to plan, install and combine. Based on these principles, we will continue to develop sophisticated products and provide you with optimum support in your personal fight against bad light.



¹For further information and exact guarantee conditions, please visit www.ledvance.com/guarantee

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The pictures in the brochure are for illustration purposes only. All the technical parameters apply to the entire LED module. In view of the complex manufacturing process for light emitting diodes, the typical values given above for the technical LED parameters are merely statistical values that do not necessarily correspond to the actual technical parameters of an individual product; individual products may vary from the typical values.

SETTING TRENDS WITH HIGHLIGHTS FROM THE NEW RANGE OF LEDVANCE LAMPS

The LEDVANCE LED lamp portfolio has been completely revised and significantly expanded, continuing the trend in replaceable light sources and the circular economy. For the first time, it includes a perfectly matched dimmable system comprising an LED tube and external DALI-2 driver.

The LEDVANCE range therefore now offers even more easy-to-install LED retrofit solutions that meet all the legal requirements and the current and future needs of your customers. It's easier for you than ever to replace traditional, inefficient lamps and fluorescent tubes. These new products are sustainable on all levels as they not only save energy, CO₂ and therefore costs but also cut down on electrical waste. Stay up to date with the latest developments in lighting. Discover how LED highlights from LEDVANCE will enhance your lighting projects and make your business successful, sustainable and future-proof.



01

PERFOR-
MANCE
CLASS

01 LED TUBE EXTERNAL SYSTEM

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Matched dimmable system comprising an LED tube and external DALI-2 driver. The SELV driver (Safety Extra Low Voltage) supplies the LED tube externally with the optimum constant current. Its DALI-2 interface can also be used for push-dim functionality:

- Multiwatt driver: one driver for all LED TUBE EXTERNAL with integrated dimming and control function; the LED tube operating current can be set directly via DIP switches
- Can be integrated in light management systems via the DALI-2 interface
- Matched LED tube/driver system, no need for a compatibility check
- ENEC-certified SELV driver (Safety Extra Low Voltage); output-side protection against electric shock
- Can be used in emergency lighting
- No additional energy losses due to EM/ECG control gear

02

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02 HID LED Highbay Universal

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This LED lamp illuminates large high bay production and warehouse facilities uniformly and efficiently:

- High efficiency of up to 156 lm/W
- Replacement for traditional 250 W and 400 W HID lamps
- Can be operated on CCG, compensation capacitor, igniter or mains voltage
- New low-glare optics and new design
- Available with 14 000 lm, 21 000 lm and 25 000 lm

03 HQL LED LAMP SHADE: ACCESSORIES FOR HQL LED LAMPS

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Better quality of life for residents. The accessories shield the street lights from shining into houses, thereby reducing disturbance to day/night rhythms:

- Very easy to install on the lamp and to turn in the required direction in the luminaire
- Available for 2 000 lm, 3 000 lm, and 4 000 lm HQL LED lamps



03



04



06



05



07/08



09

06 VINTAGE PORTFOLIO IN NEW DESIGNS

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138–142

Retro is very much in fashion. The attractive Vintage LEDVANCE lamps are ideal either in open luminaires or in simple fittings as luminaires themselves:

- New special and decorative shapes and colors
- More DIM types

07 FACILITY LAMPS

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Designed for AC/DC and emergency power systems and with very long lives, LEDVANCE FACILITY lamps are ideal for public buildings, stairwells, corridors, emergency exits and basements:

- Identical successors to OSRAM DULUX FACILITY lamps
- Perfect for combining with motion sensors
- High switching cycles

04 LEDVANCE BRANDED CLASSIC LAMPS WITH ENERGY LABEL A

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42–44

High-tech LED lamps in classic bulb shapes with E27 base – the CLASSIC range from LEDVANCE combines traditional design with future-proof technology:

- Super-efficient light with up to 60 % energy savings
- Long service life even with frequent on/off switching
- Energy Label A products are available in these shapes:
 - Classic A/Globe and Edison
 - Classic A Clear/Frosted: 40 W/60 W/75 W and 100 W
 - Globe Clear and Frosted: 60 W
 - Edison Clear: 60 W

05 LEDVANCE BRANDED LED COMFORT LIGHT PORTFOLIO

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45–51
73
76–80

Available in classic bulb, tubular or reflector lamp shapes, the lamps in the LED COMFORT LIGHT portfolio from LEDVANCE offer real added value in terms of quality of light and visual comfort:

- Less eye strain thanks to smaller blue component
- Natural spectrum with color rendering of CRI > 90
- Reduced flicker and stroboscopic effects

08 LOW-VOLTAGE LAMPS

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68

Ideal for mobile luminaires – low-voltage lamps are always the right choice away from a mains power supply:

- Suitable for off-grid locations such as camp sites, garden sheds and boats and for use with solar panels (AC/DC 12–36 V compatible)

09 SPECIAL LAMPS

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127–129

Special lamps for special applications, ranging from refrigerator lamps to signal lamps:

- Additional G9 frosted version
- New optics
- Plastic material for reduced cost



THE BEST TIME TO CHANGE IS NOW!

EU-COMPLIANT LED SOLUTIONS FROM LEDVANCE



THE SITUATION MORE EFFICIENCY FOR OUR CLIMATE

As a measure against climate change, the EU aims to reduce CO₂ emissions in buildings by 30 % by 2030. What's more, the EU RoHS Directive is further restricting exceptions for mercury in light sources. As a result, mercury-containing and inefficient lamps may gradually no longer be placed on the market during 2023.

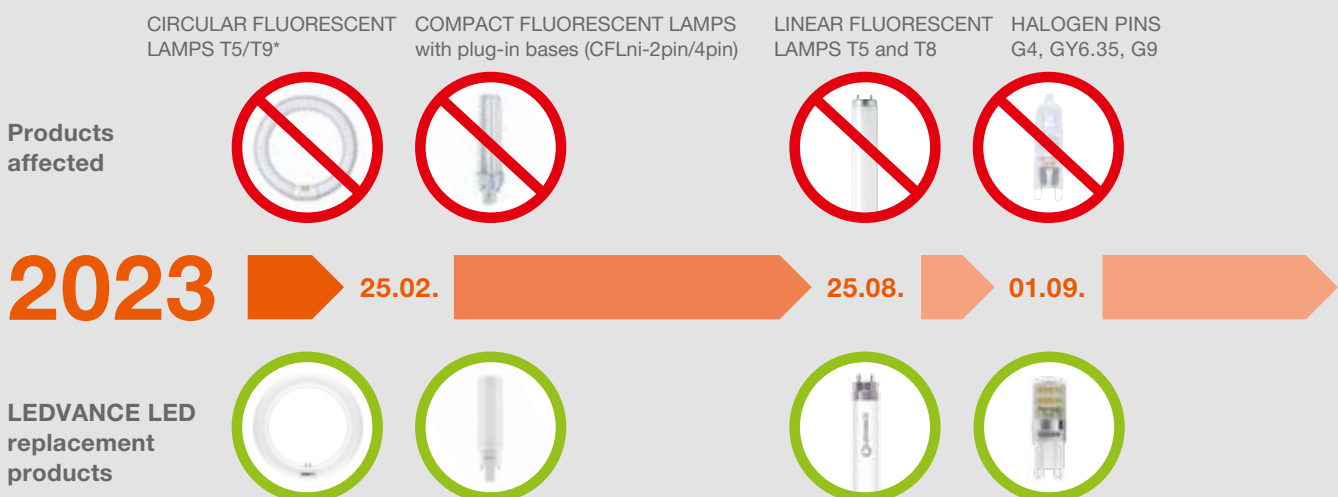


THE CHALLENGE SWITCHING TO LED

LED technology is efficient, versatile and future-proof. However, the switch from outdated T5/T8 fluorescent tubes and CFLni compact fluorescent lamps to innovative LED alternatives in existing lighting systems does not always work as a straightforward retrofit – local conditions differ too much.

GOODBYE FLUORESCENT LAMP. HELLO LED.

The lamp ban 2023 is approaching. So play it safe and switch to EU-compliant and energy- and cost-efficient LED solutions from LEDVANCE now.



*T9 phase-out by LEDVANCE



THE SOLUTION LAMP REPLACEMENT OR NEW LUMINAIRE

In LEDVANCE, you have a lighting partner at your side who offers you a convincing alternative for your situation and supports you in finding solutions – from direct replacement and rewiring to upgrades and new installations.

This gives you peace of mind for always having the right answer to lamp bans, climate change and energy shortages – and at the same time allows you to successfully participate in the market.



A detailed overview of the lamp ban 2023 can be found at:
ledvance.com/lampban2023



4 OPTIONS FOR ALL SITUATIONS – HOW TO SWITCH

SOLUTIONS WITH LED TUBES

RETROFIT



Simple 1:1 replacement:

- Wide range of LED tubes for easy, quick and safe lamp replacement
- No rewiring necessary
- As a replacement for fluorescent tubes operated on CCG or compatible ECG
- Find the right LED tube in just a few steps with the handy Tube Finder



Go directly to the Tube Finder:
ledvance.com/tubefinder

CONVERSION



If there is no retrofit alternative or if the customer values maximum energy savings and low maintenance, rewiring is the solution.

1. LED tube on mains voltage:

Particularly quick and application-oriented with the conversion kit and the matching range of T5 and T8 LED tubes

2. LED Tube External System: T5/T8 LED tube and external driver:

The perfect solution for switching from old fluorescent lamps and dimmable DALI control gear to efficient and dimmable LED technology.

SOLUTIONS WITH LED LUMINAIRES

UPGRADE



Upgrade using the luminaire-in-luminaire principle:

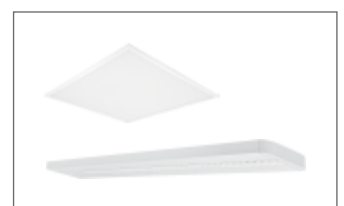
- LINEAR MAGNETIC BATTEN T5 upgrade kit for existing T5 and T8 metal louver luminaires
- Positioning and mounting using adjustable magnets
- Quick, tool-free rewiring thanks to connector box
- Designed for use with T5 AC LED tubes
- Available in three different lengths

NEW INSTALLATION



Complete replacement with modern LED luminaires:

- Large range of innovative luminaires for new construction or renovation projects
- Attractive design and high quality
- High functionality for intelligent lighting control
- Long life and maximum potential for energy savings



SOLUTION-BASED APPROACH WITH THE LEDVANCE LED TUBE EXTERNAL SYSTEM

In line with the EU RoHS Directive, T5/T8 fluorescent lamps may no longer be placed on the market after August 2023. LEDVANCE already offers a broad portfolio of LED tubes as replacements for fluorescent tubes. However, there may be situations in which LED RETROFIT tubes reach their limits and are not suitable as replacements. In such cases, the new LED Tube External System is the right solution for you.

CHALLENGE 1: RETAIN EXISTING DALI CONTROL

Your customer wants to convert a dimmable DALI-controlled fluorescent installation to LED technology.

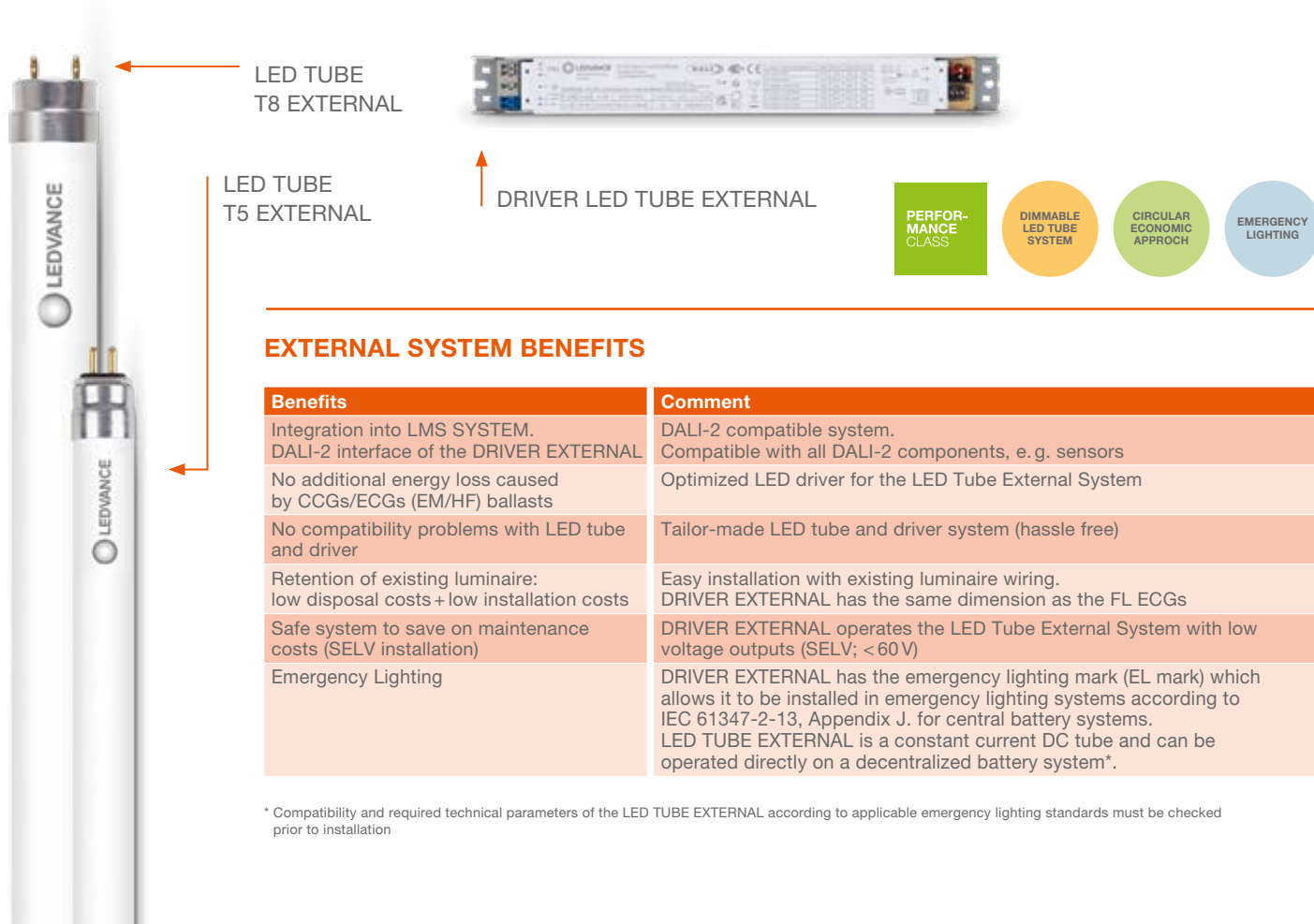
CHALLENGE 2: COMPATIBILITY

Your customer wants to switch to LED tubes but there are compatibility problems with the existing ECGs, or individual ECGs may be faulty.

THE SOLUTION TO YOUR PROBLEMS: THE LED TUBE EXTERNAL SYSTEM FROM LEDVANCE

LEDVANCE makes your work switching to LED tubes even easier because now there is a compelling answer to the challenges mentioned above: our LED Tube External System consisting of an LED tube and external driver.

- For converting old fluorescent lamp systems with dimmable DALI control to LED technology
- For designing new luminaires with replaceable lighting components according to the concept of the circular economy
- For upgrading emergency lighting systems with LED tubes



EXTERNAL SYSTEM BENEFITS

Benefits	Comment
Integration into LMS SYSTEM. DALI-2 interface of the DRIVER EXTERNAL	DALI-2 compatible system. Compatible with all DALI-2 components, e.g. sensors
No additional energy loss caused by CCGs/ECGs (EM/HF) ballasts	Optimized LED driver for the LED Tube External System
No compatibility problems with LED tube and driver	Tailor-made LED tube and driver system (hassle free)
Retention of existing luminaire: low disposal costs + low installation costs	Easy installation with existing luminaire wiring. DRIVER EXTERNAL has the same dimension as the FL ECGs
Safe system to save on maintenance costs (SELV installation)	DRIVER EXTERNAL operates the LED Tube External System with low voltage outputs (SELV; < 60 V)
Emergency Lighting	DRIVER EXTERNAL has the emergency lighting mark (EL mark) which allows it to be installed in emergency lighting systems according to IEC 61347-2-13, Appendix J. for central battery systems. LED TUBE EXTERNAL is a constant current DC tube and can be operated directly on a decentralized battery system*.

* Compatibility and required technical parameters of the LED TUBE EXTERNAL according to applicable emergency lighting standards must be checked prior to installation

LEDVANCE LED TUBE EXTERNAL SYSTEM: DIMMABLE, REPLACEABLE, UNBEATABLE PERFORMANCE

The new LEDVANCE LED Tube External System changes all this because it is a direct replacement for the tube and control gear in existing fluorescent tube systems. The luminaire and DALI control line can continue to be used. Of course, the system can also be operated with push DIM or

without a control signal as an ON/OFF version. The advantages are obvious. The new LEDVANCE LED Tube External System is sustainable, cost-effective and easy to install.

FEATURES LEDVANCE LED TUBE EXTERNAL SYSTEM

LED TUBE T5/T8 EXTERNAL

- Dimmable constant current LED tube
- Shatter protection thanks to special PET coating
- No bending thanks to glass tube
- Very high resistance to switching loads
- 4000 K/6500 K; 1.2 m/1.5 m
- Lifetime up to 50 000 h
- 5 year guarantee
- Mercury-free and RoHS-compliant
- Linear lighting for industry, offices, warehouses and retail outlets

DRIVER LED TUBE EXTERNAL

- Multit Watt constant current SELV driver (1-channel and 2-channel version)
- High flexibility due to adjustable output currents via dip switch, fit for all T5 and T8 LED TUBE EXTERNAL
- DALI-2.0 interface for dimming and sensor operations
- Push DIM application for easy control
- Installation in emergency lighting systems according to IEC 61347-2-13, Appendix J
- ENEC mark
- Lifetime up to 100 000 h
- 5 years guarantee

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More information: www.ledvance.com/ext-system



REPLACEMENT OF FLUORESCENT SYSTEM WITH LED TUBE EXTERNAL SYSTEM



LED SOLUTIONS FOR SUCCESSFUL LIGHTING PROJECTS

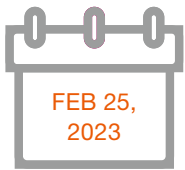
With LED tubes, LED luminaires and intelligent lighting solutions from the LEDVANCE range you're always on the winning side. The comprehensive product portfolio makes it easy for you to switch to innovative LED technology for virtually any application.

Significant energy and CO₂ savings, high-quality of light, guarantees of up to 5 years and, not least, environmentally friendly packaging are unbeatable arguments for your customers. But there are also benefits for you.

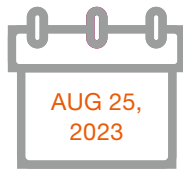
If you play in the right team, you won't lose because of the European RoHS Directive – you'll win every time. If you opt for retrofits or conversions with LED tubes from LEDVANCE you'll make your business future-proof and sustainable.

"The fluorescent lamp has come to the end of the road. The switch to LED technology is giving the lighting market an enormous boost, and we are contributing with high-quality solutions – thereby also helping to decarbonize Europe."

Dr. Oliver Vogler
Managing Director Europe West
at LEDVANCE



From February 25, 2023 compact fluorescent lamps with plug-in bases (CFLni) may no longer be placed on the EU market.



From August 25, 2023 no T5 or T8 fluorescent lamps may be placed on the EU market.



LED TUBES FROM LEDVANCE: ALWAYS A WINNER

Our TCO calculation (Total Cost of Ownership) using the example of a parking garage shows you how quickly the cost of switching to LED tubes from LEDVANCE can be recouped and how great the subsequent savings are.

BEING SMART IS ALWAYS A SUCCESSFUL TACTIC



**SOLUTION 1:
RETROFIT¹**
with LED tubes

Convenient direct substitute for conventional fluorescent tubes on CCG or compatible ECG.





**SOLUTION 2:
CONVERSION¹**
with LED tubes

Rewiring to mains voltage for maximum energy savings and low maintenance. Possible solution in case of incompatible ECG.





**SOLUTION 3:
NEW
LUMINAIRE
INSTALLATION**

Installation of innovative LED luminaires with attractive designs, impressive quality of light, great potential for savings and a long life.



	OLD: Traditional T8 58 W	NEW: SubstiTUBE T8 EM Advanced Ultra Output 23.1 W	Savings	NEW: SubstiTUBE T8 EM Connected 24 W with sensor	Savings	NEW: DAMP PROOF Gen 2 DP 1500 26 W	Savings
Guarantee		5 years ²		5 years ²		5 years ²	
Efficiency	90 lm/W	160 lm/W		150 lm/W		135 lm/W	
System wattage	68 W (incl. losses at CCG)	24.1 W (incl. losses at CCG)		24 W (on AC)		26 W	
Average lifetime	15 000 h	50 000 h		50 000 h		70 000 h ³	
Energy consumption of project	6.8 kW	2.4 kW		2.4 kW		2.6 kW	
Energy consumption over period of operation	297 024 kWh	105 269 kWh	191 755 kWh	52 416 kWh	244 608 kWh	113 568 kWh	183 456 kWh
CO ₂ emissions (231 g/kWh) ⁴	68 613 kg	24 317 kg	44 295 kg	12 108 kg	56 504 kg	26 234 kg	42 378 kg
Total cost savings up to		62 %		72 %		49 %	
Payback time from		3 months		16 months		12 months	

GLOBAL PARAMETERS⁵: Period of operation: 60 months, 5 years, 43 680 operating hours, with sensor 21 840 hours | Operating times: 7 days per week, 52 weeks per year, 24 hours per day
Number of light points: 100

THE POTENTIAL SAVINGS ARE ENORMOUS:



For more information
check out our "End of T5
and T8 Fluorescent Tubes"
online training module.
Register at
training.ledvance.com

Our handy Tube Finder
helps you quickly find the
right replacement:
ledvance.com/tubefinder

¹ Product can be operated on traditional CCG (Retrofit) or AC mains (conversion)

² Refer to www.ledvance.com/guarantee for precise conditions

³ t [h]: L70/B50 at 25 °C (Ta)

⁴ 2020 European level of GHG emission intensity of electricity generation (www.eea.europa.eu)

⁵ Calculation parameters: replacement costs: traditional T8 58W 3.00 €/piece, SubstiTUBE T8 EM Advanced Ultra Output 24.1 W 19.60 €/piece, SubstiTUBE T8 EM CONNECTED 24 W 48.00 €/piece, sensor costs: 129.- €/piece, DP 1500 26W 840 IP65 GY 77.90 €/piece, costs for exchanging: retrofit 10.00 €/housing, conversion 15.00 €/housing, luminaire 20.00 €/piece, electricity costs: 0.20 €/kWh. *Illustrative pricing. Prices may vary in your country.

PARKING IN CONNECTED LIGHT PARKING GARAGE ARABELLAPARK, MUNICH

FACTS AT A GLANCE



Connected Sensor ST8

Available in Low Bay (LB) and High Bay (HB) versions:

- Connected Sensor ST8 LB (Low Bay)
Installation height up to 4 m
- Connected Sensor ST8 HB (High Bay)
Installation height 4 to 14 m

LIGHTING AS REQUIRED

Parking garages are hazardous places for drivers and pedestrians, so the top priority is to create a safe environment while also saving energy and reducing maintenance costs. SubstiTUBE T8 EM Connected LED tubes, connected wirelessly with LEDVANCE Connected Sensors ST8 via Zigbee 3.0, provide flexible and powerful lighting. The system offers two-step dimming of (optionally 0 %) 20 or 100 % light output.

HIGH ENERGY SAVINGS

OSRAM SubstiTUBE T8 EM Connected LED tubes save up to 50 % energy compared to conventional fluorescent lamps, plus an additional 23 % saving in combination with Connected sensors. The lights are switched to 100 % luminous flux when a vehicle or pedestrian enters the detection range of a sensor, and are switched back to 20 % (optionally 0 %) if no pedestrian or moving vehicle is detected for a defined period of time.

OSRAM



THE RIGHT LIGHT IN THE RIGHT PLACE

OSRAM SubstiTUBE T8 EM CONNECTED

SubstiTUBE T8 LED TUBES PROVIDE PERFECTLY ADJUSTED LIGHTING WITH SIGNIFICANTLY REDUCED ENERGY CONSUMPTION IN ANY SITUATION

THE CHALLENGE

How do you ensure that lighting is as efficient as possible and at the same time user-friendly? This was a particular challenge for Bavaria Parkgaragen GmbH, which operates the Arabellapark parking garage in Munich. For lighting the permanent parking lots on the 3rd basement level and its access and exit ramps, Bavaria Parkgaragen GmbH was looking for a connected, LED-based solution that would meet all the requirements of innovative garage lighting.

THE BENEFITS

The connected system is easy to install and set up as there is no need for a gateway or app. Settings can be easily configured and changed by a remote control or manually. The OSRAM SubstiTUBE T8 EM Connected LED tube itself has impressive features, including a glass body, splinter protection, high efficiency of 150 lm/W, a life of up to 50 000 hours and a LEDVANCE guarantee of five years. Drivers and pedestrians benefit from uniform illumination, and operators benefit from lower costs as the lights are normally dimmed to 20 %, switching to 100 % only when presence is detected.



A winning team: The OSRAM SubstiTUBE T8 EM Connected and the LEDVANCE Connected sensor ST8 work together to provide perfect light at all times

THE SOLUTION

Intelligent lighting provides light in the right place at the right time. LEDVANCE replaced the conventional fluorescent lamps with highly efficient, dimmable OSRAM SubstiTUBE T8 EM Connected LED tubes coupled with LEDVANCE Connected Sensor ST8 via Zigbee 3.0. The result is a smart sensor control system that adapts the lighting to the situation and significantly reduces energy consumption. This easy-to-install system is suitable for retrofits and new builds. The tubes are compatible with existing LEDVANCE DAMP PROOF luminaires so these can be retained to save on costs.

SUMMARY

Bavaria Parkgaragen GmbH wanted to equip the permanent parking lots on the 3rd basement level of the parking garage at Munich's Arabellapark with LED-based lighting. LEDVANCE installed OSRAM SubstiTUBE T8 EM Connected LED tubes and Connected Sensor ST8, linked to the tubes via Zigbee 3.0. This solution, which works perfectly as a retrofit, combines flexible control, optimized lighting, significant savings in energy consumption and long-term compliance with EU regulations. More importantly, it makes the garage safer for drivers and pedestrians.



Parking in the best light thanks to OSRAM SubstiTUBE T8 EM Connected LED tubes.

SUBSTITUBE AS A MULTIPACK

LEDVANCE CONVERSION KITS

The LEDVANCE conversion kit includes all the materials you need for converting T8 or T5 lamps – including step-by-step instructions. Rewiring is quick and easy with this kit.

It comes in two versions for single- or double-lamp luminaires and includes:

- WAGO connectors
- Adhesive sockets for cable ties
- Cable ties
- New blank type plate
- Pre-wired Microfuse (250 V T2 A)
- Step-by-step instructions

The conversion kit is available in combination with selected LED tubes.

For further information see ledvance.com/ledtube



Product name	GTIN (EAN)	LED tube information on page
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T8 LED TUBES WITH SINGLE-LAMP CONVERSION KIT

SubstiTUBE T8 EM Pro Ultra Output + conversion kit

LEDTUBE T8EM PROU01200 14.9W840KIT10SRAM	4058075692374	19
LEDTUBE T8EM PROU01500 23.4W840KIT10SRAM	4058075692381	19
LEDTUBE T8EM PROU01500 23.4W865KIT10SRAM	4058075781405	19

SubstiTUBE T8 EM Pro + conversion kit

LEDTUBE T8 EM PRO 1200 12.7W840KIT10SRAM	4058075692428	20
LEDTUBE T8 EM PRO 1500 18.8W840KIT10SRAM	4058075692435	20

SubstiTUBE T8 EM Advanced Ultra Output + conversion kit

LEDTUBE T8EM ADVU01200 15.6W840KIT10SRAM	4058075692503	21
LEDTUBE T8EM ADVU01500 23.1W840KIT10SRAM	4058075692466	21

SubstiTUBE T8 EM Advanced + conversion kit

LEDTUBE T8 EM ADV 1200 14W 840 KIT10SRAM	4058075692527	22
LEDTUBE T8 EM ADV 1500 20.6W840KIT10SRAM	4058075692480	22



Product name	GTIN (EAN)	LED tube information on page
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T8 LED TUBES WITH DOUBLE-LAMP CONVERSION KIT

SubstiTUBE T8 EM Pro Ultra Output + conversion kit

LEDTUBE T8EM PROU01200 14.9W840KIT20SRAM	4058075692404	19
LEDTUBE T8EM PROU01500 23.4W840KIT20SRAM	4058075692411	19
LEDTUBE T8EM PROU01500 23.4W865KIT20SRAM	4058075781429	19

SubstiTUBE T8 EM Pro + conversion kit

LEDTUBE T8 EM PRO 1200 12.7W840KIT20SRAM	4058075692442	20
LEDTUBE T8 EM PRO 1500 18.8W840KIT20SRAM	4058075692459	20

SubstiTUBE T8 EM Advanced Ultra Output + conversion kit

LEDTUBE T8EM ADVU01200 15.6W840KIT20SRAM	4058075692510	21
LEDTUBE T8EM ADVU01500 23.1W840KIT20SRAM	4058075692473	21

SubstiTUBE T8 EM Advanced + conversion kit

LEDTUBE T8 EM ADV 1200 14W 840 KIT20SRAM	4058075692534	22
LEDTUBE T8 EM ADV 1500 20.6W840KIT20SRAM	4058075692497	22
LEDTUBE T8 EM ADV 1500 20.6W865KIT20SRAM	4058075776425	22



Product name	GTIN (EAN)	LED tube information on page
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T5 LED TUBES WITH SINGLE-LAMP CONVERSION KIT

SubstiTUBE T5 AC HE + conversion kit

LEDTUBE T5 AC HE28 1149 16W 840KIT10SRAM	4058075692749	37
LEDTUBE T5 AC HE35 1449 18W 840KIT10SRAM	4058075692398	37

SubstiTUBE T5 AC HO + conversion kit

LEDTUBE T5 AC HO49 1449 26W 840KIT10SRAM	4058075692701	37
LEDTUBE T5 AC HO54 1149 26W 840KIT10SRAM	4058075692695	37
LEDTUBE T5 AC HO80 1449 37W 840KIT10SRAM	4058075692688	37



Product name	GTIN (EAN)	LED tube information on page
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T5 LED TUBES WITH DOUBLE-LAMP CONVERSION KIT

SubstiTUBE T5 AC HE + conversion kit

LEDTUBE T5 AC HE28 1149 16W 840KIT20SRAM	4058075692770	37
LEDTUBE T5 AC HE35 1449 18W 840KIT20SRAM	4058075692763	37

SubstiTUBE T5 AC HO + conversion kit

LEDTUBE T5 AC HO49 1449 26W 840KIT20SRAM	4058075692756	37
LEDTUBE T5 AC HO54 1149 26W 840KIT20SRAM	4058075692732	37
LEDTUBE T5 AC HO80 1449 37W 840KIT20SRAM	4058075692725	37

ROBUST AND FUNCTIONAL DAMP PROOF HOUSING

The ideal addition to the SubstiTUBE T8 LED tubes, especially for use in harsh environments. The robust housing of the DAMP PROOF luminaire not only protects against moisture and dust but also easily withstands a hefty shock or two. Installation is particularly easy thanks to prewiring and integrated accessories. Wow your customers with our dream team of SubstiTUBE T8 and DAMP PROOF housing.

PRODUCT FEATURES

- Housing made of robust polycarbonate (PC), gray
- Suitable for **SubstiTUBE EM/UN** and **SubstiTUBE Connected**
- Luminaire housing, available for 1 or 2 **T8 LED lamps**
- Type of protection: IP65
- Impact resistance: IK08

PRODUCT BENEFITS

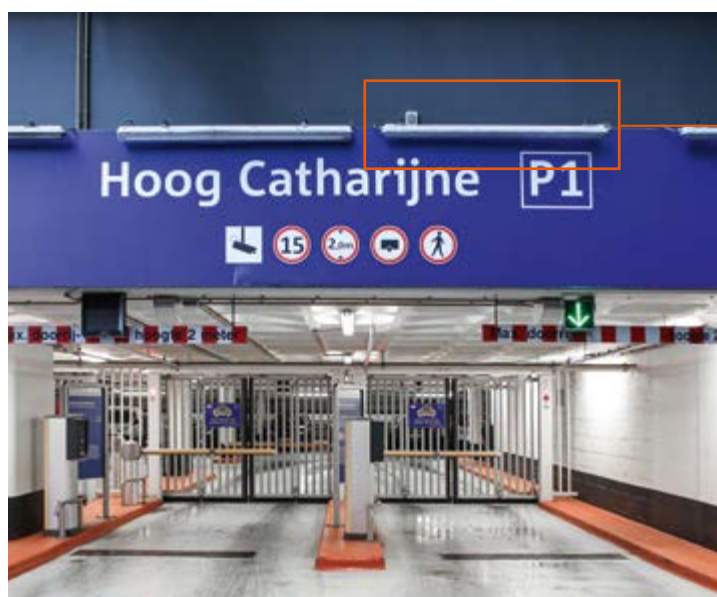
- Sustainable solution thanks to exchangeable lamps
- Prewired for easy installation of tubular AC LED lamps
- Robust housing
- Easy and quick installation
- 5 year guarantee¹

EQUIPMENT/ACCESSORIES

- All required accessories included



Product name	Segmentation	GTIN (EAN)				L x W x H [mm] Ø x H [mm]
DP HOUSING 600 1x Lamp IP65	■	4058075312395	105	IK08	600	651x64x75
DP HOUSING 600 2x Lamp IP65	■	4058075312418	105	IK08	850	651x103x75
DP HOUSING 1200 1x Lamp IP65	■	4058075312432	105	IK08	1000	1261x64x75
DP HOUSING 1200 2x Lamp IP65	■	4058075312456	105	IK08	1300	1261x103x75
DP HOUSING 1500 1x Lamp IP65	■	4058075312470	105	IK08	1300	1561x64x75
DP HOUSING 1500 2x Lamp IP65	■	4058075312494	105	IK08	1850	1561x103x75



A STRONG COMBINATION FOR LARGE INDOOR CAR PARKS:



OSRAM SubstiTUBE T8 CONNECTED LED tube, installed in a robust **DAMP PROOF housing (IP65)**, is connected wirelessly to **LEDVANCE CONNECTED SENSOR ST8 LOW BAY** via Zigbee. Two-stage switching (0 % ⇄ 100 % and 20 % ⇄ 100 %) increases efficiency even further.

¹Refer to www.ledvance.com/guarantee for precise conditions

LED TUBE T5 EXTERNAL P¹

LED TUBE T5 EXTERNAL for LED DRIVER EXTERNAL

PERFOR-
MANCE
CLASS



1



Please visit our website for the latest
LED TUBE EXTERNAL SYSTEM product information
www.ledvance.com/ext-system



PRODUCT FEATURES






























- Designed to power only with LEDVANCE DRIVER LED TUBE EXTERNAL
- Mercury-free and RoHS compliant

PRODUCT BENEFITS

- Compatible with LEDVANCE DRIVER LED TUBE DALI EXTERNAL
- Shatter protection thanks to special PET coating
- No bending thanks to glass tube
- Very high resistance to switching loads
- Five year guarantee

AREAS OF APPLICATION

- Industrial lighting (e.g. manufacturing plants, logistic centers, warehouses)
- Linear lighting for office, education, storage areas and retail
- Shops, supermarkets
- Suitable for indoor SELV installations
- General illumination within ambient temperatures from -20...+50 °C

Product name	Segmentation	GTIN (EAN)													
LED TUBE T5 EXT H054 P 26 W/4000 K 1149 mm		4058075730472	54	G5	1149	26	4000	153	4000	180	80	50 000		25	1
LED TUBE T5 EXT H054 P 26 W/6500 K 1149 mm		4058075730496	54	G5	1149	26	4000	153	6500	180	80	50 000		25	1
LED TUBE T5 EXT HE35 P 18 W/4000 K 1449 mm		4058075730519	35	G5	1449	18	2800	155	4000	180	80	50 000		25	1
LED TUBE T5 EXT HE35 P 18 W/6500 K 1449 mm		4058075730533	35	G5	1449	18	2800	155	6500	180	80	50 000		25	1
LED TUBE T5 EXT H049 P 26 W/4000 K 1449 mm		4058075730434	49	G5	1449	26	4000	153	4000	180	80	50 000		25	1
LED TUBE T5 EXT H049 P 26 W/6500 K 1449 mm		4058075730458	49	G5	1449	26	4000	153	6500	180	80	50 000		25	1
LED TUBE T5 EXT H080 P 37 W/4000 K 1449 mm		4058075730410	80	G5	1449	37	5600	151	4000	180	80	50 000		25	1
LED TUBE T5 EXT H080 P 37 W/6500 K 1449 mm		4058075730397	80	G5	1449	37	5600	151	6500	180	80	50 000		25	1

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.
The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

DRIVER LED TUBE EXTERNAL P¹

PERFORMANCE CLASS

Constant current LED DRIVER EXTERNAL for LED TUBE EXTERNAL T5/T8 – indoor



Please visit our website for the latest
LED TUBE EXTERNAL SYSTEM product information
www.ledvance.com/ext-system



PRODUCT FEATURES

- Safety extra-low voltage (SELV) driver
- Advanced applications with DALI light installations
- Lifetime: up to 100,000 h (for T_c = 65 °C)
- ENEC mark

PRODUCT BENEFITS

- Compatible with LEDVANCE LED TUBE EXTERNAL
- High flexibility due to adjustable output currents via dip switch
- DALI 2.0 interface for dimming and sensor operations
- High-quality dimming of 1...100 %
- Push DIM application for easy control

AREAS OF APPLICATION

- Designed to power with LEDVANCE LEDTUBE EXT
- Suitable for luminaires of protection class I
- General illumination within ambient temperatures from -20...+50 °C
- Industrial lighting (e.g. manufacturing plants, logistic centers, warehouses)
- Installation in emergency lighting systems according to IEC 61347-2-13, appendix J

Product name	Segmentation	GTIN (EAN)	W	Hz	W	t _h ³	T _a	T _c	PROTECTION CLASS	L × W × H [mm]	Icons	No.
NEW DR EXT DALI-P -1X15-37W 220-240	■	4058075730632	37	0/50/60	1...100	100 000	-20...+50	80	I	286.0 x 31.0 x 21.0	25	1
NEW DR EXT DALI-P -2X15-26W 220-240	■	4058075730656	52	0/50/60	1...100	100 000	-20...+50	90	I	360.0 x 31.0 x 21.0	25	2

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ T_c: 65°C; 10% failure rate

SubstiTUBE T8 EM PRO Ultra Output^{1,2}

High performance LED tubes for electromagnetic control gears (CCG), shatterproof



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Lamp tube made of glass with splinter protection e.g. for food industry applications
- VDE certified according to IEC62776

PRODUCT BENEFITS

- No bending thanks to glass tube
- Shatter protection thanks to special PET coating
- Support the implementation of the HACCP concepts from production through to presentation
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50 °C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

Product name	GTIN (EAN)	W _{LED}			W	lm	lm/W	K		CRI	t _h			
SubstiTUBE T8 EM Pro Ultra Output 14.9 W/3000 K 1200 mm	4058075612037	36	G13	1212	14.9	2340	157	3000	190	83	75 000		10	1
SubstiTUBE T8 EM Pro Ultra Output 14.9 W/4000 K 1200 mm	4058075612051	36	G13	1212	14.9	2600	174	4000	190	83	75 000		10	1
NEW SubstiTUBE T8 EM Pro Ultra Output 15.8 W/4000 K 1200 mm	4058075757424	36	G13	1212	15.8	2600	164	4000	190	90	75 000		10	1
NEW SubstiTUBE T8 EM Pro Ultra Output 14.9 W/5000 K 1200 mm	4058075794108	36	G13	1212	14.9	2600	174	5000	190	83	75 000		10	1
SubstiTUBE T8 EM Pro Ultra Output 14.9 W/6500 K 1200 mm	4058075612075	36	G13	1212	14.9	2600	174	6500	190	83	75 000		10	1
SubstiTUBE T8 EM Pro Ultra Output 23.4 W/3000 K 1500 mm	4058075612099	58	G13	1513	23.4	3690	157	3000	190	83	75 000		10	1
SubstiTUBE T8 EM Pro Ultra Output 23.4 W/4000 K 1500 mm	4058075612112	58	G13	1513	23.4	4100	175	4000	190	83	75 000		10	1
NEW SubstiTUBE T8 EM Pro Ultra Output 24.8 W/4000 K 1500 mm	4058075757486	58	G13	1513	24.8	4100	165	4000	190	90	75 000		10	1
NEW SubstiTUBE T8 EM Pro Ultra Output 23.4 W/5000 K 1500 mm	4058075794122	58	G13	1513	23.4	4100	175	5000	190	83	75 000		10	1
SubstiTUBE T8 EM Pro Ultra Output 23.4 W/6500 K 1500 mm	4058075612136	58	G13	1513	23.4	4100	175	6500	190	83	75 000		10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 |

⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

SubstiTUBE T8 EM PRO^{1,2}

High performance LED tubes for electromagnetic control gears (CCG), shatterproof



1



3

PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Lamp tube made of glass with splinter protection e.g. for food industry applications
- VDE certified according to IEC62776

PRODUCT BENEFITS

- No bending thanks to glass tube
- Shatter protection thanks to special PET coating
- Support the implementation of the HACCP concepts from production through to presentation
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50 °C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

Product name	GTIN (EAN)	W _{LED}			W	lm	lm/W	K		CRI	t _h ⁴			
SubstiTUBE T8 EM Pro 5.4 W/3000 K 438 mm	4058075614475	15	G13	450	5.4	810	150	3000	190	83	75 000		10	1
SubstiTUBE T8 EM Pro 5.4 W/4000 K 438 mm	4058075614499	15	G13	450	5.4	900	166	4000	190	83	75 000		10	1
SubstiTUBE T8 EM Pro 6.7 W/4000 K 600 mm	4058075612150	18	G13	603	6.7	1100	164	4000	190	83	75 000		10	1
SubstiTUBE T8 EM Pro 6.7 W/6500 K 600 mm	4058075612174	18	G13	603	6.7	1100	164	6500	190	83	75 000		10	1
SubstiTUBE T8 EM Pro 10.3 W/4000 K 900 mm	4058075612198	30	G13	908	10.3	1700	165	4000	190	83	75 000		10	1
SubstiTUBE T8 EM Pro 10.3 W/6500 K 900 mm	4058075612211	30	G13	908	10.3	1700	165	6500	190	83	75 000		10	1
SubstiTUBE T8 EM Pro 12.1 W/4000 K 1050 mm	4058075612235	38	G13	1060	12.1	2000	165	4000	190	83	75 000		10	1
SubstiTUBE T8 EM Pro 12.1 W/6500 K 1050 mm	4058075612259	38	G13	1060	12.1	2000	165	6500	190	83	75 000		10	1
SubstiTUBE T8 EM Pro 12.7 W/4000 K 1200 mm	4058075612273	36	G13	1212	12.7	2100	165	4000	190	83	75 000		10	1
SubstiTUBE T8 EM Pro 12.7 W/6500 K 1200 mm	4058075612297	36	G13	1212	12.7	2100	165	6500	190	83	75 000		10	1
SubstiTUBE T8 EM Pro 18.8 W/4000 K 1500 mm	4058075612310	58	G13	1513	18.8	3100	164	4000	190	83	75 000		10	1
SubstiTUBE T8 EM Pro 18.8 W/6500 K 1500 mm	4058075612334	58	G13	1513	18.8	3100	164	6500	190	83	75 000		10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

SubstiTUBE T8 EM Advanced Ultra Output^{1,2}

LED tubes for electromagnetic control gear (CCG)



1

GLASS

CCG

230V

LEDVANCE
5
year
guarantee

PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Tube made of glass
- For especially uniform illumination

PRODUCT BENEFITS

- No bending thanks to glass tube
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 60 % (compared to T8 fluorescent lamp on CCG)
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50 °C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores

Product name	GTIN (EAN)	W _{LED}			W	lm	lm/W	K		CRI	t _h			
SubstiTUBE T8 EM Advanced Ultra Output 15.6 W/3000 K 1200 mm	4058075611917	36	G13	1212	15.6	2250	144	3000	190	83	50 000		10	1
SubstiTUBE T8 EM Advanced Ultra Output 15.6 W/4000 K 1200 mm	4058075611931	36	G13	1212	15.6	2500	160	4000	190	83	50 000		10	1
SubstiTUBE T8 EM Advanced Ultra Output 15.6 W/6500 K 1200 mm	4058075611955	36	G13	1212	15.6	2500	160	6500	190	83	50 000		10	1
SubstiTUBE T8 EM Advanced Ultra Output 23.1 W/3000 K 1500 mm	4058075611979	58	G13	1513	23.1	3330	144	3000	190	83	50 000		10	1
SubstiTUBE T8 EM Advanced Ultra Output 23.1 W/4000 K 1500 mm	4058075611993	58	G13	1513	23.1	3700	160	4000	190	83	50 000		10	1
SubstiTUBE T8 EM Advanced Ultra Output 23.1 W/6500 K 1500 mm	4058075612013	58	G13	1513	23.1	3700	160	6500	190	83	50 000		10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 |

⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

SubstiTUBE T8 EM Advanced^{1,2}

LED tubes for electromagnetic control gear (CCG)



1

GLASS

CCG

230V

LEDVANCE
5
year
guarantee

3

PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Single and tandem operation on conventional control gear (0.6 m version)
- Tube made of glass

PRODUCT BENEFITS

- No bending thanks to glass tube
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 64 % (compared to T8 fluorescent lamp on CCG)
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Very high resistance to switching loads

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50 °C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

Product name	GTIN (EAN)	W _{LED}			W	lm	lm/W	K		CRI	t _h ⁴			
SubstiTUBE T8 EM Advanced 7.3 W/4000 K 600 mm	4058075611795	18	G13	603	7.3	1100	150	4000	190	83	50000		10	1
SubstiTUBE T8 EM Advanced 7.3 W/6500 K 600 mm	4058075611818	18	G13	603	7.3	1100	150	6500	190	83	50000		10	1
SubstiTUBE T8 EM Advanced 14 W/4000 K 1200 mm	4058075611832	36	G13	1212	14	2100	150	4000	190	83	50000		10	1
SubstiTUBE T8 EM Advanced 14 W/6500 K 1200 mm	4058075611856	36	G13	1212	14	2100	150	6500	190	83	50000		10	1
SubstiTUBE T8 EM Advanced 20.6 W/4000 K 1500 mm	4058075611870	58	G13	1513	20.6	3100	150	4000	190	83	50000		10	1
SubstiTUBE T8 EM Advanced 20.6 W/6500 K 1500 mm	4058075611894	58	G13	1513	20.6	3100	150	6500	190	83	50000		10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

SubstiTUBE T8 EM Value^{1,2}

Economic LED tubes for electromagnetic control gears (CCG)



GLASS

CCG

230V

LEDVANCE
3
year
guarantee³

PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Low flicker according to EU 2019-2020 (SVM ≤ 0,4 / PstLM ≤ 1)
- Single and tandem operation on conventional control gear (0.6 m version)
- Tube made of glass

PRODUCT BENEFITS

- No bending thanks to glass tube
- Energy savings of up to 68 % (compared to T8 fluorescent lamp on CCG)
- Quick, simple and safe replacement without rewiring
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Very high resistance to switching loads

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45 °C
- Corridors, stairways, parking garages
- Industry
- Warehouses
- Cooling and storage rooms

Product name	GTIN (EAN)	W _{LED}			W	lm	lm/W	K		CRI	t _h ⁴			
SubstiTUBE T8 EM Value 6.6 W/3000 K 600 mm	4058075611610	18	G13	603	6.6	720	109	3000	190	≥80	30 000		10	1
SubstiTUBE T8 EM Value 6.6 W/4000 K 600 mm	4058075611634	18	G13	603	6.6	800	121	4000	190	≥80	30 000		10	1
SubstiTUBE T8 EM Value 6.6 W/6500 K 600 mm	4058075611658	18	G13	603	6.6	800	121	6500	190	≥80	30 000		10	1
SubstiTUBE T8 EM Value 15 W/3000 K 1200 mm	4058075611672	36	G13	1 212	15	1 620	108	3000	190	≥80	30 000		10	1
SubstiTUBE T8 EM Value 15 W/4000 K 1200 mm	4058075611696	36	G13	1 212	15	1 800	120	4000	190	≥80	30 000		10	1
SubstiTUBE T8 EM Value 15 W/6500 K 1200 mm	4058075611719	36	G13	1 212	15	1 800	120	6500	190	≥80	30 000		10	1
SubstiTUBE T8 EM Value 18.3 W/3000 K 1500 mm	4058075611733	58	G13	1 513	18.3	1 980	108	3000	190	≥80	30 000		10	1
SubstiTUBE T8 EM Value 18.3 W/4000 K 1500 mm	4058075611757	58	G13	1 513	18.3	2 200	120	4000	190	≥80	30 000		10	1
SubstiTUBE T8 EM Value 18.3 W/6500 K 1500 mm	4058075611771	58	G13	1 513	18.3	2 200	120	6500	190	≥80	30 000		10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 |

⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

SubstiTUBE T8 EM MOTION SENSOR^{1,2}

LED tubes with integrated microwave sensor for electromagnetic control gears (CCG), shatterproof



1



3

PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Integrated microwave sensor with motion detection
- Automatic dimming to 20 % light output after 5 minutes without motion detection
- Automatic light switch off 7 minutes after the last motion detection
- Microwave sensor with 5,8 GHz

PRODUCT BENEFITS

- Suitable for closed luminaires thanks to microwave technology
- No bending thanks to glass tube
- Shatter protection thanks to special PET coating
- Support the implementation of the HACCP concepts from production through to presentation
- Very high resistance to switching loads

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50 °C
- Corridors, stairways, parking garages
- Warehouses
- Walkways and corridors
- Storage rooms

Product name	GTIN (EAN)	W±W	W	I (mm)	W	lm	lm/W	K	°	CRI	t _h ⁴	Energy efficiency class (EEC) ⁵	No.	No.
SubstiTUBE T8 EM Motion Sensor 6.8 W/4000 K 600 mm	4058075594302	18	G13	604	6.8	1100	161	4000	190	83	50 000	Energy efficiency class (EEC) ⁵	8	1
SubstiTUBE T8 EM Motion Sensor 13.1 W/4000 K 1200 mm	4058075594326	36	G13	1212	13.1	2100	160	4000	190	83	50 000	Energy efficiency class (EEC) ⁵	8	1
SubstiTUBE T8 EM Motion Sensor 19.3 W/4000 K 1500 mm	4058075594340	58	G13	1513	19.3	3100	160	4000	190	83	50 000	Energy efficiency class (EEC) ⁵	8	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

Recommended maximum mounting height: 5 m.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

SubstiTUBE T8 EM FOOD^{1,2}

LED tubes for electromagnetic control gears (CCG), shatterproof, for food presentation



PRODUCT FEATURES

- Specially tailored spectral distribution (comparable to T8 FL NATURA 76)
- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Lamp tube made of glass with splinter protection e.g. for food industry applications
- VDE certified according to IEC62776
- Type of protection: IP20

PRODUCT BENEFITS

- Food looks fresh and appetizing without unduly “beautifying” it
- Quick, simple and safe replacement of fluorescent lamps without rewiring the CCG
- Energy savings of up to 60 % (compared to T8 fluorescent lamp on CCG)
- Shatter protection thanks to special PET coating
- Support the implementation of the HACCP concepts from production through to presentation

AREAS OF APPLICATION

- Food presentation in e.g. butchers, bakeries, supermarkets or meat processors
- Suitable for ambient temperatures of -20 to +50 °C

Product name	GTIN (EAN)	W ³	Socket	L ⁴ (mm)	W	lm	lm/W	K	Beam angle	CRI	t _h ⁵	Stacking	No.
SubstiTUBE T8 EM Food 7.9 W/3300 K 900 mm ³	4058075292475	30	G13	908	7.9	750	94	3300	190	≥80	50 000	10	1
SubstiTUBE T8 EM Food 11.6 W/3300 K 1200 mm ³	4058075292499	36	G13	1212	11.6	1100	94	3300	190	≥80	50 000	10	1
SubstiTUBE T8 EM Food 17.9 W/3300 K 1500 mm ³	4058075292512	58	G13	1513	17.9	1700	94	3300	190	≥80	50 000	10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

¹ Protection class: IP20 | ² Non-dimmable | ³ Not for general lighting | ⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50

SubstiTUBE T8 EM Start¹

Starter for SubstiTUBE EM (CCG)



1

PRODUCT FEATURES

- Substitute starter for the replacement of a fluorescent lamp with a T8 EM LED tube
- Suitable for operation with low loss or conventional control gear or line voltage
- Integrated electrical fuse

AREAS OF APPLICATION

- Not suitable for operation with electronic control gears

Product name	GTIN (EAN)		
T8 EM Starter SUBSTITUBE LED	4058075013674	20	1

¹ Protection class: IP20

SubstiTUBE T8 UNIVERSAL PRO ULTRA OUTPUT^{1,2}

LED tubes for electronic control gears (ECG),
electromagnetic control gears (CCG) and mains, shatterproof



1



Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder



PRODUCT FEATURES

- T8 LED tube made of glass with G13 base
- Compatible with conventional and many common electronic control gears (see also compatibility list) and line voltage
- Low flicker according to EU 2019/2020
- Lamp tube made of glass with splinter protection e.g. for food industry applications
- Mercury-free and RoHS compliant

PRODUCT BENEFITS

- No bending thanks to glass technology
- Shatter protection thanks to special PET coating
- Also suitable for operation at low temperatures
- High luminous flux for sophisticated lighting tasks
- Easy installation

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45 °C
- Supermarkets and department stores
- Industry

Product name	GTIN (EAN)	W _{gW}			W	lm	lm/W	K		CRI	t _h			
SubstiTUBE T8 UN Pro Ultra Output 7.5 W/3000 K 600 mm	4058075546752	18	G13	603	7.5	1000	133	3000	190	83	60 000		10	1
SubstiTUBE T8 UN Pro Ultra Output 7.5 W/4000 K 600 mm	4058075546776	18	G13	603	7.5	1100	146	4000	190	83	60 000		10	1
SubstiTUBE T8 UN Pro Ultra Output 7.5 W/6500 K 600 mm	4058075546790	18	G13	603	7.5	1100	146	6500	190	83	60 000		10	1
SubstiTUBE T8 UN Pro Ultra Output 15 W/4000 K 1200 mm	4058075546813	36	G13	1212	15	2400	160	4000	190	83	60 000		10	1
SubstiTUBE T8 UN Pro Ultra Output 15 W/6500 K 1200 mm	4058075546837	36	G13	1212	15	2400	160	6500	190	83	60 000		10	1
SubstiTUBE T8 UN Pro Ultra Output 23 W/4000 K 1500 mm	4058075546851	58	G13	1513	23	3700	160	4000	190	83	60 000		10	1
SubstiTUBE T8 UN Pro Ultra Output 23 W/6500 K 1500 mm	4058075546875	58	G13	1513	23	3700	160	6500	190	83	60 000		10	1

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

For operation of LEDTUBE T8 UN with a conventional control gear, the existing starter must be exchanged with the including LED starter in the LED tube packaging.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

SubstiTUBE T8 UNIVERSAL VALUE^{1,2}

LED tubes for electronic control gears (ECG),
electromagnetic control gears (CCG) and mains



1



PDF ECG compatibility list TUBE FINDER Web-app

Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder



PRODUCT FEATURES

- T8 LED tube made of glass with G13 base
- Compatible with conventional and many common electronic control gears (see also compatibility list) and line voltage
- Low flicker according to EU 2019/2020
- Uniform illumination

PRODUCT BENEFITS

- No bending thanks to glass technology
- Also suitable for operation at low temperatures
- Easy installation

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45 °C
- Corridors, stairways, parking garages
- Warehouses

Product name	GTIN (EAN)	W _{GE} W			W	lm	lm/W	K		CRI	t _h ⁴			
SubstiTUBE T8 UN Value 18 W/3000 K 1200 mm	4058075546899	36	G13	1212	18	1850	102	3000	190	83	30 000		10	1
SubstiTUBE T8 UN Value 18 W/4000 K 1200 mm	4058075546912	36	G13	1212	18	2000	111	4000	190	83	30 000		10	1
SubstiTUBE T8 UN Value 18 W/6500 K 1200 mm	4058075546936	36	G13	1212	18	2000	111	6500	190	83	30 000		10	1
SubstiTUBE T8 UN Value 24 W/3000 K 1500 mm	4058075546950	58	G13	1513	24	2550	106	3000	190	83	30 000		10	1
SubstiTUBE T8 UN Value 24 W/4000 K 1500 mm	4058075546974	58	G13	1513	24	2800	116	4000	190	83	30 000		10	1
SubstiTUBE T8 UN Value 24 W/6500 K 1500 mm	4058075546998	58	G13	1513	24	2800	116	6500	190	83	30 000		10	1

SAFETY ADVICE

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

For operation of LEDTUBE T8 UN with a conventional control gear, the existing starter must be exchanged with the including LED starter in the LED tube packaging.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

SubstiTUBE T8 HF PRO ULTRA OUTPUT^{1,2}

LED tubes for electronic high frequency control gears (ECG), shatterproof



1



PDF ECG compatibility list TUBE FINDER Web-app

Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder



PRODUCT FEATURES

- T8 LED tube made of glass with G13 base
- Low flicker according to EU 2019/2020
- Lamp tube made of glass with splinter protection e.g. for food industry applications
- Mercury-free and RoHS compliant

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Shatter protection thanks to special PET coating
- Also suitable for operation at low temperatures
- High luminous flux for sophisticated lighting tasks
- No bending thanks to glass technology

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45 °C
- Supermarkets and department stores
- Industry
- Offices, public buildings

Product name	GTIN (EAN)	W±W			W	lm	lm/W	K		CRI	t _h ⁴			
SubstiTUBE T8 HF Pro Ultra Output 15 W/4000 K 1200 mm	4058075545014	36	G13	1212	15	2400	160	4000	190	83	60 000		10	1
SubstiTUBE T8 HF Pro Ultra Output 15 W/6500 K 1200 mm	4058075545038	36	G13	1212	15	2400	160	6500	190	83	60 000		10	1
SubstiTUBE T8 HF Pro Ultra Output 23 W/4000 K 1500 mm	4058075545076	58	G13	1513	23	3700	160	4000	190	83	60 000		10	1
SubstiTUBE T8 HF Pro Ultra Output 23 W/6500 K 1500 mm	4058075545151	58	G13	1513	23	3700	160	6500	190	83	60 000		10	1

SAFETY ADVICE

Not suitable for operation with low-loss and conventional control gears and main voltage.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure

T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

SubstiTUBE T8 HF PRO^{1,2}

LED tubes for electronic high frequency control gears (ECG), shatterproof



1



PDF ECG compatibility list TUBE FINDER Web-app

Compatibility list also online:
ledvance.com/ecg-compatibility
ledvance.com/tubefinder



PRODUCT FEATURES

- T8 LED tube made of glass with G13 base
- Low flicker according to EU 2019/2020
- Lamp tube made of glass with splinter protection e.g. for food industry applications
- Mercury-free and RoHS compliant

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Shatter protection thanks to special PET coating
- Also suitable for operation at low temperatures
- High luminous flux for sophisticated lighting tasks
- No bending thanks to glass technology

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45 °C
- Supermarkets and department stores
- Industry
- Offices, public buildings

Product name	GTIN (EAN)	W _{gW}			W	lm	lm/W	K		CRI	t _h ⁴			
SubstiTUBE T8 HF Pro 7.5 W/3000 K 600 mm	4058075545052	18	G13	603	7.5	1000	133	3000	190	83	60 000		10	1
SubstiTUBE T8 HF Pro 7.5 W/4000 K 600 mm	4058075545090	18	G13	603	7.5	1100	146	4000	190	83	60 000		10	1
SubstiTUBE T8 HF Pro 7.5 W/6500 K 600 mm	4058075545113	18	G13	603	7.5	1100	146	6500	190	83	60 000		10	1
SubstiTUBE T8 HF Pro 14 W/3000 K 1200 mm	4058075545137	36	G13	1212	14	1900	135	3000	190	83	60 000		10	1
SubstiTUBE T8 HF Pro 14 W/4000 K 1200 mm	4058075545175	36	G13	1212	14	2100	150	4000	190	83	60 000		10	1
SubstiTUBE T8 HF Pro 14 W/6500 K 1200 mm	4058075545205	36	G13	1212	14	2100	150	6500	190	83	60 000		10	1
SubstiTUBE T8 HF Pro 20 W/3000 K 1500 mm	4058075545229	58	G13	1513	20	2800	140	3000	190	83	60 000		10	1
SubstiTUBE T8 HF Pro 20 W/4000 K 1500 mm	4058075545243	58	G13	1513	20	3100	155	4000	190	83	60 000		10	1
SubstiTUBE T8 HF Pro 20 W/6500 K 1500 mm	4058075545267	58	G13	1513	20	3100	155	6500	190	83	60 000		10	1

SAFETY ADVICE

Not suitable for operation with low-loss and conventional control gears and main voltage.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure

T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

SubstiTUBE T8 EM CONNECTED¹

LED tube for electromagnetic control gears works with Connected Sensors



1



2

PRODUCT FEATURES

- Network protocol: ZigBee 3.0 (2.4 GHz mesh network)
- Connected tube can be only operated with Connected sensor
- Dimmable only with LEDVANCE Connected Sensor

PRODUCT BENEFITS

- No bending thanks to glass technology
- Shatter protection thanks to special PET coating
- Short payback period thanks to low energy consumption and maintenance costs

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50 °C
- Parking lots, warehouses, production areas, stairways
- Industry
- Offices

Product name	GTIN (EAN)	W _{LED}			W	lm	lm/W	K		CRI	t _h ³			
SubstiTUBE T8 EM CON 7.5 W/4000 K 600 mm	4058075187337	18	G13	603	7.5	1100	146	4000	160	80	50 000		10	1
SubstiTUBE T8 EM CON 7.5 W/6500 K 600 mm	4058075187351	18	G13	603	7.5	1100	146	6500	160	80	50 000		10	1
SubstiTUBE T8 EM CON 16 W/4000 K 1200 mm	4058075187375	36	G13	1213	16	2400	150	4000	160	80	50 000		10	1
SubstiTUBE T8 EM CON 16 W/6500 K 1200 mm	4058075187399	36	G13	1213	16	2400	150	6500	160	80	50 000		10	1
SubstiTUBE T8 EM CON 24 W/4000 K 1500 mm	4058075187634	58	G13	1513	24	3600	150	4000	160	80	50 000		10	1
SubstiTUBE T8 EM CON 24 W/6500 K 1500 mm	4058075187658	58	G13	1513	24	3600	150	6500	160	80	50 000		10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

SubstiTUBE Connected Sensor Low Bay

Sensor for SubstiTUBE Connected TUBE



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PRODUCT FEATURES

- Wireless smart PIR motion sensor
- Mounting height up to 4 m
- Two step dimming: 20 % and 100 % light output
- Network protocol: ZigBee 3.0 (2.4 GHz mesh network)
- Connected tube can be only operated with Connected sensor

PRODUCT BENEFITS

- Multiple sensors can be networked
- Control of compatible products without Internet connection or smart devices
- Easy to install and use

AREAS OF APPLICATION

- For indoor use only (IP54)
- Passive infra red sensor for ambient temperatures between -20...+50 °C
- Parking lots, warehouses, production areas, stairways
- Industry
- Offices

Product name	GTIN (EAN)	INFRARED	L × W × H [mm]		IP	V _{DC}	t _h ²	kHz ECG		
Connected Sensor ST8 LB	4058075232969	Passive infrared (PIR)	95 x 95 x 65	360	IP54	220...240	50 000	50	27	1

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² L70/B50

SubstiTUBE Connected Sensor High Bay

Sensor for SubstiTUBE Connected TUBE



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PRODUCT FEATURES

- Wireless smart PIR motion sensor
- Mounting height: 4...14 m
- Two step dimming: 20 % and 100 % light output
- Network protocol: ZigBee 3.0 (2.4 GHz mesh network)
- Connected tube can be only operated with Connected sensor

PRODUCT BENEFITS

- Multiple sensors can be networked
- Control of compatible products without Internet connection or smart devices
- Easy to install and use

AREAS OF APPLICATION

- For indoor use only (IP54)
- Parking lots, warehouses, production areas, stairways
- Passive infra red sensor for ambient temperatures between -20...+50 °C
- Industry

Product name	GTIN (EAN)	INFRARED	L × W × H [mm]		IP	V _{DC}	t _{th} ²	kHz ECG		
Connected Sensor ST8 HB	4058075232983	Passive infrared (PIR)	95 x 95 x 65	180	IP54	220...240	50 000	50	27	1

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² L70/B50



SubstiTUBE Connected Sensor Remote

Connected Sensor Remote for LEDVANCE Connected Sensor HB and LB



1



1

PRODUCT FEATURES

- Compatible with LEDVANCE Connected Sensor HB and LB (Gen 2)
- Battery included (Lithium, 3 V)

PRODUCT BENEFITS

- LEDVANCE Connected sensor remote control for easy installation
- 3 years guarantee

Product name	GTIN (EAN)	L x W x H [mm]			
CONNECTED SENSOR REMOTE	4058075374034	58x94x8	15	10	1

¹ Refer to www.ledvance.com/guarantee for precise conditions

SubstiTUBE T5 AC^{1,2}

LED tubes for operation on AC mains connection



1



PRODUCT FEATURES

- LED replacement for T5 fluorescent lamps with G5 base on AC mains
- Lamp tube made of glass with splinter protection e.g. for food industry applications
- High color consistency: ≤ 5 SDCM
- Lifetime: up to 50,000 h

PRODUCT BENEFITS

- No bending thanks to glass technology
- Shatter protection thanks to special PET coating
- High luminous flux for sophisticated lighting tasks

AREAS OF APPLICATION

- Offices, public buildings
- Supermarkets and department stores
- Industry
- General illumination within ambient temperatures from -20...+45 °C

Product name	GTIN (EAN)	W/W	mm	mm	W	lm	lm/W	K	°C	CRI	t _h ⁴	h ₀ ⁵	h ₀ ⁵	h ₀ ⁵
SubstiTUBE T5 AC HE14 8 W/3000 K 549 mm	4058075630611	14	G5	549	8	1080	135	3000	160	83	50 000	ED	10	1
SubstiTUBE T5 AC HE14 8 W/4000 K 549 mm	4058075543560	14	G5	549	8	1200	150	4000	160	83	50 000	ED	10	1
SubstiTUBE T5 AC HE14 8 W/6500 K 549 mm	4058075543584	14	G5	549	8	1200	150	6500	160	83	50 000	ED	10	1
NEW SubstiTUBE T5 AC HO24 10 W/3000 K 549 mm	4058075771680	24	G5	549	10	1350	135	3000	160	80	50 000	ED	10	1
NEW SubstiTUBE T5 AC HO24 10 W/4000 K 549 mm	4058075771703	24	G5	549	10	1500	150	4000	160	80	50 000	ED	10	1
NEW SubstiTUBE T5 AC HO24 10 W/6500 K 549 mm	4058075771727	24	G5	549	10	1500	150	6500	160	80	50 000	ED	10	1
NEW SubstiTUBE T5 AC HE21 10 W/3000 K 849 mm	4058075771741	21	G5	849	10	1350	135	3000	160	80	50 000	ED	10	1
NEW SubstiTUBE T5 AC HE21 10 W/4000 K 849 mm	4058075771765	21	G5	849	10	1500	150	4000	160	80	50 000	ED	10	1
NEW SubstiTUBE T5 AC HE21 10 W/6500 K 849 mm	4058075771789	21	G5	849	10	1500	150	6500	160	80	50 000	ED	10	1
NEW SubstiTUBE T5 AC HO39 16 W/3000 K 849 mm	4058075771628	39	G5	849	16	2160	135	3000	160	80	50 000	ED	10	1
NEW SubstiTUBE T5 AC HO39 16 W/4000 K 849 mm	4058075771642	39	G5	849	16	2400	150	4000	160	80	50 000	ED	10	1
NEW SubstiTUBE T5 AC HO39 16 W/6500 K 849 mm	4058075771666	39	G5	849	16	2400	150	6500	160	80	50 000	ED	10	1
SubstiTUBE T5 AC HE28 16 W/3000 K 1149 mm	4058075630581	28	G5	1149	16	2150	134	3000	160	83	50 000	ED	10	1
SubstiTUBE T5 AC HE28 16 W/4000 K 1149 mm	4058075543522	28	G5	1149	16	2400	150	4000	160	83	50 000	ED	10	1
SubstiTUBE T5 AC HE28 16 W/6500 K 1149 mm	4058075543546	28	G5	1149	16	2400	150	6500	160	83	50 000	ED	10	1
SubstiTUBE T5 AC HE35 18 W/3000 K 1449 mm	4058075630567	35	G5	1449	18	2550	141	3000	160	83	50 000	ED	10	1
SubstiTUBE T5 AC HE35 18 W/4000 K 1449 mm	4058075543485	35	G5	1449	18	2800	155	4000	160	83	50 000	ED	10	1
SubstiTUBE T5 AC HE35 18 W/6500 K 1449 mm	4058075543508	35	G5	1449	18	2800	155	6500	160	83	50 000	ED	10	1
SubstiTUBE T5 AC HO49 26 W/3000 K 1449 mm	4058075630543	49	G5	1449	26	3600	138	3000	160	83	50 000	ED	10	1
SubstiTUBE T5 AC HO49 26 W/4000 K 1449 mm	4058075543447	49	G5	1449	26	4000	153	4000	160	83	50 000	ED	10	1
SubstiTUBE T5 AC HO49 26 W/6500 K 1449 mm	4058075543461	49	G5	1449	26	4000	153	6500	160	83	50 000	ED	10	1
SubstiTUBE T5 AC HO54 26 W/3000 K 1149 mm	4058075630529	54	G5	1149	26	3600	138	3000	160	83	50 000	ED	10	1
SubstiTUBE T5 AC HO54 26 W/4000 K 1149 mm	4058075543409	54	G5	1149	26	4000	153	4000	160	83	50 000	ED	10	1
SubstiTUBE T5 AC HO54 26 W/6500 K 1149 mm	4058075543423	54	G5	1149	26	4000	153	6500	160	83	50 000	ED	10	1
SubstiTUBE T5 AC HO80 37 W/3000 K 1449 mm	4058075630505	80	G5	1449	37	5050	136	3000	160	83	50 000	ED	10	1
SubstiTUBE T5 AC HO80 37 W/4000 K 1449 mm	4058075543362	80	G5	1449	37	5600	151	4000	160	83	50 000	ED	10	1
SubstiTUBE T5 AC HO80 37 W/6500 K 1449 mm	4058075543386	80	G5	1449	37	5600	151	6500	160	83	50 000	ED	10	1

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

The operating temperature range of LED tube is restricted. In case of doubt regarding suitability of the application please measure

T_c max temperature on the product prior to installation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

SubstiTUBE T9 EM^{1,2}

Circular LED tube for electromagnetic control gear (CCG) and AC mains



PRODUCT FEATURES


















- LED alternative to classic T9 fluorescent lamps in CCG luminaires
- Uniform illumination
- Lifetime: up to 30,000 h
- Mercury-free and RoHS compliant

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Energy savings of up to 50% (compared to T9 fluorescent lamp on CCG)
- Also suitable for operation at low temperatures
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45 °C
- Corridors, stairways, parking garages
- Domestic applications
- Decorative applications

Product name	GTIN (EAN)													
SubstiTUBE T9 C EM 22 12 W/4000 K G10q	4058075604612	22	G10q	212	12	1320	110	4000	120	≥80	30 000		10	1
SubstiTUBE T9 C EM 22 12 W/6500 K G10q	4058075604650	22	G10q	212	12	1320	110	6500	120	≥80	30 000		10	1
SubstiTUBE T9 C EM 32 20 W/4000 K G10q	4058075604674	32	G10q	300	20	2200	110	4000	120	≥80	30 000		10	2
SubstiTUBE T9 C EM 32 20 W/6500 K G10q	4058075604698	32	G10q	300	20	2200	110	6500	120	≥80	30 000		10	2

SAFETY ADVICE

Not suitable for operation with electronic control gear.

Operation in outdoor applications in suitable damp-proof luminaires possible according to data sheet and installation instruction.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM PRO CLASSIC A¹

LED lamps with classic bulbs



Compatibility list also online:
ledvance.com/compatibility



1



PRODUCT FEATURES

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Dimmable
- Color rendering index R_a: 95

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to a halogen lamp
- Very low energy consumption
- No UV radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{LED}	W _{inc}	W	lm	K	CRI	$\frac{l}{d}$ (mm)	$\frac{d}{d}$ (mm)	Light bulb icon	t _h ⁴	Energy efficiency class ⁵	Energy efficiency class ⁵	Energy efficiency class ⁵
P PRO CLAS A 40 4 W/2700 K E27 ²	4058075591813	40	E27	4	470	2700	≥95	105	60	Clear	15 000	E	10	1
P PRO CLAS A 60 7.5 W/2700 K E27 ²	4058075591790	60	E27	7.5	806	2700	≥95	105	60	Clear	15 000	F	10	1

¹ Protection class: IP20 | ² Dimmable (with many common dimmers, see also www.ledvance.com/dim), all technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ Refer to www.ledvance.com/guarantee for precise conditions |

⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM PRO CLASSIC B¹

LED lamps, classic mini-candle shape



Compatibility list also online:
ledvance.com/compatibility



1



3

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Dimmable
- Color rendering index R_a: 95

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to a halogen lamp
- Very low energy consumption
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W	W	lm	K	CRI	I _{avg} [lm]	d [mm]	Light	t _h [h]	Energy	Energy	Energy	No.
P PRO CLAS B 40 4 W/2700 K E14 ²	4058075591776	40	E14	4	470	2700	≥95	100	35	Clear	15 000	E	10	1

¹ Protection class: IP20 | ² Dimmable (with many common dimmers, see also www.ledvance.com/dim), all technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM PRO CLASSIC P¹

LED lamps, classic mini-ball shape



Compatibility list also online:
ledvance.com/compatibility



1

2



PRODUCT FEATURES

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Dimmable
- Color rendering index R_a: 95

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to a halogen lamp
- Very low energy consumption
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)													
P PRO CLAS P 40 4 W/2700 K E14 ²	4058075591752	40	E14	4	470	2700	≥95	77	45	Clear	15000		10	1
P PRO CLAS P 40 4 W/2700 K E27 ²	4058075591738	40	E27	4	470	2700	≥95	77	45	Clear	15000		10	2

¹ Protection class: IP20 | ² Dimmable (with many common dimmers, see also www.ledvance.com/dim), all technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED LAMPS ENERGY SUPER-EFFICIENT FILAMENT CLASSIC A^{1,2}

LED lamps, classic bulb shape, ENERGY EFFICIENCY CLASS A



PRODUCT FEATURES






















- LED lamps for line voltage
- Beam angle: up to 300°
- Very long lifetime of up to 50,000 h
- Very high number of switching cycles: 500,000
- Luminous efficacy: up to 210 lm/W

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to a halogen lamp
- Very low energy consumption
- Instant 100 % light, no warm-up time
- Low flickering

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product name	GTIN (EAN)													
LED CLAS A 40 2.5 W/3000 K E27	4058075747807	40	E27	2.5	525	3000	≥80	105	60	Clear	50 000		6	1
LED CLAS A 40 2.5 W/3000 K E27	4099854002809	40	E27	2.5	525	3000	≥80	105	60	Frosted	50 000		6	2
LED CLAS A 60 4 W/3000 K E27	4058075747784	60	E27	4	840	3000	≥80	105	60	Clear	50 000		6	1
LED CLAS A 60 4 W/3000 K E27	4099854002786	60	E27	4	840	3000	≥80	105	60	Frosted	50 000		6	2
LED CLAS A 75 5 W/3000 K E27	4099854002823	75	E27	5	1055	3000	≥80	105	60	Clear	50 000		6	3
LED CLAS A 75 5 W/3000 K E27	4099854002847	75	E27	5	1055	3000	≥80	105	60	Frosted	50 000		6	2
LED CLAS A 100 7.2 W/3000 K E27	4099854002861	100	E27	7.2	1521	3000	≥80	105	60	Clear	50 000		6	3
LED CLAS A 100 7.2 W/3000 K E27	4099854002885	100	E27	7.2	1521	3000	≥80	105	60	Frosted	50 000		6	2

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED LAMPS ENERGY SUPER-EFFICIENT FILAMENT CLASSIC Globe^{1,2}

LED lamps, classic ball shape, ENERGY EFFICIENCY CLASS A



PRODUCT FEATURES

- LED lamps for line voltage
- Beam angle: up to 300°
- Very long lifetime of up to 50,000 h
- Very high number of switching cycles: up to 100,000

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to a halogen lamp
- Very low energy consumption
- Instant 100 % light, no warm-up time
- Low flickering

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product name	GTIN (EAN)													
LED GLOBE95 60 4 W/3000 K E27	4099854 002908	60	E27	4	840	3000	≥80	140	95	Clear	50 000		6	1
LED GLOBE95 60 4 W/3000 K E27	4099854 002922	60	E27	4	840	3000	≥80	140	95	Frosted	50 000		6	2

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 |

⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED LAMPS ENERGY SUPER-EFFICIENT FILAMENT CLASSIC EDISON^{1,2}

LED lamps, classic edison shape, ENERGY EFFICIENCY CLASS A



1



PRODUCT FEATURES

- LED lamps for line voltage
- Beam angle: up to 300°
- Very long lifetime of up to 50,000 h
- Very high number of switching cycles: up to 100,000

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to a halogen lamp
- Very low energy consumption
- Instant 100 % light, no warm-up time
- Low flickering

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product name	GTIN (EAN)													
LED EDISON 60 4 W/3000 K E27	4099854002946	60	E27	4	840	3000	≥80	140	64	Clear	50 000		6	1

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SUPERIOR CLASSIC A¹

Dimmable LED lamps, classic bulb shape



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED lamps for line voltage
- Beam angle: up to 300°
- Dimmable
- Color rendering index $R_a \geq 90$

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of $CRI > 90$
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W±W		W	lm	K	CRI	$\frac{l}{d}$ (mm)	ϕ (mm)		t_h ³	η ⁴		No.
SUPERIOR CLAS A 60 5.8 W/2700 K E27	4058075758940	60	E27	5.8	806	2700	≥ 90	105	60	Frosted	15 000		10	1
SUPERIOR CLAS A 60 5.8 W/2700 K E27	4058075758926	60	E27	5.8	806	2700	≥ 90	105	60	Clear	15 000		10	2
SUPERIOR CLAS A 60 5.8 W/4000 K E27	4058075758964	60	E27	5.8	806	4000	≥ 90	105	60	Clear	15 000		10	2
SUPERIOR CLAS A 60 5.8 W/4000 K E27	4058075758988	60	E27	5.8	806	4000	≥ 90	105	60	Frosted	15 000		10	1
SUPERIOR CLAS A 75 7.5 W/2700 K E27	4058075759008	75	E27	7.5	1 055	2700	≥ 90	105	60	Clear	15 000		10	3
SUPERIOR CLAS A 75 7.5 W/2700 K E27	4058075759046	75	E27	7.5	1 055	2700	≥ 90	105	60	Frosted	15 000		10	1
SUPERIOR CLAS A 75 7.5 W/4000 K E27	4058075759107	75	E27	7.5	1 055	4000	≥ 90	105	60	Clear	15 000		10	3
SUPERIOR CLAS A 75 7.5 W/4000 K E27	4058075759220	75	E27	7.5	1 055	4000	≥ 90	105	60	Frosted	15 000		10	1
SUPERIOR CLAS A 100 11 W/2700 K E27	4058075758742	100	E27	11	1 521	2700	≥ 90	105	60	Clear	15 000		10	4
SUPERIOR CLAS A 100 11 W/2700 K E27	4058075758780	100	E27	11	1 521	2700	≥ 90	105	60	Frosted	15 000		10	1
SUPERIOR CLAS A 100 11 W/2700 K B22d	4058075758803	100	B22d	11	1 521	2700	≥ 90	104	60	Frosted	15 000		10	5
SUPERIOR CLAS A 100 11 W/4000 K E27	4058075758841	100	E27	11	1 521	4000	≥ 90	105	60	Clear	15 000		10	4
SUPERIOR CLAS A 100 11 W/4000 K E27	4058075758865	100	E27	11	1 521	4000	≥ 90	105	60	Frosted	15 000		10	1
SUPERIOR CLAS A 100 11 W/4000 K B22d	4058075758889	100	B22d	11	1 521	4000	≥ 90	104	60	Frosted	15 000		10	5

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SUPERIOR CLASSIC B¹

Dimmable LED lamps, classic mini-candle shape



Compatibility list also online:
[ledvance.com/compatibility](https://www.ledvance.com/compatibility)



1

2

3



2

PRODUCT FEATURES

- LED lamps for line voltage
- Beam angle: up to 300°
- Dimmable
- Color rendering index $R_a \geq 90$

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of $CRI > 90$
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W	W	lm	K	CRI	$\frac{l}{d}$ (mm)	$\frac{d}{d}$ (mm)	Light type	t _h °C	Energy efficiency class (EEC)	Energy efficiency class (EEC)	Energy efficiency class (EEC)	Energy efficiency class (EEC)
SUPERIOR CLAS B 40 3.4 W/2700 K E14	4058075758261	40	E14	3.4	470	2700	≥ 90	97	35	Clear	15 000	ED	10	1
SUPERIOR CLAS B 40 3.4 W/2700 K E14	4058075758285	40	E14	3.4	470	2700	≥ 90	100	35	Frosted	15 000	ED	10	2
SUPERIOR CLAS B 40 3.4 W/2700 K B22d	4058075758308	40	B22d	3.4	470	2700	≥ 90	97	35	Frosted	15 000	ED	10	3
SUPERIOR CLAS B 40 3.4 W/4000 K E14	4058075758322	40	E14	3.4	470	4000	≥ 90	97	35	Clear	15 000	ED	10	1
SUPERIOR CLAS B 40 3.4 W/4000 K E14	4058075758346	40	E14	3.4	470	4000	≥ 90	100	35	Frosted	15 000	ED	10	2

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SUPERIOR CLASSIC BA¹

Dimmable LED lamps, classic mini-candle shape



Compatibility list also online:
ledvance.com/compatibility



1



PRODUCT FEATURES

- LED lamps for line voltage
- Beam angle: up to 300°
- Dimmable
- Color rendering index $R_a: \geq 90$

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of $CRI > 90$
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)													
SUPERIOR CLAS BW 40 3.4 W/2700 K E14	4058075758360	40	E14	3.4	470	2700	≥90	121	35	Clear	15000		10	1

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SUPERIOR CLASSIC BW¹

Dimmable LED lamps, classic mini-candle shape



Compatibility list also online:
ledvance.com/compatibility



1

2



2

PRODUCT FEATURES

- LED lamps for line voltage
- Beam angle: up to 300°
- Dimmable
- Color rendering index $R_a \geq 90$

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of $CRI > 90$
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{GE} W		W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]		t _h ³			
SUPERIOR CLAS BW 40 3.4 W/2700 K E14	4058075758384	40	E14	3.4	470	2700	≥ 90	100	35	Frosted	15 000		10	1
SUPERIOR CLAS BW 40 3.4 W/4000 K E14	4058075758407	40	E14	3.4	470	4000	≥ 90	100	35	Clear	15 000		10	2
SUPERIOR CLAS BW 40 3.4 W/4000 K E14	4058075758421	40	E14	3.4	470	4000	≥ 90	100	35	Frosted	15 000		10	1

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SUPERIOR CLASSIC P¹

LED lamps, classic mini-ball shape, dimmable



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED lamps for line voltage
- Beam angle: up to 300°
- Dimmable
- Color rendering index $R_a \geq 90$

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of $CRI > 90$
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{in} W		W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{d}{d}$ [mm]		t _h ³			
SUPERIOR CLAS P 40 3.4 W/2700 K E27	4058075758469	40	E27	3.4	470	2700	≥ 90	77	45	Clear	15 000		10	1
SUPERIOR CLAS P 40 3.4 W/2700 K E27	4058075758506	40	E27	3.4	470	2700	≥ 90	78	45	Frosted	15 000		10	2
SUPERIOR CLAS P 40 3.4 W/2700 K E14	4058075758445	40	E14	3.4	470	2700	≥ 90	77	45	Clear	15 000		10	3
SUPERIOR CLAS P 40 3.4 W/2700 K E14	4058075758483	40	E14	3.4	470	2700	≥ 90	77	45	Frosted	15 000		10	4
SUPERIOR CLAS P 40 3.4 W/4000 K E27	4058075758544	40	E27	3.4	470	4000	≥ 90	78	45	Clear	15 000		10	1
SUPERIOR CLAS P 40 3.4 W/4000 K E27	4058075758582	40	E27	3.4	470	4000	≥ 90	78	45	Frosted	15 000		10	2
SUPERIOR CLAS P 40 3.4 W/4000 K E14	4058075758520	40	E14	3.4	470	4000	≥ 90	77	45	Clear	15 000		10	3
SUPERIOR CLAS P 40 3.4 W/4000 K E14	4058075758568	40	E14	3.4	470	4000	≥ 90	78	45	Frosted	15 000		10	4

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SUPERIOR CLASSIC GLOBE¹

Dimmable LED lamps, classic ball shape



Compatibility list also online:
[ledvance.com/compatibility](https://www.ledvance.com/compatibility)



1 2 3



PRODUCT FEATURES




















- LED lamps for line voltage
- Beam angle: up to 300°
- Dimmable
- Color rendering index $R_a \geq 90$

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of $CRI > 90$
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)													
SUPERIOR GLOBE 100 11 W/2700 K E27	4058075758148	100	E27	11	1521	2700	≥90	168	124	Clear	15 000		10	1
SUPERIOR GLOBE 100 11 W/2700 K E27	4058075758186	100	E27	11	1521	2700	≥90	135	95	Clear	15 000		10	2
SUPERIOR GLOBE 100 11 W/2700 K E27	4058075758209	100	E27	11	1521	2700	≥90	135	95	Frosted	15 000		10	3
SUPERIOR GLOBE 100 11 W/4000 K E27	4058075758162	100	E27	11	1521	4000	≥90	168	124	Clear	15 000		10	1
SUPERIOR GLOBE 100 11 W/4000 K E27	4058075758223	100	E27	11	1521	4000	≥90	135	95	Clear	15 000		10	2
SUPERIOR GLOBE 100 11 W/4000 K E27	4058075758247	100	E27	11	1521	4000	≥90	135	95	Frosted	15 000		10	3

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SUPERIOR CLASSIC EDISON¹

Dimmable LED lamps, classic Edison bulb shape



Compatibility list also online:
ledvance.com/compatibility



1



2

PRODUCT FEATURES

- LED lamps for line voltage
- Beam angle: up to 300°
- Dimmable
- Color rendering index $R_a \geq 90$

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Natural light spectrum with outstanding color rendering of $CRI > 90$
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain
- Very low energy consumption

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{LED}	W _{max}	W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	Light color	t _h ³	Energy efficiency class ⁴	Box	Light bulb
SUPERIOR CLAS ST 60 5.8 W/2700 K E27	4058075758100	60	E27	5.8	806	2700	≥ 90	143	64	Clear	15 000	E D	10	1
SUPERIOR CLAS ST 60 5.8 W/4000 K E27	4058075758124	60	E27	5.8	806	4000	≥ 90	143	64	Clear	15 000	E D	10	1

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM CLASSIC A DIM¹

Dimmable LED lamps, classic bulb shape



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Dimmable
- Base: E27, B22d
- Lifetime: up to 15,000 h

PRODUCT BENEFITS

- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Very low energy consumption
- Robust against vibrations
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{in} W	W _{out}	W	lm	K	CRI	I _{avg} (lm)	Ø d (mm)	Light color	t _h (h)	Energy efficiency class	Energy efficiency class	Energy efficiency class
P CLAS A 40 4.8 W/2700 K E27 ²	4058075591158	40	E27	4.8	470	2700	≥80	105	60	Clear	15 000	E	10	1
P CLAS A 40 4.8 W/2700 K E27 ²	4058075591271	40	E27	4.8	470	2700	≥80	105	60	Frosted	15 000	E	10	2
P CLAS A 60 6.5 W/2700 K B22d ²	4058075591073	60	B22d	6.5	806	2700	≥80	104	60	Clear	15 000	E	10	3
P CLAS A 60 6.5 W/2700 K E27 ²	4058075591172	60	E27	6.5	806	2700	≥80	105	60	Clear	15 000	E	10	1
P CLAS A 60 6.5 W/2700 K E27 ²	4058075591295	60	E27	6.5	806	2700	≥80	105	60	Frosted	15 000	E	10	2
P CLAS A 60 6.5 W/2700 K B22d ²	4058075590854	60	B22d	6.5	806	2700	≥80	104	60	Frosted	15 000	E	10	4
P CLAS A 60 6.5 W/4000 K E27 ²	4058075590830	60	E27	6.5	806	4000	≥80	105	60	Frosted	15 000	E	10	2
P CLAS A 75 7.5 W/2700 K E27 ²	4058075591097	75	E27	7.5	1 055	2700	≥80	105	60	Clear	15 000	E	10	5
P CLAS A 75 7.5 W/2700 K E27 ²	4058075591110	75	E27	7.5	1 055	2700	≥80	105	60	Frosted	15 000	E	10	2
P CLAS A 75 7.5 W/4000 K E27 ²	4058075591059	75	E27	7.5	1 055	4000	≥80	105	60	Frosted	15 000	E	10	2
P CLAS A 100 11 W/2700 K E27	4058075755581	100	E27	11	1 521	2700	≥80	105	60	Clear	15 000	E	10	6
P CLAS A 100 11 W/2700 K E27	4058075756182	100	E27	11	1 521	2700	≥80	105	60	Frosted	15 000	E	10	7
P CLAS A 150 18 W/2700 K E27 ²	4058075592179	150	E27	18	2 452	2700	≥80	128	70	Frosted	15 000	E	10	8

¹ Protection class: IP20 | ² Dimmable (with many common dimmers, see also www.ledvance.com/dim) | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM CLASSIC A^{1,2}

LED lamps, classic bulb shape



LEDVANCE
4 year
guarantee

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Not dimmable
- Base: E27
- Lifetime: up to 15,000 h

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Very low energy consumption
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{LED}	Base	W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{d}{d}$ [mm]	Light type	t _h °C	Energy efficiency class	Beam angle	No.
P CLAS A 40 4 W/2700 K E27 ³	4058075592131	40	E27	4	470	2700	≥80	105	60	Clear	15 000	E	10	1
P CLAS A 40 4 W/2700 K E27 ³	4058075592070	40	E27	4	470	2700	≥80	105	60	Frosted	15 000	E	10	2
P CLAS A 40 4 W/2700 K B22d ³	4058075592155	40	B22d	4	470	2700	≥80	104	60	Clear	15 000	E	10	3
P CLAS A 40 4 W/2700 K B22d ³	4058075592094	40	B22d	4	470	2700	≥80	104	60	Frosted	15 000	E	10	4
P CLAS A 40 4 W/4000 K E27 ³	4058075591714	40	E27	4	470	4000	≥80	105	60	Clear	15 000	E	10	1
P CLAS A 40 4 W/4000 K E27 ³	4058075592056	40	E27	4	470	4000	≥80	105	60	Frosted	15 000	E	10	2
P CLAS A 60 6.5 W/2700 K E27 ³	4058075591936	60	E27	6.5	806	2700	≥80	105	60	Clear	15 000	E	10	2
P CLAS A 60 6.5 W/2700 K B22d ³	4058075591950	60	B22d	6.5	806	2700	≥80	104	60	Frosted	15 000	E	10	4
P CLAS A 60 6.5 W/2700 K B22d ³	4058075591875	60	B22d	6.5	806	2700	≥80	104	60	Clear	15 000	E	10	3
P CLAS A 60 6.5 W/2700 K E27 ³	4058075592032	60	E27	6.5	806	2700	≥80	105	60	Clear	15 000	E	10	5
P CLAS A 60 6.5 W/4000 K E27 ³	4058075591912	60	E27	6.5	806	4000	≥80	105	60	Frosted	15 000	E	10	2
P CLAS A 60 6.5 W/4000 K E27 ³	4058075591998	60	E27	6.5	806	4000	≥80	105	60	Clear	15 000	E	10	5
P CLAS A 75 7.5 W/2700 K E27 ³	4058075591592	75	E27	7.5	1 055	2700	≥80	105	60	Frosted	15 000	E	10	2
P CLAS A 75 7.5 W/2700 K E27 ³	4058075591677	75	E27	7.5	1 055	2700	≥80	105	60	Clear	15 000	E	10	6
P CLAS A 75 7.5 W/4000 K E27 ³	4058075591639	75	E27	7.5	1 055	4000	≥80	105	60	Clear	15 000	E	10	6
P CLAS A 75 7.5 W/4000 K E27 ³	4058075591578	75	E27	7.5	1 055	4000	≥80	105	60	Frosted	15 000	E	10	2
P CLAS A 100 11 W/2700 K E27	4058075756540	100	E27	11	1 521	2700	≥80	105	60	Clear	15 000	E	10	7
P CLAS A 100 11 W/2700 K E27	4058075756526	100	E27	11	1 521	2700	≥80	105	60	Frosted	15 000	E	10	2
P CLAS A 100 11 W/4000 K E27	4058075756502	100	E27	11	1 521	4000	≥80	105	60	Clear	15 000	E	4	7
P CLAS A 150 17 W/2700 K E27 ³	4058075591837	150	E27	17	2 452	2700	≥80	118	70	Frosted	15 000	E	4	8
P CLAS A 150 17 W/4000 K E27 ³	4058075591851	150	E27	17	2 452	4000	≥80	118	70	Frosted	15 000	E	10	8
P CLAS A 200 24 W/2700 K E27	4058075619111	200	E27	24	3 452	2700	≥80	162	95	Frosted	15 000	E	4	9
P CLAS A 200 24 W/4000 K E27	4058075619135	200	E27	24	3 452	4000	≥80	162	95	Frosted	15 000	E	4	9

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value |

⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED VALUE CLASSIC A^{1,2}

LED lamps, classic bulb shape



PRODUCT FEATURES

- LED alternative to conventional lamps
- Not dimmable
- Good color rendering ($R_a \geq 80$) and color stability throughout the life of the lamp

PRODUCT BENEFITS

- Very low energy consumption
- Can be easily fitted instead of ordinary light bulbs

AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{LED}	E	W	lm	K	CRI	$\frac{l}{d}$ (mm)	ϕ d (mm)	Light type	t ₉₀ ⁴	Energy efficiency class ⁵	Box	No.
VALUE CLAS A 40 4 W/2700 K E27 ³	4058075439856	40	E27	4	470	2700	≥80	105	60	Clear	10 000	E	10	1
VALUE CLAS A 40 FR 4.9 W/2700 K E27 ³	4052899326927	40	E27	4.9	470	2700	≥80	95	55	Frosted	10 000	E	10	2
VALUE CLAS A 40 FR 4.9 W/4000 K E27 ³	4058075127081	40	E27	4.9	470	4000	≥80	95	55	Frosted	10 000	E	10	2
VALUE CLAS A 40 FR 4.9 W/6500 K E27 ³	4052899971011	40	E27	4.9	470	6500	≥80	95	55	Frosted	10 000	E	10	2
VALUE CLAS A 60 6.5 W/2700 K E27 ³	4058075819658	60	E27	6.5	806	2700	≥80	105	60	Clear	10 000	E	10	3
VALUE CLAS A 60 FR 8.5 W/2700 K E27 ³	4052899326842	60	E27	8.5	806	2700	≥80	113	60	Frosted	10 000	E	10	4
VALUE CLAS A 60 6.5 W/4000 K E27 ³	4058075288645	60	E27	6.5	806	4000	≥80	105	60	Clear	10 000	E	10	3
VALUE CLAS A 60 FR 8.5 W/4000 K E27 ³	4052899973381	60	E27	8.5	806	4000	≥80	113	60	Frosted	10 000	E	10	4
VALUE CLAS A 60 FR 8.5 W/6500 K E27 ³	4052899326873	60	E27	8.5	806	6500	≥80	113	60	Frosted	10 000	E	10	4
VALUE CLAS A 75 FR 10 W/2700 K E27 ³	4052899971028	75	E27	10	1 055	2700	≥80	118	60	Frosted	10 000	E	10	5
VALUE CLAS A 75 CL 7.5 W/2700 K E27 ³	4058075288669	75	E27	7.5	1 055	2700	≥80	105	60	Clear	10 000	D	10	6
VALUE CLAS A 75 CL 7.5 W/4000 K E27 ³	4058075288683	75	E27	7.5	1 055	4000	≥80	105	60	Clear	10 000	D	10	6
VALUE CLAS A 75 FR 10 W/4000 K E27 ³	4052899973404	75	E27	10	1 055	4000	≥80	118	60	Frosted	10 000	E	10	5
VALUE CLAS A 75 FR 10 W/6500 K E27 ³	4052899971035	75	E27	10	1 055	6500	≥80	118	60	Frosted	10 000	E	10	5
VALUE CLAS A 100 11 W/2700 K E27 ³	4058075438514	100	E27	11	1 521	2700	≥80	105	60	Clear	10 000	D	10	7
VALUE CLAS A 100 FR 13 W/2700 K E27 ³	4052899971097	100	E27	13	1 521	2700	≥80	118	60	Frosted	10 000	E	10	8
VALUE CLAS A 100 11 W/4000 K E27 ³	4058075439597	100	E27	11	1 521	4000	≥80	105	60	Clear	10 000	D	10	7
VALUE CLAS A 100 FR 13 W/4000 K E27 ³	4052899973428	100	E27	13	1 521	4000	≥80	118	60	Frosted	10 000	E	10	8
VALUE CLAS A 100 FR 13 W/6500 K E27 ³	4052899971042	100	E27	13	1 521	6500	≥80	118	60	Frosted	10 000	E	10	8

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM CLASSIC B DIM¹

Dimmable LED lamps, classic bulb shape



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES




















- Professional LED lamps for line voltage
- Dimmable
- Lifetime: up to 15,000 h
- Beam angle: up to 300°

PRODUCT BENEFITS

- Design, dimensions, luminous flux comparable to an incandescent lamp
- Very low energy consumption
- Robust against vibrations
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)														
P CLAS B 40 4.8 W/2700 K E14 ²	4058075591219	40	E14	4.8	470	2700	≥80	97	35	Clear	15000		10	1	
P CLAS B 40 4.8 W/2700 K E27 ²	4058075590670	40	E27	4.8	470	2700	≥80	95	35	Clear	15000		10	2	
P CLAS B 40 4.8 W/2700 K E14 ²	4058075591257	40	E14	4.8	470	2700	≥80	97	35	Frosted	15000		10	3	
P CLAS B 40 4.8 W/2700 K B22d ²	4058075590755	40	B22d	4.8	470	2700	≥80	94	35	Frosted	15000		10	4	
P CLAS B 60 5.5 W/2700 K E14 ²	4058075590717	60	E14	5.5	806	2700	≥80	100	35	Frosted	15000		10	3	

¹ Protection class: IP20 | ² Dimmable (with many common dimmers, see also www.ledvance.com/dim) | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM Retrofit CLASSIC B^{1,2}

LED lamps, classic mini-candle shape



PRODUCT FEATURES

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Not dimmable
- Base: E14
- Lifetime: up to 15,000 h

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{act}	W _{max}	W	lm	K	CRI	l _{ax} [mm]	Ø _d [mm]	Light bulb icon	t _h ⁵	Energy efficiency class ⁶	Box icon	No.
P CLAS B 25 2.5 W/2700 K E14 ³	4058075590533	25	E14	2.5	250	2700	≥80	100	35	Clear	15 000	F	10	1
P CLAS B 25 2.5 W/2700 K B22d ³	4058075590274	25	B22d	2.5	250	2700	≥80	91	35	Clear	15 000	F	10	2
P CLAS B 25 2.5 W/2700 K E14 ³	4058075590519	25	E14	2.5	250	2700	≥80	100	35	Frosted	15 000	F	10	3
P CLAS B 40 4 W/2700 K E14	4058075590458	40	E14	4	470	2700	≥80	100	35	Clear	15 000	F	10	4
P CLAS B 40 4 W/2700 K B22d	4058075591516	40	B22d	4	470	2700	≥80	91	35	Clear	15 000	F	10	5
P CLAS B 40 4 W/2700 K E27	4058075591479	40	E27	4	470	2700	≥80	92	35	Clear	15 000	F	10	6
P CLAS B 40 4 W/2700 K B22d	4058075591899	40	B22d	4	470	2700	≥80	91	35	Frosted	15 000	F	10	7
P CLAS B 40 4 W/2700 K E14	4058075590359	40	E14	4	470	2700	≥80	100	35	Frosted	15 000	F	10	3
P CLAS B 40 4 W/4000 K E14	4058075591493	40	E14	4	470	4000	≥80	100	35	Clear	15 000	F	10	4
P CLAS B 60 5.5 W/2700 K E14 ³	4058075591011	60	E14	5.5	806	2700	≥80	100	35	Clear	15 000	F	10	4
P CLAS B 60 5.5 W/2700 K E14 ³	4058075591035	60	E14	5.5	806	2700	≥80	100	35	Frosted	15 000	F	10	8

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM CLASSIC BA^{1,2}

LED lamps, classic bulb shape



1



PRODUCT FEATURES

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Not dimmable
- Base: E14
- Lifetime: up to 15,000 h

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Very low energy consumption
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)													
P CLAS BA 40 4 W/2700 K E14 ³	4058075590250	40	E14	4	470	2700	≥80	121	35	Clear	15 000		10	1

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value |

⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM CLASSIC BW^{1,2}

LED lamps, classic bulb shape



1



PRODUCT FEATURES

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Not dimmable
- Base: E14
- Lifetime: up to 15,000 h

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{act}	Base	W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	Light bulb icon	t _h ⁵	Energy efficiency class ⁶	Box icon	No.
P CLAS BW 40 4 W/2700 K E14 ³	4058075590236	40	E14	4	470	2700	≥80	100	35	Clear	15 000		10	1

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED VALUE CLASSIC B^{1,2}

LED lamps, classic mini-candle shape



PRODUCT FEATURES

- LED alternative to conventional lamps
- Not dimmable
- Good color rendering ($R_a \geq 80$) and color stability throughout the life of the lamp

PRODUCT BENEFITS

- Very low energy consumption
- Simple direct replacement for conventional incandescent lamps
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- General illumination
- Domestic applications
- Chandeliers
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{LED}	E	W	lm	K	CRI	$\frac{l}{d}$ (mm)	ϕ d (mm)	Light color	t ₉₀ ⁴	Energy efficiency class ⁵	Box	No.
VALUE CLAS B 40 4 W/2700 K E14 ³	4058075438637	40	E14	4	470	2700	≥ 80	100	35	Clear	10 000	E	10	1
VALUE CLAS B 40 FR 4.9 W/2700 K E14 ³	4052899326453	40	E14	4.9	470	2700	≥ 80	100	37	Frosted	10 000	E	10	2
VALUE CLAS B 40 FR 4.9 W/4000 K E14 ³	4052899973367	40	E14	4.9	470	4000	≥ 80	100	37	Frosted	10 000	F	10	2
VALUE CLAS B 40 FR 4.9 W/6500 K E14 ³	4052899971066	40	E14	4.9	470	6500	≥ 80	100	37	Frosted	10 000	F	10	2
VALUE CLAS B 60 FR 7 W/2700 K E14 ³	4058075152915	60	E14	7	806	2700	≥ 80	115	39	Frosted	10 000	E	10	3

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM Retrofit CLASSIC P DIM¹

Dimmable LED lamps, classic bulb shape



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- Professional LED lamps for line voltage
- Dimmable
- Lifetime: up to 15,000 h
- Beam angle: up to 300°

PRODUCT BENEFITS

- Design, dimensions, luminous flux comparable to an incandescent lamp
- Very low energy consumption
- Robust against vibrations
- Lamps with innovative LED „filament“ technology
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{max}	Base	W	lm	K	CRI	I _{avg} [lm]	Ø d [mm]	Light color	t _h [h]	Energy label	Energy label	Energy label
P CLAS P 25 2.8 W/2700 K E14 ²	4058075591134	25	E14	2.8	250	2700	≥80	78	45	Frosted	15 000		10	1
P CLAS P 25 2.8 W/2700 K E27 ²	4058075590816	25	E27	2.8	250	2700	≥80	77	45	Frosted	15 000		10	2
P CLAS P 40 4.8 W/2700 K E27 ²	4058075590694	40	E27	4.8	470	2700	≥80	77	45	Clear	15 000		10	3
P CLAS P 40 4.8 W/2700 K E14 ²	4058075591196	40	E14	4.8	470	2700	≥80	78	45	Clear	15 000		10	4
P CLAS P 40 4.8 W/2700 K E14 ²	4058075591233	40	E14	4.8	470	2700	≥80	78	45	Frosted	15 000		10	1
P CLAS P 40 4.8 W/2700 K E27 ²	4058075590779	40	E27	4.8	470	2700	≥80	77	45	Frosted	15 000		10	2
P CLAS P 40 4.8 W/2700 K B22d ²	4058075590793	40	B22d	4.8	470	2700	≥80	76	45	Frosted	15 000		10	5
P CLAS P 60 6.5 W/2700 K E14 ²	4058075590731	60	E14	6.5	806	2700	≥80	78	45	Frosted	15 000		10	1

¹ Protection class: IP20 | ² Dimmable (with many common dimmers, see also www.ledvance.com/dim) | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM CLASSIC P^{1,2}

LED lamps, classic mini-ball shape



LEDVANCE
4 year
guarantee

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Not dimmable
- Lifetime: up to 15,000 h

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Very low energy consumption
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{in} W	W	lm	K	CRI	l _{avg} (mm)	∅ (mm)	Light type	t _h ⁵	Energy efficiency ⁶	Energy efficiency ⁶	Energy efficiency ⁶
P CLAS P 15 1.5 W/2700 K E27 ³	4058075590557	15	E27	1.5	136	2700	≥80	77	45	Clear	15 000	10	1
P CLAS P 25 2.5 W/2700 K E14 ³	4058075590472	25	E14	2.5	250	2700	≥80	77	45	Clear	15 000	10	2
P CLAS P 25 2.5 W/2700 K E27 ³	4058075590410	25	E27	2.5	250	2700	≥80	77	45	Clear	15 000	10	1
P CLAS P 25 2.5 W/2700 K E14 ³	4058075590496	25	E14	2.5	250	2700	≥80	77	45	Frosted	15 000	10	3
P CLAS P 25 2.5 W/2700 K E27 ³	4058075590212	25	E27	2.5	250	2700	≥80	77	45	Frosted	15 000	10	4
P CLAS P 40 4 W/2700 K E14 ³	4058075590397	40	E14	4	470	2700	≥80	77	45	Clear	15 000	10	5
P CLAS P 40 4 W/2700 K E14 ³	4058075590335	40	E14	4	470	2700	≥80	77	45	Frosted	15 000	10	3
P CLAS P 40 4 W/2700 K B22d ³	4058075591370	40	B22d	4	470	2700	≥80	76	45	Frosted	15 000	10	6
P CLAS P 40 4 W/2700 K E27 ³	4058075591356	40	E27	4	470	2700	≥80	77	45	Frosted	15 000	10	4
P CLAS P 60 5.5 W/2700 K E14 ³	4058075590977	60	E14	5.5	806	2700	≥80	77	45	Clear	15 000	10	5
P CLAS P 60 5.5 W/2700 K E27 ³	4058075590953	60	E27	5.5	806	2700	≥80	77	45	Clear	15 000	10	7
P CLAS P 60 5.5 W/2700 K E14 ³	4058075590991	60	E14	5.5	806	2700	≥80	77	45	Frosted	15 000	10	8

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value |

⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED VALUE CLASSIC P^{1,2}

LED lamps, classic mini-ball shape



1 2 3

PRODUCT FEATURES

- LED alternative to conventional lamps
- Not dimmable
- Good color rendering ($R_a \geq 80$) and color stability throughout the life of the lamp

PRODUCT BENEFITS

- Very low energy consumption
- Simple direct replacement for conventional incandescent lamps
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- General illumination
- Domestic applications
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _Δ W		W	lm	K	CRI							
VALUE CLAS P 40 4 W/2700 K E14 ³	4058075438590	40	E14	4	470	2700	≥80	77	45	Clear	10 000		10	1
VALUE CLAS P 40 FR 4.9 W/2700 K E14 ³	4058075147898	40	E14	4.9	470	2700	≥80	82	45	Frosted	10 000		10	2
VALUE CLAS P 40 FR 4.9 W/4000 K E14 ³	4058075147911	40	E14	4.9	470	4000	≥80	82	45	Frosted	10 000		10	2
VALUE CLAS P 40 FR 4.9 W/6500 K E14 ³	4058075127630	40	E14	4.9	470	6500	≥80	82	45	Frosted	10 000		10	2
VALUE CLAS P 60 FR 7 W/2700 K E14 ³	4058075152939	60	E14	7	806	2700	≥80	90	47	Frosted	10 000		10	3

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM CLASSIC GLOBE^{1,2}

LED lamps, classic ball shape



LEDVANCE
4 year
guarantee

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime: up to 15,000 h
- Beam angle: up to 360°

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Very low energy consumption
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{LED}		W	lm	K	CRI							
P GLOBE 25 2.5 W/2700 K E27 ³	4058075590656	25	E27	2.5	250	2700	≥80	168	124	Clear	15 000		10	1
P GLOBE 40 4 W/2700 K E27 ³	4058075591455	40	E27	4	470	2700	≥80	168	124	Clear	15 000		10	2
P GLOBE 60 6.5 W/2700 K E27 ³	4058075591431	60	E27	6.5	806	2700	≥80	168	124	Clear	15 000		10	2
P GLOBE 60 6.5 W/2700 K E27 ³	4058075591417	60	E27	6.5	806	2700	≥80	135	95	Frosted	15 000		6	3
P GLOBE 100 11 W/2700 K E27 ³	4058075590618	100	E27	11	1 521	2700	≥80	135	95	Frosted	15 000		6	3

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value |

⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM CLASSIC GLOBE DIM¹

LED lamps, classic ball shape



Compatibility list also online:
ledvance.com/compatibility



1



3

PRODUCT FEATURES

- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Lifetime: up to 15,000 h
- Beam angle: up to 360°
- Professional LED lamps for line voltage

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Very low energy consumption
- Can be easily fitted instead of ordinary light bulbs
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{LED}		W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]		t _h ⁴			
P GLOBE 75 7.5 W/2700 K E27 ²	4058075590915	75	E27	7.5	1 055	2 700	≥80	135	95	Frosted	15 000		6	1
P GLOBE 100 11 W/2700 K E27 ²	4058075590939	100	E27	11	1 521	2 700	≥80	135	95	Frosted	15 000		6	1

¹ Protection class: IP20 | ² Dimmable (with many common dimmers, see also www.ledvance.com/dim), all technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ Refer to www.ledvance.com/guarantee for precise conditions |

⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM CLASSIC ST^{1,2}

LED lamps, classic Edison bulb shape



LEDVANCE
4 year
guarantee

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime: up to 15,000 h
- Beam angle: up to 360°

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Very low energy consumption
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W	W	lm	K	CRI	$\frac{l}{d}$ (mm)	$\frac{d}{d}$ (mm)	Light bulb icon	t _h ⁵	Energy efficiency class ⁶	Energy efficiency class ⁶	Energy efficiency class ⁶	No.
P CLAS ST 40 4 W/2700 K E27 ³	4058075590595	40	E27	4	470	2700	≥80	143	64	Frosted	15 000	LED	10	1
P CLAS ST 40 4 W/2700 K E27 ³	4058075590632	40	E27	4	470	2700	≥80	143	64	Clear	15 000	LED	10	2
P CLAS ST 55 6.5 W/2700 K E27 ³	4058075590571	55	E27	6.5	730	2700	≥80	143	64	Frosted	15 000	LED	10	1

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value |

⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM CLASSIC A DIM¹

Dimmable LED lamps, classic bulb shape



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- Professional LED lamps for line voltage
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Long lifetime: up to 25,000 h
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Low energy consumption
- High color consistency thanks to narrow binning
- Easy replacement of classic lamps thanks to compact design

AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{GE}	W _{LED}	W	lm	K	CRI	I _{avg} [lm]	d [mm]	Light type	t _h [h]	Energy efficiency class	Energy efficiency class	Energy efficiency class
P CLAS A 60 FR 8.8 W/2700 K E27 ²	4058075594180	60	E27	8.8	806	2700	≥80	105	60	Frosted	25 000	A	10	1
P CLAS A 75 FR 10.5 W/2700 K E27 ²	4058075594203	75	E27	10.5	1 055	2700	≥80	105	60	Frosted	25 000	A	10	2
P CLAS A 100 FR 14 W/2700 K E27 ²	4058075594227	100	E27	14	1 521	2700	≥80	115	60	Frosted	25 000	A	10	3
P CLAS A 150 FR 20 W/2700 K E27 ²	4058075594241	150	E27	20	2 452	2700	≥80	141	70	Frosted	25 000	A	10	4

¹ Protection class: IP20 | ² Dimmable (with many common dimmers, see also www.ledvance.com/dim) | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM CLASSIC A^{1,2}

LED lamps, classic bulb shape



LEDVANCE
4 year
guarantee

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime: up to 15,000 h
- Good quality of light;
color rendering index $R_a \geq 80$;
constant chromaticity

PRODUCT BENEFITS

- Low energy consumption
- Easy replacement of classic lamps
thanks to compact design
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only
(minimum IP65)

Product name	GTIN (EAN)	W _{in} W	Base	W	lm	K	CRI	$\frac{l}{d}$ [mm]	ϕ [mm]	Light	t _h ⁵	Energy efficiency class ⁶	Energy efficiency class ⁶	No.
P CLAS A 40 FR 4.9 W/2700 K E27 ³	4058075593275	40	E27	4.9	470	2700	≥80	95	55	Frosted	15 000	F	10	1
P CLAS A 40 FR 4.9 W/4000 K E27 ³	4058075593299	40	E27	4.9	470	4000	≥80	95	55	Frosted	15 000	F	10	1
P CLAS A 60 FR 8.5 W/2700 K E27 ³	4058075593176	60	E27	8.5	806	2700	≥80	113	60	Frosted	15 000	F	10	2
P CLAS A 60 FR 8.5 W/2700 K B22d ³	4058075593213	60	B22d	8.5	806	2700	≥80	112	60	Frosted	15 000	F	10	3
P CLAS A 60 FR 8.5 W/4000 K E27 ³	4058075593190	60	E27	8.5	806	4000	≥80	113	60	Frosted	15 000	F	10	2
P CLAS A 75 FR 10 W/2700 K E27 ³	4058075593091	75	E27	10	1055	2700	≥80	118	60	Frosted	15 000	F	10	4
P CLAS A 75 FR 10 W/4000 K E27 ³	4058075593114	75	E27	10	1055	4000	≥80	118	60	Frosted	15 000	F	10	4
P CLAS A 100 FR 13 W/2700 K E27 ³	4058075593138	100	E27	13	1521	2700	≥80	118	60	Frosted	15 000	F	10	5
P CLAS A 100 FR 13 W/4000 K E27 ³	4058075593152	100	E27	13	1521	4000	≥80	118	60	Frosted	15 000	F	10	5
P CLAS A 150 FR 19 W/2700 K E27 ³	4058075593077	150	E27	19	2452	2700	≥80	129	68	Frosted	15 000	F	10	6

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value |

⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED STAR CLASSIC A FOR LOW VOLTAGE^{1,2}

LED lamps, classic bulb shape



1



3

PRODUCT FEATURES
















- LED lamp for low voltage power system (AC/DC 12V-36V)
- Not dimmable
- Mercury-free lamps

PRODUCT BENEFITS

- Fit for off-grid use
- Low energy consumption

AREAS OF APPLICATION

- Battery power system without main connection
- Camping, Camper, Garden house
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)													
ST CLAS A 45 12-36 V FR 6.5 W/4000 K E27	4058075757608	45	E27	6.5	600	4000	≥80	118	60	Frosted	20000		6	1
ST CLAS A 65 12-36 V FR 9 W/4000 K E27	4058075757622	65	E27	9	940	4000	≥80	118	60	Frosted	20000		6	1

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 |

⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM CLASSIC B DIM¹

Dimmable LED lamps, classic mini-candle shape



Compatibility list also online:
ledvance.com/compatibility



1



3

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Dimmable
- Lifetime: up to 25,000 h
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Low energy consumption
- High color consistency thanks to narrow binning
- Easy replacement of classic lamps thanks to compact design

AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W	W	lm	K	CRI	I [mm]	d [mm]	Light bulb icon	t [h]	Energy efficiency class (EEC)	Energy efficiency class (EEC)	Energy efficiency class (EEC)	Energy efficiency class (EEC)
P CLAS B 40 FR 4.9 W/2700 K E14 ²	4058075594265	40	E14	4.9	470	2700	≥ 80	102	35	Frosted	25 000		10	1

¹ Protection class: IP20 | ² All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value. In preparation | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM CLASSIC B^{1,2}

LED lamps, classic mini-candle shape



1



PRODUCT FEATURES

- Professional LED lamps for line voltage
- Beam angle: up to 300°
- Not dimmable
- Base: E14
- Lifetime: up to 15,000 h

PRODUCT BENEFITS

- Lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{ΔW}	E	W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	Light bulb icon	t _h ⁴	Energy efficiency class ⁵	Box icon	No.
P CLAS B 40 FR 4.9 W/2700 K E14	4058075593237	40	E14	4.9	470	2700	≥80	100	37	Frosted	15 000	Energy efficiency class icon	10	1

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM CLASSIC P DIM¹

Dimmable LED lamps, classic mini-ball shape



Compatibility list also online:
ledvance.com/compatibility



1



3

PRODUCT FEATURES

- Professional LED lamps for line voltage
- Dimmable
- Long lifetime: up to 25,000 h
- Good quality of light; color rendering index R_a : ≥ 80 ; constant chromaticity

PRODUCT BENEFITS

- Low energy consumption
- High color consistency thanks to narrow binning
- Easy replacement of classic lamps thanks to compact design

AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W	W	lm	K	CRI	$\frac{l}{d}$ (mm)	$\frac{d}{d}$ (mm)	Light bulb icon	t _h ⁴	Energy efficiency class ⁵	Energy efficiency class ⁵	Energy efficiency class ⁵	No.
P CLAS P 40 FR 4.9 W/2700 K E14 ²	4058075594289	40	E14	4.9	470	2700	≥ 80	80	45	Frosted	25 000		10	1

¹ Protection class: IP20 | ² Dimmable (with many common dimmers, see also www.ledvance.com/dim), all technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ Refer to www.ledvance.com/guarantee for precise conditions |

⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM CLASSIC P^{1,2}

LED lamps, classic mini-ball shape



1



PRODUCT FEATURES

- Professional LED lamps for line voltage
- Not dimmable
- Lifetime: up to 15,000 h
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Low energy consumption
- Easy replacement of classic lamps thanks to compact design
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)													
P CLAS P 40 FR 4.9 W/2700 K E14 ³	4058075593251	40	E14	4.9	470	2700	≥80	82	45	Frosted	15 000		10	1

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SUPERIOR STICK¹

Dimmable LED lamps, classic Stick shape, natural daylight



Compatibility list also online:
[ledvance.com/compatibility](https://www.ledvance.com/compatibility)



1



2

PRODUCT FEATURES

- LED lamps for line voltage
- Beam angle: up to 300°
- Dimmable
- Color rendering index $R_a \geq 90$

PRODUCT BENEFITS

- Natural light spectrum with outstanding color rendering of $CRI \geq 90$
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain
- Very low energy consumption
- Low flickering

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{LED}		W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\varnothing d$ [mm]		t_{90} ³			
SST PLUS STICK 75 11 W/2700 K E27	4058075759602	75	E27	11	1 000	2 700	≥ 90	121	44	Frosted	15 000		10	1
SST PLUS STICK 75 11 W/4000 K E27	4058075759626	75	E27	11	1 050	4 000	≥ 90	121	44	Frosted	15 000		10	1
SST PLUS STICK 75 11 W/6500 K E27	4058075759640	75	E27	11	1 050	6 500	≥ 90	121	44	Frosted	15 000		10	1

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM STICK^{1,2}

LED lamps, classic stick shape



1



PRODUCT FEATURES

- LED alternative to conventional lamps
- Lifetime: up to 15,000 h
- Not dimmable
- Good quality of light; color rendering index R_a : ≥ 80 ; constant chromaticity

PRODUCT BENEFITS

- Low energy consumption
- Attractive lamp appearance
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- All domestic rooms, especially where the lamps are visible
- Wherever compact and efficient lamps are needed
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{LED}	W _{inc}	W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\varnothing d$ [mm]	Light type	t _h ⁵	Energy efficiency class ⁶	RoHS	No.
P STICK 60 FR 8 W/2700 K E27 ³	4058075593374	60	E27	8	806	2700	≥ 80	116	36	Frosted	15 000	E	10	1
P STICK 60 FR 8 W/4000 K E27 ³	4058075593312	60	E27	8	806	4000	≥ 80	116	36	Frosted	15 000	E	10	1
P STICK 75 FR 9 W/2700 K E27 ³	4058075593350	75	E27	9	1 050	2700	≥ 80	116	36	Frosted	15 000	E	10	1
P STICK 75 FR 9 W/4000 K E27 ³	4058075593336	75	E27	9	1 050	4000	≥ 80	116	36	Frosted	15 000	E	10	1

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED LAMPS ENERGY SUPER-EFFICIENT REFLECTOR^{1,2}

LED reflector lamps PAR16, ENERGY EFFICIENCY CLASS B



1



PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- Very long lifetime of up to 50,000 h
- Luminous efficacy: up to 180 lm/W
- High color consistency: ≤ 6 SDCM
- Very high number of switching cycles: up to 100,000

PRODUCT BENEFITS

- Design, dimensions, luminous flux comparable to a halogen lamp
- Very low energy consumption
- Instant 100 % light, no warm-up time
- Low flickering

AREAS OF APPLICATION

- Domestic applications
- General illumination
- Outdoor use in suitable outdoor luminaires only

Product name	GTIN (EAN)	$w \leq W$		W	lm	K	CRI	$\frac{l}{(mm)}$	$\varnothing \frac{d}{(mm)}$	t_{1h} ⁴	 ⁵		 No.
LED PAR16 50 36° 2.2 W/2700 K GU10	4099854002960	50	GU10	2.2	350	2700	80	55	50	50 000		6	1

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 |

⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SUPERIOR REFLECTOR PAR16¹

Dimmable LED reflector lamps PAR16 with bajonett base, natural daylight



Compatibility list also online:
ledvance.com/compatibility



1

2



PRODUCT FEATURES

- LED alternative to conventional low voltage lamps
- Dimmable
- Base: GU10
- Color rendering index $R_a \geq 90$
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of $CRI > 90$
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{max}	W	lm	K	CRI	$\frac{l}{d}$ [mm]	ϕ d [mm]	t _h °C	Energy efficiency class (EEC)	Number of lamps per box	Number of lamps per box
SST PLUS SPOT PAR16 50 120° 4.1 W/2700 K 220...240 V GU10	4058075757820	32	GU10	4.1	350	2700	≥ 90	55	50	25 000	10	1
SST PLUS SPOT PAR16 50 120° 4.1 W/4000 K 220...240 V GU10	4058075757844	32	GU10	4.1	350	4000	≥ 90	55	50	25 000	10	1
SST PLUS SPOT PAR16 35 36° 3.7 W/2700 K GU10	4058075757783	35	GU10	3.7	230	2700	≥ 90	54	50	25 000	10	2
SST PLUS SPOT PAR16 35 36° 3.7 W/4000 K GU10	4058075757806	35	GU10	3.7	230	4000	≥ 90	54	50	25 000	10	2
SST PLUS SPOT PAR16 80 120° 6.7 W/2700 K 220...240 V GU10	4058075757905	46	GU10	6.7	575	2700	≥ 90	55	50	25 000	10	1
SST PLUS SPOT PAR16 80 120° 6.7 W/4000 K 220...240 V GU10	4058075757929	46	GU10	6.7	575	4000	≥ 90	55	50	25 000	10	1
SST PLUS SPOT PAR16 50 36° 4.7 W/2700 K GU10	4058075757868	50	GU10	4.7	350	2700	≥ 90	54	50	25 000	10	2
SST PLUS SPOT PAR16 50 36° 4.7 W/4000 K GU10	4058075757882	50	GU10	4.7	350	4000	≥ 90	54	50	25 000	10	2

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SUPERIOR REFLECTOR MR16¹

Dimmable LED reflector lamps MR16 with pin base, natural daylight



Compatibility list also online:
ledvance.com/compatibility



1



PRODUCT FEATURES

- LED alternative to conventional low voltage lamps
- Dimmable
- Base: GU5.3
- Color rendering index $R_a: \geq 90$
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of $CRI > 90$
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{in} W	W _{in}	W	lm	K	CRI	$\frac{l}{d}$ [mm]	ϕ d [mm]	t _h ³	⁴		
SST PLUS SPOT MR16 35 36° 5 W/2700 K GU5.3	4058075757684	35	GU5.3	5	350	2700	≥ 90	44	50	25 000		10	1
SST PLUS SPOT MR16 35 36° 5 W/4000 K GU5.3	4058075757707	35	GU5.3	5	350	4000	≥ 90	44	50	25 000		10	1
SST PLUS SPOT MR16 50 36° 8 W/2700 K GU5.3	4058075757745	50	GU5.3	8	621	2700	≥ 90	44	50	25 000		10	1
SST PLUS SPOT MR16 50 36° 8 W/4000 K GU5.3	4058075757769	50	GU5.3	8	621	4000	≥ 90	44	50	25 000		10	1

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SUPERIOR R63¹

Dimmable LED reflector lamps R63 with screw base, natural daylight



Compatibility list also online:
ledvance.com/compatibility



1



2

PRODUCT FEATURES

- LED alternative to conventional low voltage lamps
- Dimmable
- Base: E27
- Color rendering index $R_a: \geq 90$
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of $CRI > 90$
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{LED}	W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	t _h ³	$\frac{l}{d}$ ⁴	Energy efficiency class	No.	No.
SST PLUS SPOT R63 60 36° 4.8 W/2700 K E27	4058075759701	60	E27	4.8	345	2700	≥ 90	102	63	25 000		10	1

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SUPERIOR PLUS R80¹

Dimmable LED reflector lamps R80 with screw base, natural daylight



Compatibility list also online:
ledvance.com/compatibility



1



PRODUCT FEATURES

- LED alternative to conventional low voltage lamps
- Dimmable
- Base: E27
- Color rendering index $R_a: \geq 90$
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of $CRI > 90$
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	$w \geq W$	M	W	lm	K	CRI	$\frac{l}{d}$ (mm)	$\frac{\varnothing}{d}$ (mm)	$t_{[h]}$ ³	$\frac{l}{d}$ ⁴		
SST PLUS SPOT R80 60 36° 4.8 W/2700 K E27	4058075759725	60	E27	4.8	345	2700	≥ 90	113	80	25000		10	1

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SUPERIOR R50¹

Dimmable LED reflector lamps R50 with screw base, natural daylight



Compatibility list also online:
ledvance.com/compatibility



1



2

PRODUCT FEATURES














- LED alternative to conventional low voltage lamps
- Dimmable
- Base: E14
- Color rendering index $R_a \geq 90$
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to a halogen lamp
- Natural light spectrum with outstanding color rendering of $CRI > 90$
- Greatly reduced blue component
- Improved visual comfort and reduced eye strain

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)												
SST PLUS SPOT R50 60 36° 4.8 W/2700 K E14	4058075759664	60	E14	4.8	345	2700	≥90	85	50	25 000		10	1
SST PLUS SPOT R50 60 36° 4.8 W/4000 K E14	4058075759688	60	E14	4.8	345	4000	≥90	85	50	25 000		10	1

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM PRO PAR16¹

Dimmable LED reflector lamps PAR16 with retrofit pin base



Compatibility list also online:
ledvance.com/compatibility



1 2



PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 3 SDCM
- Dimmable
- Base: GU10
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W Δ W		W	lm	cd	K	CRI		\varnothing d (mm)	t _h ³			
PPRO PAR16 35 36° 3.4 W/2700 K GU10 DIM	4058075797475	35	GU10	3.4	230	400	2700	97	36	50	40 000		10	1
PPRO PAR16 35 36° 3.4 W/3000 K GU10 DIM	4058075797499	35	GU10	3.4	230	400	3000	97	36	50	40 000		10	1
PPRO PAR16 35 36° 3.4 W/4000 K GU10 DIM	4058075797512	35	GU10	3.4	230	400	4000	97	36	50	40 000		10	1
PPRO PAR 16 50 36° 6 W/2700 K GU10 DIM	4058075608450	50	GU10	6	350	700	2700	97	36	50	40 000		10	1
PPRO PAR 16 50 36° 6 W/3000 K GU10 DIM	4058075608436	50	GU10	6	350	700	3000	97	36	50	40 000		10	1
PPRO PAR 16 50 36° 6 W/4000 K GU10 DIM	4058075608412	50	GU10	6	350	700	4000	97	36	50	40 000		10	1
PPRO PAR 16 80 36° 9.5 W/2700 K GU10 DIM	4058075608955	80	GU10	9.5	575	840	2700	97	36	50	40 000		10	2
PPRO PAR 16 80 36° 9.5 W/3000 K GU10 DIM	4058075608931	80	GU10	9.5	575	840	3000	97	36	50	40 000		10	2
PPRO PAR 16 80 36° 9.5 W/4000 K GU10 DIM	4058075608917	80	GU10	9.5	575	840	4000	97	36	50	40 000		10	2

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM DIM PAR16¹

Dimmable LED reflector lamps PAR16 with retrofit pin base



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 5 SDCM
- Dimmable
- Base: GU10
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _W		W	lm	cd	K	CRI		\varnothing d (mm)	t _h ⁵			
P PAR 16 50 36° 4.8 W/2700 K E14 ²	4058075607699	50	E14	4.8	350	600	2700	≥ 90	36	50	25 000		10	1
P PAR16 DIM 80 120° 7.9 W/2700 K 220...240 V GU10	4058075609013	51	GU10	7.9	650	210	2700	≥ 90	120	50	25 000		10	2
P PAR16 DIM 80 120° 7.9 W/3000 K 220...240 V GU10	4058075608993	51	GU10	7.9	650	210	3000	≥ 90	120	50	25 000		10	2
P PAR16 DIM 80 120° 7.9 W/4000 K 220...240 V GU10	4058075608979	51	GU10	7.9	650	210	4000	≥ 90	120	50	25 000		10	2
P PAR16 80 60° 8.3 W/2700 K GU10 DIM	4058075609075	80	GU10	8.3	575	560	2700	≥ 90	60	50	25 000		10	3
P PAR 16 80 36° 8.3 W/2700 K GU10 DIM	4058075609136	80	GU10	8.3	575	840	2700	≥ 90	36	50	25 000		10	3
P PAR 16 80 36° 8.3 W/3000 K GU10 DIM	4058075609112	80	GU10	8.3	575	840	3000	≥ 90	36	50	25 000		10	3
P PAR16 80 60° 8.3 W/3000 K GU10 DIM	4058075609051	80	GU10	8.3	575	560	3000	≥ 90	60	50	25 000		10	3
P PAR 16 80 36° 8.3 W/4000 K GU10 DIM	4058075609099	80	GU10	8.3	575	840	4000	≥ 90	36	50	25 000		10	3
P PAR16 80 60° 8.3 W/4000 K GU10 DIM	4058075609037	80	GU10	8.3	575	560	4000	> 90	60	50	25 000		10	3
P PAR16 35 36° 3.4 W/2700 K GU10 DIM	4058075797536	35	GU10	3.4	230	400	2700	90	36	50	25 000		10	3
P PAR16 35 36° 3.4 W/3000 K GU10 DIM	4058075797598	35	GU10	3.4	230	400	3000	90	36	50	25 000		10	3
P PAR16 35 36° 3.4 W/4000 K GU10 DIM	4058075797611	35	GU10	3.4	230	400	4000	90	36	50	25 000		10	3
P PAR16 50 36° 4.5 W/2700 K GU10 DIM	4058075797857	50	GU10	4.5	350	600	2700	90	36	50	25 000		10	3
P PAR16 50 36° 4.5 W/2700 K GU10 DIM	4058075797758	50	GU10	4.5	350	600	2700	90	36	50	15 000		50	3
P PAR16 50 36° 4.5 W/3000 K GU10 DIM	4058075797949	50	GU10	4.5	350	600	3000	90	36	50	15 000		50	3
P PAR16 50 36° 4.5 W/3000 K GU10 DIM	4058075797963	50	GU10	4.5	350	600	3000	90	36	50	25 000		10	3
P PAR16 50 36° 4.5 W/4000 K GU10 DIM	4058075798045	50	GU10	4.5	350	600	4000	90	36	50	25 000		10	3
P PAR16 50 36° 4.5 W/4000 K GU10 DIM	4058075797987	50	GU10	4.5	350	600	4000	90	36	50	15 000		50	3
P PAR16 100 36° 9.6 W/2700 K GU10 DIM	4058075609198	100	GU10	9.6	750	1100	2700	≥ 80	36	50	25 000		10	4
P PAR16 100 36° 9.6 W/3000 K GU10 DIM	4058075609174	100	GU10	9.6	750	1100	3000	≥ 80	36	50	25 000		10	4
P PAR16 100 36° 9.6 W/4000 K GU10 DIM	4058075609150	100	GU10	9.6	750	1100	4000	≥ 80	36	50	25 000		10	4

¹ Protection class: IP20 | ² All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | ⁴ 4058075797758, 4058075797949, 4058075797987 | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM PAR16^{1,2}

LED reflector lamps PAR16 with retrofit pin base



PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 6 SDCM
- Not dimmable
- Base: GU10
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W	W	lm	cd	K	CRI	°	d (mm)	t _h	h	h	No.
P PAR 16 50 120° 4.3 W/2700 K 220...240 V GU10	4058075608030	30	GU10	4.3	350	100	2700	≥80	120	50	15000	10	1
P PAR 16 50 120° 4.3 W/3000 K 220...240 V GU10	4058075608016	30	GU10	4.3	350	100	3000	≥80	120	50	15000	10	1
P PAR 16 50 120° 4.3 W/4000 K 220...240 V GU10	4058075607996	30	GU10	4.3	350	100	4000	≥80	120	50	15000	10	1
P PAR 16 35 36° 2.6 W/2700 K GU10	4058075608214	35	GU10	2.6	230	400	2700	≥80	36	50	15000	10	2
P PAR 16 35 36° 2.6 W/3000 K GU10	4058075608191	35	GU10	2.6	230	400	3000	≥80	36	50	15000	10	2
P PAR 16 35 36° 2.6 W/4000 K GU10	4058075608177	35	GU10	2.6	230	400	4000	≥80	36	50	15000	10	2
P PAR 16 80 120° 6.9 W/2700 K 220...240 V GU10	4058075608771	49	GU10	6.9	620	180	2700	≥80	120	51	15000	10	3
P PAR 16 80 120° 6.9 W/3000 K 220...240 V GU10	4058075608757	49	GU10	6.9	620	180	3000	≥80	120	51	15000	10	3
P PAR 16 80 120° 6.9 W/4000 K 220...240 V GU10	4058075608733	49	GU10	6.9	620	180	4000	≥80	120	51	15000	10	3
P PAR 16 50 36° 4.3 W/2700 K GU10	4058075608139	50	GU10	4.3	350	600	2700	≥80	36	50	10000	50	2
P PAR 16 50 36° 4.5 W/2700 K E14 ³	4058075607712	50	E14	4.5	350	700	2700	≥80	36	50	10000	10	4
P PAR 16 50 36° 4.3 W/2700 K GU10	4058075608153	50	GU10	4.3	350	600	2700	≥80	36	50	15000	10	2
P PAR 16 50 36° 4.3 W/3000 K GU10	4058075608115	50	GU10	4.3	350	600	3000	≥80	36	50	15000	10	2
P PAR 16 50 36° 4.3 W/3000 K GU10	4058075608092	50	GU10	4.3	350	600	3000	≥80	36	50	10000	50	2
P PAR 16 50 36° 4.3 W/4000 K GU10	4058075608078	50	GU10	4.3	350	600	4000	≥80	36	50	15000	10	2
P PAR 16 50 36° 4.3 W/4000 K GU10	4058075608054	50	GU10	4.3	350	600	4000	≥80	36	50	10000	50	2
P PAR 16 80 36° 6.9 W/2700 K GU10	4058075608894	80	GU10	6.9	575	880	2700	≥80	36	51	15000	10	2
P PAR 16 80 60° 6.9 W/2700 K GU10	4058075608832	80	GU10	6.9	575	600	2700	≥80	60	50	15000	10	2
P PAR 16 80 60° 6.9 W/3000 K GU10	4058075608818	80	GU10	6.9	575	600	3000	≥80	60	50	15000	10	2
P PAR 16 80 36° 6.9 W/3000 K GU10	4058075608870	80	GU10	6.9	575	880	3000	≥80	36	51	15000	10	2
P PAR 16 80 36° 6.9 W/4000 K GU10	4058075608856	80	GU10	6.9	575	880	4000	≥80	36	51	15000	10	2
P PAR 16 80 60° 6.9 W/4000 K GU10	4058075608795	80	GU10	6.9	575	600	4000	≥80	60	50	15000	10	2
P PAR 16 100 36° 9.6 W/2700 K GU10	4058075608719	100	GU10	9.6	750	1100	2700	≥80	36	50	15000	10	5
P PAR 16 100 36° 9.6 W/3000 K GU10	4058075608696	100	GU10	9.6	750	1100	3000	≥80	36	50	15000	10	5
P PAR 16 100 36° 9.6 W/4000 K GU10	4058075608672	100	GU10	9.6	750	1100	4000	≥80	36	50	15000	10	5

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value |

⁴ You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | ⁵ 4058075607712 | ⁶ 4058075608139, 4058075608092, 4058075608054 |

⁷ L70/B50 | ⁸ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED VALUE PAR16^{1,2}

LED reflector lamps PAR16 with retrofit pin base



1

2

PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- Not dimmable
- Base: GU10
- Lamp made of glass
- Good quality of light; color rendering index R_a : ≥ 80

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{GE} W		W	lm	cd	K	CRI			t _h ⁴			
VALUE PAR 16 80 120° 6.9 W/3000 K 220...240 V GU10 ³	4058075096707	49	GU10	6.9	620	180	3000	≥ 80	120	51	10 000		10	1
VALUE PAR 16 80 120° 6.9 W/4000 K 220...240 V GU10 ³	4058075096721	49	GU10	6.9	620	180	4000	≥ 80	120	51	10 000		10	1
VALUE PAR 16 80 120° 6.9 W/6500 K 220...240 V GU10 ³	4058075096745	49	GU10	6.9	620	180	6500	≥ 80	120	51	10 000		10	1
VALUE PAR 16 50 36° 4.3 W/3000 K GU10 ³	4058075096622	50	GU10	4.3	350	600	3000	≥ 80	36	50	10 000		10	2
VALUE PAR 16 50 36° 4.3 W/4000 K GU10 ³	4058075055155	50	GU10	4.3	350	600	4000	≥ 80	36	50	10 000		10	2
VALUE PAR 16 50 36° 4.3 W/6500 K GU10 ³	4058075817715	50	GU10	4.3	350	600	6500	≥ 80	36	50	10 000		10	2
VALUE PAR 16 80 36° 6.9 W/3000 K GU10 ³	4058075096646	80	GU10	6.9	575	880	3000	≥ 80	36	51	10 000		10	2
VALUE PAR 16 60° 6.9 W/3000 K GU10 ³	4058075096769	80	GU10	6.9	575	600	3000	≥ 80	60	51	10 000		10	2
VALUE PAR 16 80 36° 6.9 W/4000 K GU10 ³	4058075096660	80	GU10	6.9	575	880	4000	≥ 80	36	51	10 000		10	2
VALUE PAR 16 60° 6.9 W/4000 K GU10 ³	4058075096783	80	GU10	6.9	575	600	4000	≥ 80	60	51	10 000		10	2
VALUE PAR 16 80 36° 6.9 W/6500 K GU10 ³	4058075096684	80	GU10	6.9	575	880	6500	≥ 80	36	51	10 000		10	2

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM PRO MR16¹

Dimmable low-voltage LED reflector lamps MR16 with retrofit pin base



Compatibility list also online:
ledvance.com/compatibility



1

2



PRODUCT FEATURES

- LED alternative to low voltage halogen lamps
- High color consistency: ≤ 3 SDCM
- Dimmable
- Base: GU5.3
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{act} W	W _{max} W	W	lm	cd	K	CRI	Beam angle	Ø d [mm]	t _h °C	Energy efficiency class	Life time [h]	No.
PPRO MR16 20 36° DIM 3.6 W/2700 K GU5.3	4058075796393	20	GU5.3	3.6	230	500	2700	97	36	50	40 000	A	10	1
PPRO MR16 20 36° DIM 3.6 W/3000 K GU5.3	4058075796416	20	GU5.3	3.6	230	500	3000	97	36	50	40 000	A	10	1
PPRO MR16 20 36° DIM 3.6 W/4000 K GU5.3	4058075796430	20	GU5.3	3.6	230	500	4000	97	36	50	40 000	A	10	1
PPRO MR16 35 36° 6.3 W/2700 K GU5.3	4058075609433	35	GU5.3	6.3	355	620	2700	97	36	51	40 000	A	10	2
PPRO MR16 35 36° 6.3 W/3000 K GU5.3	4058075609419	35	GU5.3	6.3	355	620	3000	97	36	51	40 000	A	10	2
PPRO MR16 35 36° 6.3 W/4000 K GU5.3	4058075609396	35	GU5.3	6.3	355	620	4000	97	36	51	40 000	A	10	2
PPRO MR16 43 36° 7.8 W/2700 K GU5.3	4058075609372	43	GU5.3	7.8	500	850	2700	97	36	51	40 000	A	10	2
PPRO MR16 43 36° 7.8 W/3000 K GU5.3	4058075609358	43	GU5.3	7.8	500	850	3000	97	36	51	40 000	A	10	2
PPRO MR16 43 36° 7.8 W/4000 K GU5.3	4058075609334	43	GU5.3	7.8	500	850	4000	97	36	51	40 000	A	10	2

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM DIM MR16¹

Dimmable low-voltage LED reflector lamps MR16 with retrofit pin base



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED alternative to low voltage halogen lamps
- High color consistency: ≤ 5 SDCM
- Dimmable
- Base: GU5.3
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{±W}		W	lm	cd	K	CRI		\varnothing d [mm]	t _h ³			
P MR16 50 36° 8 W/2700 K GU5.3	4058075609310	50	GU5.3	8	621	1000	2700	≥90	36	51	25000		10	1
P MR16 50 36° 8 W/3000 K GU5.3	4058075609297	50	GU5.3	8	621	1000	3000	≥90	36	51	25000		10	2
P MR16 50 36° 8 W/4000 K GU5.3	4058075609273	50	GU5.3	8	621	1000	4000	≥90	36	51	25000		10	1
P MR 16 20 36° DIM 3.4 W/2700 K GU5.3	4058075796454	20	GU5.3	3.4	230	500	2700	90	36	50	25000		10	3
P MR 16 20 36° DIM 3.4 W/3000 K GU5.3	4058075796478	20	GU5.3	3.4	230	500	3000	90	36	50	25000		10	3
P MR 16 20 36° DIM 3.4 W/4000 K GU5.3	4058075796492	20	GU5.3	3.4	230	500	4000	90	36	50	25000		10	3
P MR 16 35 36° DIM 5 W/2700 K GU5.3	4058075796515	35	GU5.3	5	345	700	2700	90	36	50	25000		10	3
P MR 16 35 36° DIM 5 W/3000 K GU5.3	4058075796539	35	GU5.3	5	345	700	3000	90	36	50	25000		10	3
P MR 16 35 36° DIM 5 W/4000 K GU5.3	4058075796553	35	GU5.3	5	345	700	4000	90	36	50	25000		10	3

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM MR16^{1,2}

Low-voltage LED reflector lamps MR16 with retrofit pin base



PRODUCT FEATURES

- LED alternative to low voltage halogen lamps
- High color consistency: ≤ 6 SDCM
- Not dimmable
- Base: GU5.3
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{LED}	W	lm	cd	K	CRI	Beam angle	Ø d (mm)	t _h °C	L ₉₀ h	Energy efficiency class	No. of lamps per box	No. of lamps per package
P MR16 50 36° 8 W/2700 K GU5.3	4058075609259	50	GU5.3	8	621	1000	2700	≥ 80	36	51	15000		10	1
P MR16 50 36° 8 W/3000 K GU5.3	4058075609235	50	GU5.3	8	621	1000	3000	≥ 80	36	51	15000		10	1
P MR16 50 36° 8 W/4000 K GU5.3	4058075609211	50	GU5.3	8	621	1000	4000	≥ 80	36	51	15000		10	1
P MR 16 20 36° 2.6 W/2700 K GU5.3	4058075796577	20	GU5.3	2.6	210	500	2700	80	36	50	15000		10	2
P MR 16 20 36° 2.6 W/3000 K GU5.3	4058075796591	20	GU5.3	2.6	210	500	3000	80	36	50	15000		10	2
P MR 16 20 36° 2.6 W/4000 K GU5.3	4058075796614	20	GU5.3	2.6	210	500	4000	80	36	50	15000		10	2
P MR 16 35 36° 3.8 W/2700 K GU5.3	4058075796638	35	GU5.3	3.8	345	700	2700	80	36	50	15000		10	2
P MR 16 35 36° 3.8 W/3000 K GU5.3	4058075796652	35	GU5.3	3.8	345	700	3000	80	36	50	15000		10	2
P MR 16 35 36° 3.8 W/4000 K GU5.3	4058075796676	35	GU5.3	3.8	345	700	4000	80	36	50	15000		10	2

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM DIM MR11¹

Dimmable low-voltage LED reflector lamps MR11 with retrofit pin base



Compatibility list also online:
ledvance.com/compatibility



1



2

PRODUCT FEATURES

- LED alternative to low voltage halogen lamps
- High color consistency: ≤ 6 SDCM
- Dimmable
- Base: G4
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W \pm W		W	lm	cd	K	CRI		\varnothing d [mm]	t _h ³			
P MR11 20 36° 3.2 W/2700 K GU4	4058075636620	20	GU4	3.2	184	400	2700	≥ 90	36	35	25 000		10	1
P MR11 35 36° 4.5 W/2700 K GU4	4058075636644	35	GU4	4.5	345	600	2700	≥ 90	36	35	25 000		10	1

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM MR11 12 V^{1,2}

Low-voltage LED reflector lamps MR11 with retrofit pin base



1



PRODUCT FEATURES

- LED alternative to low voltage halogen lamps
- High color consistency: ≤ 6 SDCM
- Not dimmable
- Base: GU4
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Compatible with many common conventional and electronic control gears (see also compatibility list)

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W Δ W		W	lm	cd	K	CRI		\varnothing d [mm]	t [h]			
P MR11 20 36° 2.5 W/2700 K GU4	4058075636545	20	GU4	2.5	184	400	2700	≥ 80	36	35	15000		10	1
P MR11 20 36° 2.5 W/4000 K GU4	4058075636569	20	GU4	2.5	184	400	4000	≥ 80	36	35	15000		10	1
P MR11 35 36° 4.2 W/2700 K GU4	4058075636583	35	GU4	4.2	345	600	2700	≥ 80	36	35	15000		10	1
P MR11 35 36° 4.2 W/4000 K GU4	4058075636606	35	GU4	4.2	360	650	4000	≥ 80	36	35	15000		10	1

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 |

⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM PRO AR111¹

Low-voltage LED reflector lamps AR111 with retrofit pin base



Compatibility list also online:
ledvance.com/compatibility



1



3

PRODUCT FEATURES

- LED alternative to low voltage halogen lamps
- High color consistency: ≤ 4 SDCM
- Dimmable
- Base: G53
- Excellent color rendering ($R_a: 97$)

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W \triangle W		W	lm	cd	K	CRI		\varnothing d (mm)	t _h ⁴			
PPRO AR111 50 24° 7.4 W/2700 K G53 ²	4058075607774	50	G53	7.4	450	1800	2700	97	24	111	40 000		6	1
PPRO AR111 50 40° 7.4 W/2700 K G53 ²	4058075607736	50	G53	7.4	450	1000	2700	97	40	111	40 000		6	1
PPRO AR111 50 24° 7.4 W/3000 K G53 ²	4058075607798	50	G53	7.4	450	1800	3000	97	24	111	40 000		6	1
PPRO AR111 50 40° 7.4 W/3000 K G53 ²	4058075607750	50	G53	7.4	450	1000	3000	97	40	111	40 000		6	1
PPRO AR111 75 24° 11.7 W/2700 K G53 ²	4058075608559	75	G53	11.7	800	2800	2700	97	24	111	40 000		6	1
PPRO AR111 75 40° 11.7 W/2700 K G53 ²	4058075608511	75	G53	11.7	800	1600	2700	97	40	111	40 000		6	1
PPRO AR111 75 24° 11.7 W/3000 K G53 ²	4058075608573	75	G53	11.7	800	2800	3000	97	24	111	40 000		6	1
PPRO AR111 75 40° 11.7 W/3000 K G53 ²	4058075608535	75	G53	11.7	800	1600	3000	97	40	111	40 000		6	1
PPRO AR111 75 24° 11.7 W/4000 K G53 ²	4058075608597	75	G53	11.7	800	2800	4000	97	24	111	40 000		6	1
PPRO AR111 100 24° 13.5 W/2700 K G53 ²	4058075608474	100	G53	13.5	950	2500	2700	97	24	111	40 000		6	1

¹ Protection class: IP20 | ² All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM DIM PAR20¹

Dimmable LED reflector lamps PAR20 with retrofit screw base



Compatibility list also online:
ledvance.com/compatibility



1



PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 6 SDCM
- Dimmable
- Base: E27
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{gW}		W	lm	cd	K	CRI		\varnothing d [mm]	t _h ⁴			
P PAR20 DIM 50 36° 6.4 W/2700 K E27 ²	4058075607675	50	E27	6.4	350	750	2700	≥ 90	36	65	25 000		6	1

¹ Protection class: IP20 | ² All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM DIM PAR30¹

Dimmable LED reflector lamps PAR30 with retrofit screw base



Compatibility list also online:
[ledvance.com/compatibility](https://www.ledvance.com/compatibility)



1



3

PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 6 SDCM
- Dimmable
- Base: E27
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	w_{GE}	w_{E}	W	lm	cd	K	CRI	θ	\varnothing d (mm)	t_h ⁴	 ⁵		 No.
P PAR 30 75 36° 10 W/2700 K E27 ²	4058075264304	75	E27	10	633	1500	2700	≥90	36	95	25 000		6	1

¹ Protection class: IP20 | ² All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM DIM PAR38

Dimmable LED reflector lamps PAR38 with retrofit screw base



Compatibility list also online:
ledvance.com/compatibility



1



PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 6 SDCM
- Dimmable
- Base: E27
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W	W	lm	cd	K	CRI	°	d (mm)	t (h)	°	°	No.
P PAR 38 120 30° 15.2 W/2700 K E27 ¹	4058075264083	120	E27	15.2	1035	2800	2700	≥90	30	122	25 000	6	1

¹ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM PAR38¹

LED reflector lamps PAR38 with retrofit screw base



IP 65

LEDVANCE
4 year
guarantee

PRODUCT FEATURES
















- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 6 SDCM
- Not dimmable
- Base: E27
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)													
P PAR 38 120 15 ° 12 W/2700 K E27 ²	4058075 264069	120	E27	12	1035	7000	2700	≥80	15	122	25 000		6	1
P PAR 38 120 30 ° 12 W/2700 K E27 ²	4058075 264106	120	E27	12	1035	2600	2700	≥80	30	122	25 000		6	2

¹ Non-dimmable | ² All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM DIM R50¹

Dimmable LED reflector lamps R50 with retrofit screw base



Compatibility list also online:
ledvance.com/compatibility



1



PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 5 SDCM
- Dimmable
- Base: E14
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{GE} W	E	W	lm	cd	K	CRI	Beam angle	Ø d [mm]	t _h [h] ⁴	L70/B50 ⁵	Energy efficiency class	No.
P R50 60 36° 5.9 W/2700 K E14 ²	4058075607811	60	E14	5.9	350	607	2700	≥90	36	50	25 000	III	10	1

¹ Protection class: IP20 | ² All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM DIM R63¹

Dimmable LED reflector lamps R63 with retrofit screw base



Compatibility list also online:
ledvance.com/compatibility



1



3

PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 5 SDCM
- Dimmable
- Base: E27
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Very high dimmer compatibility, see also www.ledvance.com/dim

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)													
P R63 60 36° 5.9 W/2700 K E27 ²	4058075 607897	60	E27	5.9	350	582	2700	≥90	36	63	25 000		10	1

¹ Protection class: IP20 | ² All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM DIM R80¹

Dimmable LED reflector lamps R80 with retrofit screw base



Compatibility list also online:
ledvance.com/compatibility



1



PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 5 SDCM
- Dimmable
- Base: E27
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Stepless dimming

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Indoors and outdoors

Product name	GTIN (EAN)	W _{±W}		W	lm	cd	K	CRI		\varnothing d [mm]	t _h ⁴			
P R80 60 36° 5.9 W/2700 K E27 ²	4058075609457	60	E27	5.9	350	607	2700	≥90	36	80	25 000		10	1
P R80 100 36° 9.6 W/2700 K E27 ²	4058075607972	100	E27	9.6	670	1300	2700	80	36	80	25 000		10	1

¹ Protection class: IP20 | ² All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED STAR R39^{1,2}

LED reflector lamps R39 with retrofit screw base



1



PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- High color consistency: ≤ 6 SDCM
- Not dimmable
- Base: E14
- Lamp made of glass

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{gW}	E	W	lm	cd	K	CRI	°	Ø d (mm)	t _h ⁵	h ⁶	Icons	No.
ST R39 25 36° 1.5 W/2700 K E14 ³	4058075433243	25	E14	1.5	110	248	2700	≥80	36	39	15 000		10	1

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM R50^{1,2}

LED reflector lamps R50 with retrofit screw base



1



PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- Not dimmable
- Base: E14
- Lamp made of glass
- Good quality of light; color rendering index $R_a \geq 80$

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{act} W	E	W	lm	cd	K	CRI	Beam angle	Ø d (mm)	t _h h ⁵	Energy efficiency class ⁶	Box	No.
P R50 25 36° 1.5 W/2700 K E14 ³	4058075607934	25	E14	1.5	110	248	2700	≥80	36	50	15 000	A	10	1
P R50 40 36° 2.6 W/2700 K E14 ³	4058075607859	40	E14	2.6	210	398	2700	≥80	36	50	15 000	A	10	1
P R50 60 36° 4.3 W/2700 K E14 ³	4058075607835	60	E14	4.3	350	582	2700	≥80	36	50	15 000	A	10	1

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value |

⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM R63^{1,2}

LED reflector lamps R63 with retrofit screw base



1



PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- Not dimmable
- Base: E27
- Lamp made of glass
- Good quality of light; color rendering index $R_a \geq 80$

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{act} W	E ₂₇	W	lm	cd	K	CRI	Beam angle	Ø d (mm)	t _h ⁵	Energy efficiency class ⁶	Box	No.
P R63 40 36° 2.6 W/2700 K E27 ³	4058075607910	40	E27	2.6	210	398	2700	≥80	36	63	15 000		10	1
P R63 60 36° 4.3 W/2700 K E27 ³	4058075607873	60	E27	4.3	350	582	2700	≥80	36	63	15 000		10	1

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM R80^{1,2}

LED reflector lamps R80 with retrofit screw base



1

LEDVANCE
4 year
guarantee

PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- Not dimmable
- Base: E27
- Lamp made of glass
- Good quality of light; color rendering index $R_a \geq 80$

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{GE}	W	lm	cd	K	CRI	°	Ø d (mm)	t _h ⁵	°	°	No.
P R80 60 36° 4.3 W/2700 K E27 ³	4058075608658	60	E27	4.3	350	582	2700	≥80	36	80	15 000	10	1
P R80 100 36° 9.1 W/2700 K E27 ³	4058075607958	100	E27	9.1	670	1 300	2700	≥80	36	80	15 000	10	1

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value |

⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM CLASSIC A FACILITY^{1,2}

Professional LED Lamps with added function



1

230 V
AC/DC

LEDVANCE
5
year
guarantee

3

PRODUCT FEATURES

- LED lamp compatible for emergency power system
- High switching cycle with 500,000 times

PRODUCT BENEFITS

- Light for AC/DC system (AC 220-240V, DC 176-250V)
- High switching cycle enables long lifetime when it is connected to motion sensors
- Very long lifetime of up to 25,000 h

AREAS OF APPLICATION

- Public space in large-scaled buildings: staircases, corridors, emergency exits, basement
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{in} W		W	lm	K	CRI				t _h			
P CLAS A 60 FA FR 7 W/2700 K E27	4058075757509	60	E27	7	806	2700	≥80	107	60	Frosted	25 000		10	1
P CLAS A 75 FA FR 9 W/2700 K E27	4058075757523	75	E27	9	1 055	2700	≥80	113	60	Frosted	25 000		10	1

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 |

⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC A GLOWdim¹

LED lamps with GLOWdim effect, classic bulb shape



Compatibility list also online:
ledvance.com/compatibility



1



3

PRODUCT FEATURES

- LED alternative to conventional lamps
- Dimming changes light color from warm white (2700 K) to extra warm white (2200 K)
- Good quality of light; color rendering index $R_a \geq 80$

PRODUCT BENEFITS

- Provides an especially warm light when dimmed down
- Directly controllable via standard dimmer, no remote control required
- Clear lamps with innovative LED „filament“ technology
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Long lifetime of up to 15,000 h

AREAS OF APPLICATION

- Perfect for decorative installations
- Hospitality
- Historical buildings
- Residential interiors
- Marine lighting

Product name	GTIN (EAN)	W Δ W	\equiv	W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	Light bulb icon	t _h ⁴	Energy efficiency class ⁵	LED icon	No.
ST PLUS GLOW DIM CLAS A 40 CL 4 W/2200...2700 K E27 ²	4058075435568	40	E27	4	470	2200...2700	≥ 80	105	60	Clear	15 000		4	1
ST PLUS GLOW DIM CLAS A 60 CL 6.5 W/2200...2700 K E27 ²	4058075435537	60	E27	6.5	806	2200...2700	≥ 80	105	60	Clear	15 000		4	1

¹ Protection class: IP20 | ² Dimmable (with many common dimmers, see also www.ledvance.com/dim), all technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ Refer to www.ledvance.com/guarantee for precise conditions |

⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SUPERSTAR CLASSIC B GLOWdim¹

LED lamps with GLOWdim effect, classic candle shape



Compatibility list also online:
ledvance.com/compatibility



1



PRODUCT FEATURES

- LED alternative to conventional lamps
- Dimming changes light color from warm white (2700 K) to extra warm white (2200 K)
- Good quality of light; color rendering index $R_a \geq 80$

PRODUCT BENEFITS

- Provides an especially warm light when dimmed down
- Directly controllable via standard dimmer, no remote control required
- Can be easily combined with other GLOWdim products in one application
- Very long lifetime of up to 25,000 h

AREAS OF APPLICATION

- Hospitality
- Historical buildings
- Residential interiors
- Marine lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)													
ST PLUS GLOW DIM CLAS B 40 GLOWdim 4 W/2200...2700 K E14 ²	4058075435490	40	E14	4	470	2200...2700	≥80	115	35	Clear	15 000		4	1

¹ Protection class: IP20 | ² Dimmable (with many common dimmers, see also www.ledvance.com/dim), all technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SUPERSTAR CLASSIC GLOBE GLOWdim¹

LED lamps with GLOWdim effect, classic ball shape



Compatibility list also online:
ledvance.com/compatibility



1



PRODUCT FEATURES

- LED alternative to conventional lamps
- Dimming changes light color from warm white (2700 K) to extra warm white (2200 K)
- Good quality of light; color rendering index $R_a \geq 80$

PRODUCT BENEFITS

- Provides an especially warm light when dimmed down
- Directly controllable via standard dimmer, no remote control required
- Can be easily combined with other GLOWdim products in one application
- Very long lifetime of up to 25,000 h

AREAS OF APPLICATION

- Hospitality
- Historical buildings
- Residential interiors
- Marine lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)													
ST PLUS GLOW DIM GLOBE 60 6.5 W/2200...2700 K E27 ²	4058075808942	60	E27	6.5	806	2200...2700	≥80	168	124	Clear	15 000		4	1

¹ Protection class: IP20 | ² Dimmable (with many common dimmers, see also www.ledvance.com/dim), all technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ Refer to www.ledvance.com/guarantee for precise conditions |

⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SUPERSTAR CLASSIC P GLOWdim¹

LED lamps with GLOWdim effect, classic mini-ball shape



Compatibility list also online:
ledvance.com/compatibility



1



3

PRODUCT FEATURES

- LED alternative to conventional lamps
- Dimming changes light color from warm white (2700 K) to extra warm white (2200 K)
- Good quality of light; color rendering index $R_a \geq 80$

PRODUCT BENEFITS

- Provides an especially warm light when dimmed down
- Directly controllable via standard dimmer, no remote control required
- Can be easily combined with other GLOWdim products in one application
- Very long lifetime of up to 25,000 h

AREAS OF APPLICATION

- Hospitality
- Historical buildings
- Residential interiors
- Marine lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)													
ST PLUS GLOW DIM CLAS P 40 4 W/2200...2700 K E14 ²	4058075435476	40	E14	4	470	2200...2700	≥80	107	45	Clear	15 000		4	1

¹ Protection class: IP20 | ² Dimmable (with many common dimmers, see also www.ledvance.com/dim), all technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM PAR16 GLOWdim¹

LED reflector lamps PAR16 with GLOWdim effect



Compatibility list also online:
ledvance.com/compatibility



1



PRODUCT FEATURES

- LED alternative to high voltage halogen lamps
- Dimmable
- Base: GU10
- Lamp made of glass
- Good quality of light; color rendering index $R_a \geq 80$

PRODUCT BENEFITS

- Always fitting light atmosphere by changing light color from warm white to extra warm white with dimming
- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{att}	Base	W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\varnothing d$ [mm]	t [h] ⁴	Energy efficiency class ⁵	Quantity	No.
P PAR16 GLdim 50 36° 4.5 W/2700 K GU10 ²	4058075608498	50	GU10	4.5	350	2700	≥80	54	50	25 000		10	1

¹ Protection class: IP20 | ² Dimmable (with many common dimmers, see also www.ledvance.com/dim), all technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ Refer to www.ledvance.com/guarantee for precise conditions |

⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM PRO AR111¹

Low-voltage LED reflector lamps AR111 with GLOWdim effect



Compatibility list also online:
ledvance.com/compatibility



1



3

PRODUCT FEATURES














- LED alternative to low voltage halogen lamps
- Dimmable
- Base: G53
- Excellent color rendering (R_a : 97)
- Lifetime: up to 40,000 h

PRODUCT BENEFITS

- Always fitting light atmosphere by changing light color from warm white to extra warm white with dimming
- Quick, simple and safe replacement without rewiring
- Design, dimensions, luminous flux comparable to an incandescent or halogen lamp
- Low maintenance costs thanks to long lifetime
- No UV and near-IR radiation in the light beam

AREAS OF APPLICATION

- Shops and exhibition rooms
- Domestic applications
- Commercial applications
- Accent lighting
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)												
SST AR111 50 24 ° 7.2 W/2700 K G53 ²	4058075608634	50	G53	7.2	450	2700	≥90	55	111	40 000		6	1
SST AR111 50 40 ° 7.2 W/2700 K G53 ²	4058075608610	50	G53	7.2	450	2700	≥90	55	111	40 000		6	1

¹ Protection class: IP20 | ² Dimmable (with many common dimmers, see also www.ledvance.com/dim), all technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ Refer to www.ledvance.com/guarantee for precise conditions |

⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED RELAX and ACTIVE CLASSIC A^{1,2}

LED lamps, classic bulb shape



1

LEDVANCE
4 year
guarantee

PRODUCT FEATURES

- Provides color temperatures of 2700 K and 4000 K in the same lamp
- Controllable via standard wall switch
- Good quality of light; color rendering index $R_a \geq 80$

PRODUCT BENEFITS

- Creates individual atmospheres: Warm White to relax, Cool White for activity
- Easy change of color temperature with double click of wall switch
- Always fitting light due to two light colors in one lamp: Warm White and Cool White
- Supports the biorhythm through activating and relaxing light color
- Long lifetime of up to 15,000 h

AREAS OF APPLICATION

- Supports the bio rhythm when used in bed and children's room
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W Δ W	W	lm	K	CRI	I _{avg} [lm]	d [mm]	Light bulb icon	t _h [h]	Energy efficiency class	LED icon	No.	1
ST PLUS ACT/REL CLAS A 60 FIL 7 W/2700 K/4000 K E27 ³	4058075434820	60	E27	7	806	2700 K/4000	≥ 80	105	60	Clear	15 000		4	1

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value |

⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED RELAX and ACTIVE CLASSIC B^{1,2}

LED lamps with two light colors in one lamp



1



PRODUCT FEATURES

- Provides color temperatures of 2700 K and 4000 K in the same lamp
- Controllable via standard wall switch
- Good quality of light; color rendering index R_a : ≥ 80

PRODUCT BENEFITS

- Creates individual atmospheres: Warm White to relax, Cool White for activity
- Easy change of color temperature with double click of wall switch
- Always fitting light due to two light colors in one lamp: Warm White and Cool White
- Supports the biorhythm through activating and relaxing light color
- Long lifetime of up to 15,000 h

AREAS OF APPLICATION

- Supports the bio rhythm when used in bed and children's room
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W Δ W	W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	t _h	t_{90}	t_{95}	Energy efficiency class (EEC)	No.	No.
ST PLUS ACT/REL CLAS B 40 CL 4 W/2700 K/4000 K E14 ³	4058075434783	40	E14	4	470	2700 K/4000	≥ 80	97	35	Clear	15 000		4	1

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED RELAX and ACTIVE CLASSIC P^{1,2}

LED lamps with two light colors in one lamp



1



PRODUCT FEATURES

- Controllable via standard wall switch
- Good quality of light; color rendering index $R_a: \geq 80$
- Mercury-free lamps

PRODUCT BENEFITS

- Creates individual atmospheres: Warm White to relax, Cool White for activity
- Easy change of color temperature with double click of wall switch
- Always fitting light due to two light colors in one lamp: Warm White and Cool White
- Supports the biorhythm through activating and relaxing light color
- Low energy consumption

AREAS OF APPLICATION

- Supports the bio rhythm when used in bed and children's room
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)													
ST PLUSACT/REL CLAS P 40 4 W/2700 K/4000 K E14 ³	4058075 434745	40	E14	4	470	2700 K/4000	≥80	78	45	Clear	15 000		4	1

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED THREE STEP DIM CLASSIC A^{1,2}

LED lamps with three-step dimming



1



PRODUCT FEATURES

- Dimmable in three steps: 100 %, 45 % and 15 %
- Controllable via standard wall switch
- Good quality of light; color rendering index $R_a \geq 80$
- Mercury-free lamps

PRODUCT BENEFITS

- Easy three-step dimming by repeatedly pressing the wall switch
- Easy and cost-effective operation, no dimmer required
- Low energy consumption
- Easy relamping thanks to compact design
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Wherever dimming was originally not planned
- Residential interiors
- Hospitality
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W	W	lm	K	CRI	I [mm]	d [mm]	Light	t _h	Energy	LED	No.	No.
ST PLUS 3XDIM CLAS A 60 6.5 W/2700 K E27 ³	4058075436787	60	E27	6.5	806	2700	≥80	105	60	Clear	15 000		4	1

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED THREE STEP DIM CLASSIC B^{1,2}

LED lamps with three-step dimming



1



PRODUCT FEATURES

- Dimmable in three steps: 100 %, 55 % and 10 %
- Controllable via standard wall switch
- Good quality of light; color rendering index R_a : ≥ 80
- Mercury-free lamps

PRODUCT BENEFITS

- Easy three-step dimming by repeatedly pressing the wall switch
- Easy and cost-effective operation, no dimmer required
- Low energy consumption
- Easy relamping thanks to compact design
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Wherever dimming was originally not planned
- Residential interiors
- Hospitality
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)													
ST PLUS 3xDIM CLAS B 40 4 W/2700 K E14 ³	4058075 434462	40	E14	4	470	2700	≥80	100	35	Clear	15 000		4	1

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value |

⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED THREE STEP DIM CLASSIC P^{1,2}

LED lamps with three-step dimming



1



PRODUCT FEATURES

- Dimmable in three steps: 100 %, 55 % and 10 %
- Controllable via standard wall switch
- Good quality of light; color rendering index $R_a \geq 80$
- Mercury-free lamps

PRODUCT BENEFITS

- Easy three-step dimming by repeatedly pressing the wall switch
- Easy and cost-effective operation, no dimmer required
- Low energy consumption
- Easy relamping thanks to compact design
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Wherever dimming was originally not planned
- Residential interiors
- Hospitality
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)													
ST PLUS 3XDIM CLAS P 40 4 W/2700 K E14 ³	4058075434448	40	E14	4	470	2700	≥80	77	45	Clear	15 000		4	1

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED THREE STEP DIM PIN G9^{1,2}

LED lamps with three-step dimming



1

230V

LEDVANCE
4 year
guarantee

PRODUCT FEATURES

- Dimmable in three steps: 100 %, 45 % and 15 %
- Controllable via standard wall switch
- Good quality of light; color rendering index R_a : ≥ 80

PRODUCT BENEFITS

- Easy three-step dimming by repeatedly pressing the wall switch
- Easy and cost-effective operation, no dimmer required
- Very long lifetime of up to 25,000 h
- Four year guarantee

AREAS OF APPLICATION

- Wherever dimming was originally not planned
- Residential interiors
- Hospitality
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)													
ST+ 3XD PIN 40 4 W/2700 K G9	4058075 432277	40	G9	4	470	2700	≥80	59	18	Clear	25 000		4	1

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM DAYLIGHT SENSOR CLASSIC A^{1,2}

Special LED lamps with daylight sensor, classic bulb shape



PRODUCT FEATURES

- LED alternative to conventional lamps
- Not dimmable
- Good quality of light; color rendering index $R_a: \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Short payback period thanks to low energy consumption and maintenance costs
- Energy-saving lighting solution thanks to automatic switch off at daylight
- Safety through automatic switch-on at darkness
- Low energy consumption
- Easy replacement of classic lamps thanks to compact design

AREAS OF APPLICATION

- Wherever constant lighting is necessary at night
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{LED}		W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]		t _h ⁵			
P CLAS A 40 4.9 W/2700 K E27	4058075761995	40	E27	4.9	470	2700	≥ 80	106	60	Clear	15 000		10	1
P CLAS A 60 7.3 W/2700 K E27	4058075762015	60	E27	7.3	806	2700	≥ 80	106	60	Clear	15 000		10	1
P CLAS A 60 DS FR 8.8W/2700 K E27 ³	4058075594166	60	E27	8.8	806	2700	≥ 80	108	60	Frosted	25 000		10	2

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM SPECIAL T26^{1,2}

Special LED lamps for refrigerators



230V

LEDVANCE³
4 year guarantee

LEDVANCE⁴
2 year guarantee

PRODUCT FEATURES

- LED alternative to conventional high voltage lamps
- Good quality of light; color rendering index R_a : ≥ 80 ; constant chromaticity

PRODUCT BENEFITS

- Extremely small dimensions
- Good all-around light emission
- Ideal for decorative and free-burning applications
- Long lifetime of up to 15,000 h
- Four year guarantee

AREAS OF APPLICATION

- Small designer luminaires
- Domestic refrigerators
- Sewing machines
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{EW}		W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	Δ	t _h ⁵			
P SPC.T26 12 2.2 W/2700 K E14	4058075616912	12	E14	2.2	110	2700	≥ 80	63	26	320	15 000		20	1
P SPC.T26 20 2.3 W/2700 K E14	4058075620254	20	E14	2.3	200	2700	≥ 80	63	25	160	15 000		20	2
P SPC.T26 20 2.3 W/6500 K E14	4058075620155	20	E14	2.3	200	6500	≥ 80	63	25	160	15 000		20	2
P SPC.T26 25 2.8 W/2700 K E14	4058075616875	25	E14	2.8	250	2700	≥ 80	63	26	320	15 000		20	3
P SPC.T26 25 2.8 W/6500 K E14	4058075616837	25	E14	2.8	250	6500	≥ 80	63	26	320	15 000		20	3
P SPC.T26 40 4 W/2700 K E14	4058075616790	40	E14	4	470	2700	≥ 80	80	25	320	15 000		20	4

¹ Protection class: IP20 | ² Non-dimmable | ³ You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | ⁴ 4058075616790 | ⁵ L70/B50 |

⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SPECIAL T26^{1,2}

Small special LED lamps with E14 screw base



1

2

GLASS

230V

LEDVANCE
3 year
guarantee

4

PRODUCT FEATURES

- LED alternative to conventional high voltage lamps
- Good quality of light; color rendering index R_a : ≥ 80 ; constant chromaticity

PRODUCT BENEFITS

- Extremely small dimensions
- Good all-around light emission
- Ideal for decorative and free-burning applications
- Long lifetime of up to 15,000 h
- Three year guarantee

AREAS OF APPLICATION

- Domestic refrigerators
- Atmospheric accent lighting throughout the home
- Small designer luminaires
- Sewing machines
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{LED}		W	lm	K	CRI	$\frac{l}{d}$ [mm]	ϕ d [mm]	Δ	t _h ⁵			
SPC.T26 5 1.6 W/2400 K E14 ³	4058075432819	5	E14	1.6	50	2400	≥ 80	63	26	320	15 000		10	1
SPC.T26 55 6.5 W/2700 K E14 ³	4058075432963	55	E14	6.5	730	2700	≥ 80	80	25	320	15 000		10	2

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SPECIAL T SLIM DIM¹

Dimmable slim LED lamps



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- LED alternative to conventional high voltage lamps
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Easy replacement of halogen lamps thanks to compact design
- Ideal in particular for many small designer luminaires
- Lower thermal output (compared with the standard reference product)
- Three year guarantee

AREAS OF APPLICATION

- Small designer luminaires
- Wherever compact and efficient lamps are needed
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _W		W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	Δ	t _h ³			
T SLIM DIM 60 320° 7 W/2700 K E14	4058075607316	60	E14	7	806	2700	≥80	92	20	320	15 000		6	1
T SLIM DIM 60 320° 7 W/2700 K GU10	4058075607378	60	GU10	7	806	2700	≥80	82	20	320	15 000		6	2
T SLIM DIM 60 320° 7.3 W/2700 K E27	4058075607347	60	E27	7.3	806	2700	≥80	90	32	320	15 000		6	3
T SLIM DIM 75 320° 9 W/2700 K B15d	4058075607194	75	B15d	9	1 055	2700	≥80	100	18	320	15 000		4	4

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SPECIAL T SLIM^{1,2}

Slim LED lamps with B15d base



1

230V

LEDVANCE
3 year
guarantee

3

PRODUCT FEATURES

- LED replacement for halogen lamps with B15d base
- Good quality of light; color rendering index R_a : ≥ 80 ; constant chromaticity
- Not dimmable

PRODUCT BENEFITS

- Easy replacement of halogen lamps thanks to compact design
- Ideal in particular for many small designer luminaires
- Long lifetime of up to 15,000 h
- Very low energy consumption

AREAS OF APPLICATION

- Small designer luminaires
- Luxurious living areas
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)													
SPC.T SLIM 60 320° 7 W/2700 K B15d	4058075606968	60	B15d	7	806	2700	≥80	90	18	320	15000		4	1

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED PIN 12 V DIM¹

Dimmable low-voltage 12 V LED lamps with retrofit pin base



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES














- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Compatible with many common conventional and electronic control gears (see also compatibility list)
- LED alternative to low voltage halogen lamps
- Base: G4, GY6.35

PRODUCT BENEFITS

- Variable use at Direct Current and Alternating Current
- Good all-around light emission
- Ideal for decorative and free-burning applications
- Very long lifetime of up to 25,000 h
- Four year guarantee

AREAS OF APPLICATION

- Decorative applications
- Atmospheric accent lighting throughout the home
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)													
P DIM PIN 20 320° 2 W/2700 K G4	4058075622388	20	G4	2	200	2700	≥80	40	15	320	25 000		20	1
P DIM PIN 40 320° 4.5 W/2700 K GY6.35	4058075607255	40	GY6.35	4.5	470	2700	≥80	50	18	320	20 000		6	2

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ Protection class: IP20 | ² You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | ³ 4058075607255 | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED PIN MICRO 12 V^{1,2}

Small sized low-voltage 12 V LED lamps with retrofit pin base



Compatibility list also online:
ledvance.com/compatibility



1



PRODUCT FEATURES

- Compatible with many common conventional and electronic control gears (see also compatibility list)
- LED alternative to low voltage halogen lamps
- Base: G4

PRODUCT BENEFITS

- Extremely small dimensions
- Variable use at Direct Current and Alternating Current
- Good all-around light emission
- Ideal for decorative and free-burning applications
- Long lifetime of up to 15,000 h

AREAS OF APPLICATION

- Decorative applications
- Atmospheric accent lighting throughout the home
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{act}	W _{max}	W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	Δ	t _h ⁴	η ⁵	RoHS	LEDVANCE
PIN MICRO 10 300° 1 W/2700 K G4	4058075523098	10	G4	1	100	2700	≥80	30	10	300	15 000		10	1

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM LED PIN 12V^{1,2}

Low-voltage 12 V LED lamps with retrofit pin base



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- Compatible with many common conventional and electronic control gears (see also compatibility list)
- LED alternative to low voltage halogen lamps
- Base: G4, GY6.35

PRODUCT BENEFITS

- Variable use at Direct Current and Alternating Current
- Good all-around light emission
- Ideal for decorative and free-burning applications
- Long lifetime of up to 15,000 h
- Four year guarantee

AREAS OF APPLICATION

- Decorative applications
- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{in} W	W _{out}	W	lm	K	CRI	I _{avg} (mA)	Ø _d (mm)	Δ	t _h ⁴	Energy efficiency class (EEC) ⁵	IP	No.
P PIN 10 0.9 W/2700 K G4	4058075622722	10	G4	0.9	100	2700	≥80	33	12	320	15 000	F	20	1
P PIN 20 1.8 W/2700 K G4	4058075622692	20	G4	1.8	200	2700	≥80	36	13	320	15 000	F	20	2
P PIN 28 2.6 W/2700 K G4	4058075622449	28	G4	2.6	300	2700	≥80	40	14	320	15 000	F	20	3
P PIN 28 320° 2.6 W/2700 K GY6.35	4058075622418	28	GY6.35	2.6	300	2700	≥80	40	14	320	15 000	F	20	4
P PIN 40 320° 4 W/2700 K GY6.35	4058075622357	40	GY6.35	4	470	2700	≥80	50	18	320	15 000	F	20	5

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED BASE PIN G4 12 V^{1,2}

Special LED lamps



Compatibility list also online:
ledvance.com/compatibility



1



2

12V
AC/DC

230V

PRODUCT FEATURES

- LED alternative to conventional low voltage lamps
- Mercury-free lamps

PRODUCT BENEFITS

- Low energy consumption
- Ideal for decorative and free-burning applications

AREAS OF APPLICATION

- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Foyers, offices
- Outdoor use in suitable outdoor luminaires only

Product name	GTIN (EAN)	W _{LED}		W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	Δ	t _h ³			
0 BASE PIN 10 0.9 W/2700 K G4	4058075758001	10	G4	0.9	100	2700	≥80	33	12	320	10 000		50	1
0 BASE PIN 20 1.8 W/2700 K G4	4058075758025	20	G4	1.8	200	2700	≥80	36	13	320	15 000		50	2

¹ Protection class: IP20 | ² Non-dimmable | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM DIM LED PIN G9¹

Dimmable LED lamps with retrofit pin base G9



Compatibility list also online:
ledvance.com/compatibility



1

2



PRODUCT FEATURES

- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- LED alternative to high voltage halogen lamps

PRODUCT BENEFITS

- Good all-around light emission
- Very long lifetime of up to 25,000 h
- Ideal for decorative and free-burning applications
- Five year guarantee

AREAS OF APPLICATION

- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{LED}		W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	Δ	t _h ³				No.
P DIM PIN 30 3 W/2700 K G9	4058075622890	30	G9	3	320	2700	≥80	52	16	320	25 000				1
P DIM PIN 40 4 W/2700 K G9	4058075622265	40	G9	4	470	2700	≥80	59	18	320	25 000				2

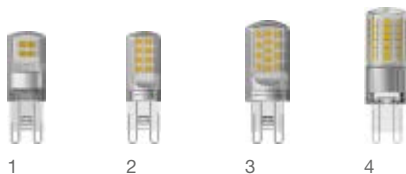
SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM LED PIN G9^{1,2}

LED lamps with retrofit pin base G9



230V

LEDVANCE
4 year
guarantee

PRODUCT FEATURES

- LED alternative to conventional high voltage lamps
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Good all-around light emission
- Long lifetime of up to 15,000 h
- Four year guarantee

AREAS OF APPLICATION

- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{GE} W		W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	Δ°	t _h ⁴	η ⁵		No.
P PIN 20 1.9 W/2700 K G9	4058075625969	20	G9	1.9	200	2700	≥ 80	46	15	300	15 000		20	1
P PIN 30 2.6 W/2700 K G9	4058075626041	30	G9	2.6	320	2700	≥ 80	47	15	300	15 000		20	2
P PIN 30 2.6 W/4000 K G9	4058075626010	30	G9	2.6	320	4000	≥ 80	47	15	300	15 000		20	2
P PIN 40 4.2 W/2700 K G9	4058075626072	40	G9	4.2	470	2700	≥ 80	52	19	300	15 000		20	3
P PIN 40 4.2 W/4000 K G9	4058075626102	40	G9	4.2	470	4000	≥ 80	52	19	300	15 000		20	3
P PIN 50 4.8 W/2700 K G9	4058075622234	50	G9	4.8	600	2700	≥ 80	59	18	320	15 000		20	4
P PIN 50 4.8 W/4000 K G9	4058075622203	50	G9	4.8	600	4000	≥ 80	59	18	320	15 000		20	4

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED PIN G9^{1,2}

LED lamps with retrofit pin base G9



230V

LEDVANCE³
4 year
guarantee

LEDVANCE⁴
3 year
guarantee

PRODUCT FEATURES

- LED alternative to conventional high voltage lamps
- Good quality of light; color rendering index $R_a: \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Good all-around light emission
- Long lifetime of up to 15,000 h
- Ideal for decorative and free-burning applications
- Three year guarantee

AREAS OF APPLICATION

- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{LED}		W	lm	K	CRI	$\frac{l}{d}$ [mm]	ϕ d [mm]	Δ	t _h ⁵			
PIN 19 1.9 W/2700 K G9	4058075757943	19	G9	1.9	180	2700	80	46	15	300	15 000		6	1
PIN 28 2.6 W/2700 K G9	4058075757967	28	G9	2.6	290	2700	80	47	15	300	15 000		6	2
PIN 37 4.2 W/2700 K G9	4058075757981	37	G9	4.2	430	2700	80	52	19	300	15 000		6	3

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ Protection class: IP20 | ² Non-dimmable | ³ You will find further information and the exact guarantee terms and conditions at www.ledvance.com/guarantee | ⁴ 4058075757967, 4058075757981 | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED BASE PIN G9^{1,2}

Special LED lamps



230V

LEDVANCE⁴
5 year guarantee

LEDVANCE⁵
3 year guarantee

PRODUCT FEATURES

- LED alternative to conventional high voltage lamps
- Mercury-free lamps

PRODUCT BENEFITS

- Low energy consumption
- Ideal for decorative and free-burning applications

AREAS OF APPLICATION

- Atmospheric accent lighting throughout the home
- Shops, hotels and restaurants
- Foyers, offices
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{LED}		W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	Δ	t _h ³			
BASE PIN 20 1.9 W/2700 K G9	4058075758049	20	G9	1.9	200	2700	≥80	46	15	300	10 000		50	1
BASE PIN 30 2.6 W/2700 K G9	4058075758063	30	G9	2.6	320	2700	≥80	47	15	300	10 000		50	2
BASE PIN 40 4.2 W/2700 K G9	4058075758087	40	G9	4.2	470	2700	≥80	52	19	300	15 000		50	3

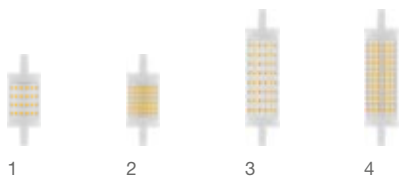
¹ Protection class: IP20 | ² Non-dimmable | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM DIM LINE R7s¹

Dimmable double-ended special LED lamps



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- LED alternative to conventional R7s lamps
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Fits into most R7s luminaires thanks to excentric base
- Good all-around light emission
- Lower thermal output (compared with the standard reference product)
- Five year guarantee

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20...+40^\circ\text{C}$
- Hospitality
- Domestic applications
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{gW}		W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	Δ	t_{in} ³			
P DIM LINE 78.00 mm 75 9.5 W/2700 K R7s	4058075626935	75	R7s	9.5	1 055	2 700	≥ 80	78	28	300	25 000		20	1
P DIM LINE 78.00 mm 100 12 W/2700 K R7s	4058075626966	100	R7s	12	1 521	2 700	≥ 80	78	28	300	25 000		20	2
P DIM LINE 118.00 mm 125 16 W/2700 K R7s	4058075626812	125	R7s	16	2 000	2 700	≥ 80	118	28	300	25 000		20	3
P DIM LINE 118.00 mm 150 19 W/2700 K R7s	4058075626782	150	R7s	19	2 452	2 700	≥ 80	118	28	300	25 000		20	4

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM LINE R7s^{1,2}

Double-ended special LED lamps



230V

LEDVANCE
4 year
guarantee

PRODUCT FEATURES

- LED alternative to conventional R7s lamps
- Good quality of light;
color rendering index R_a : ≥ 80 ;
constant chromaticity

PRODUCT BENEFITS

- Fits into most R7s luminaires thanks to
excentric base
- Good all-around light emission
- Long lifetime of up to 15,000 h
- Lower thermal output (compared with
the standard reference product)
- Four year guarantee

AREAS OF APPLICATION

- General illumination within ambient
temperatures from $-20...+40^{\circ}\text{C}$
- Hospitality
- Domestic applications
- Outdoor applications only in
suitable luminaires

Product name	GTIN (EAN)	W _{GE} W		W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	Δ°	t _h ⁴	η ⁵		No.
P LINE R7s 78.00 mm 60 6.5 W/2700 K R7s	4058075653283	60	R7s	6.5	806	2700	≥ 80	78	29	330	15 000		20	1
P LINE 78.00 mm 75 8.2 W/2700 K R7s	4058075653221	75	R7s	8.2	1 055	2700	≥ 80	78	29	330	15 000		20	1
P LINE R7s 78.00 mm 100 12 W/2700 K R7s	4058075627055	100	R7s	12	1 521	2700	≥ 80	78	28	300	15 000		20	2
P LINE R7s 118.00 mm 100 13 W/2700 K R7s	4058075626874	100	R7s	13	1 521	2700	≥ 80	118	28	300	15 000		20	3
P LINE R7s 118.00 mm 125 16 W/2700 K R7s	4058075626843	125	R7s	16	2 000	2700	≥ 80	118	28	300	15 000		20	4
P LINE R7s 118.00 mm 150 19 W/2700 K R7s	4058075626904	150	R7s	19	2 452	2700	≥ 80	118	28	300	15 000		20	5

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 |
⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SLIM LINE R7S^{1,2}

Slim LED lamps with retrofit base R7s



230V

LEDVANCE
3
year
guarantee³

PRODUCT FEATURES

- LED alternative to conventional R7s lamps
- Good quality of light; color rendering index $R_a: \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Particularly compact dimensions
- Lower thermal output (compared with the standard reference product)
- Long lifetime of up to 15,000 h
- Three year guarantee

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20...+40^\circ\text{C}$
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{gW}		W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\varnothing d$ [mm]	Δ°	t _h ⁴			
SLIM LINE R7s 78.00 mm 60 7 W/2700 K R7s	4058075432710	60	R7s	7	806	2700	≥ 80	78	20	300	15 000		10	1
SLIM LINE R7s 118.00 mm 100 12 W/2700 K R7s	4058075432734	100	R7s	12	1 521	2700	≥ 80	118	20	300	15 000		10	2

SAFETY ADVICE

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED LINE S15 / S19^{1,2}

Special LED lamps with S15 and S19 base



230V

LEDVANCE
3
year
guarantee

PRODUCT FEATURES

- LED alternative to conventional lamps
- Mercury-free lamps

PRODUCT BENEFITS

- Long life
- Low energy consumption
- No UV and near-IR radiation in the light beam
- Three year guarantee

AREAS OF APPLICATION

- Domestic applications
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _Δ W		W	lm	K	CRI				t _h ⁴			
ST LINE S15 4 W/2700 K 221.00 mm	4058075699434	32	S15s	4	350	2700	> 80	221	26	140	15 000		10	1
ST LINE S15 7 W/2700 K 284.00 mm	4058075699458	57	S15s	7	750	2700	> 80	284	26	140	15 000		10	2
ST LINE S19 9 W/2700 K 310.00 mm	4052899955066	60	S19 s	9	830	2700	≥80	310	38	140	15 000		10	3

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LEDinestra DIM¹

Dimmable tubular LED lamps



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED alternative to tubular incandescent lamps
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- For especially uniform illumination
- Mercury-free lamps
- Bulb made from glass

PRODUCT BENEFITS

- Very long lifetime of up to 25,000 h
- Low energy consumption
- Good color rendering

AREAS OF APPLICATION

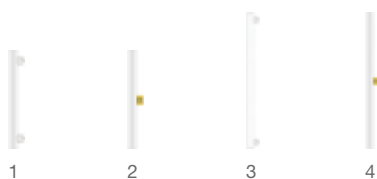
- Ideal for mirror lighting
- Hotels, restaurants
- Domestic applications
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{GE}	W _{LED}	W	lm	K	CRI	I _{avg} (lm)	Ø _d (mm)	Δ	t _h ³	Energy efficiency class ⁴	IP	No.
LEDinestra 300 mm 27 3.1 W/2700 K S14s	4058075607033	27	S14s	3.1	275	2700	≥80	300	29	200	25 000	A	10	1
LEDinestra 300 mm 27 3.1 W/2700 K S14d	4058075607019	27	S14d	3.1	275	2700	≥80	300	29	200	25 000	A	10	2
LEDinestra 500 mm 40 4.9 W/2700 K S14s	4058075607071	40	S14s	4.9	470	2700	≥80	500	29	200	25 000	A	10	3
LEDinestra 500 mm 40 4.9 W/2700 K S14d	4058075607057	40	S14d	4.9	470	2700	≥80	500	29	200	25 000	A	10	4
LEDinestra 1000 mm 75 9.9 W/2700 K S14s	4058075607095	75	S14s	9.9	1 055	2700	≥80	1 000	29	200	25 000	A	5	5

¹ Protection class: IP20 | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LEDinestra^{1,2}

Tubular LED lamps



PRODUCT FEATURES

- LED alternative to tubular incandescent lamps
- Uniform illumination
- Mercury-free lamps
- Bulb made from glass

PRODUCT BENEFITS

- Long lifetime of up to 15,000 h
- Low energy consumption
- Good color rendering

AREAS OF APPLICATION

- Ideal for mirror lighting
- Hotels, restaurants
- Domestic applications
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{gW}		W	lm	K	CRI							
LEDinestra 300 mm 27 3.2 W/2700 K S14s	4058075607132	27	S14s	3.2	275	2700	≥80	300	29	200	15 000		10	1
LEDinestra 300 mm 27 3.2 W/2700 K S14d	4058075607118	27	S14d	3.2	275	2700	≥80	300	29	200	15 000		10	2
LEDinestra 500 mm 40 4.8 W/2700 K S14s	4058075607170	40	S14s	4.8	470	2700	≥80	500	29	200	15 000		10	3
LEDinestra 500 mm 40 4.8 W/2700 K S14d	4058075607156	40	S14d	4.8	470	2700	≥80	500	29	200	15 000		10	4

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 |

⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LEDinestra BASE^{1,2}

Tubular LED lamps



GLASS

230V

LEDVANCE³
3 year
guarantee

PRODUCT FEATURES

















- LED alternative to tubular incandescent lamps
- Uniform illumination
- Mercury-free lamps

PRODUCT BENEFITS

- Long lifetime of up to 15,000 h
- Low energy consumption
- Good color rendering

AREAS OF APPLICATION

- Ideal for mirror lighting
- Hotels, restaurants
- Domestic applications
- Outdoor use in suitable outdoor luminaires only

Product name	GTIN (EAN)													
LEDinestra Base 300 mm 3.5 W/2700 K S14d	4058075 762398	27	S14d	3.5	370	2700	≥80	300	28	200	15000		10	1
LEDinestra Base 300 mm 3.5 W/2700 K S14s	4058075 762374	27	S14s	3.5	370	2700	≥80	300	28	200	15000		10	2
LEDinestra Base 500 mm 6 W/2700 K S14d	4058075 762435	40	S14d	6	640	2700	≥80	500	28	200	15000		10	3
LEDinestra Base 500 mm 6 W/2700 K S14s	4058075 762411	40	S14s	6	640	2700	≥80	500	28	200	15000		10	4

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 |

⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

CIRCOLUX LED^{1,2}

Circular LED lamps with E27 screw base



1

230V

LEDVANCE
4 year
guarantee

3

PRODUCT FEATURES

- Fold out base before first use
- Good quality of light; color rendering index R_a : ≥ 80 ; constant chromaticity
- Not dimmable

PRODUCT BENEFITS

- High luminous flux
- Long lifetime of up to 15,000 h
- Low energy consumption
- Three year guarantee

AREAS OF APPLICATION

- LED alternative for applications requiring a high luminous flux
- General illumination
- Large shades and pendant luminaires
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)													
CIR 100 160 ° 14.5 W/2700 K E27	4058075606999	100	E27	14.5	1521	2700	≥80	86	260	160	15 000		4	1

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM CLASSIC P Mirror^{1,2}

LED lamps, classic mini-ball shape with mirror bulb crown



1



PRODUCT FEATURES

- Bulb crown coating: gold or silver
- Beam angle: up to 300°
- Lamp made of glass
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Long lifetime of up to 15,000 h
- Low energy consumption
- Easy relamping thanks to compact design
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Perfect for decorative installations
- Mirror lighting
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)													
P MIR SIL CLAS P 31 4 W/2700 K E14 ³	4058075591394	31	E14	4	350	2700	≥80	77	45	Clear	15 000		10	1

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

PARATHOM CLASSIC A Mirror^{1,2}

LED lamps, classic bulb shape with mirror bulb crown



1



PRODUCT FEATURES

- Bulb crown coating: gold or silver
- Lamp made of glass
- Good quality of light; color rendering index $R_a: \geq 80$; constant chromaticity

PRODUCT BENEFITS

- Long lifetime of up to 15,000 h
- Low energy consumption
- Easy relamping thanks to compact design
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Perfect for decorative installations
- Mirror lighting
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	$w \geq W$									t_{in} ⁵	 ⁶		 No.
P MIR SIL CLAS A 50 6.5 W/2700 K E27 ³	4058075591691	50	E27	6.5	650	2700	≥80	105	60	Clear	15 000		10	1

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Vintage 1906 LED DIM¹

LED lamps, dimmable vintage edition



PRODUCT FEATURES

- LED lamps for line voltage
- Lamp made of glass
- Lifetime: up to 15,000 h
- Beam angle: up to 360°

PRODUCT BENEFITS




























- Very low energy consumption
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lamps with innovative LED „filament“ technology

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W _{in}	W	lm	K	CRI	l _{avg}	φ _{avg}	Light color	t _h	Energy efficiency class	Beam angle	No.
Vintage 1906 DIM BIG GRAPE 15 4 W/1800 K E27 ²	4058075270022	15	E27	4	140	1800	≥80	290	160	Smoke	15 000	4	1
Vintage 1906 DIM GLOBE 28 4 W/2000 K E27 ²	4058075270008	28	E27	4	300	2000	≥80	168	124	Gold	15 000	4	2
Vintage 1906 DIM Big Globe 28 4 W/2000 K E27 ²	4058075269729	28	E27	4	300	2000	≥80	290	200	Gold	15 000	4	3
Vintage 1906 DIM BIG GRAPE 28 4 W/2000 K E27 ²	4058075269705	28	E27	4	300	2000	≥80	290	160	Gold	15 000	4	4
Vintage 1906 DIM GLOBE 55 6.5 W/2400 K E27 ²	4058075808997	55	E27	6.5	725	2400	≥80	168	124	Gold	15 000	4	5
Vintage 1906 BALLON BLUE DIM 10 4.5 W/1600 K E27	4058075761872	10	E27	4.5	100	1600	≥80	270	170	Blue	15 000	4	6
Vintage 1906 NEST DIM 10 4.8 W/1800 K E27	4058075761056	10	E27	4.8	100	1800	≥80	405	200	Smoke	15 000	4	37
Vintage 1906 GLOBE 140 DIM 15 4.5 W/1600 K E27	4058075760974	15	E27	4.5	150	1600	≥80	200	140	Smoke	15 000	4	7
Vintage 1906 BALLON PINK DIM 15 4.5 W/1600 K E27	4058075761896	15	E27	4.5	220	1600	≥80	270	170	Pink	15 000	4	8
Vintage 1906 ET165 DIM 15 4.5 W/1700 K E27	4058075760998	15	E27	4.5	150	1700	≥80	270	165	Smoke	15 000	4	9
Vintage 1906 CLA 125 DIM 15 4 W/1800 K E27	4058075761032	15	E27	4	140	1800	≥80	283	125	Smoke	15 000	4	10
Vintage 1906 AW188 DIM 15 4 W/1800 K E27	4058075761018	15	E27	4	140	1800	≥80	400	193	Smoke	15 000	4	11
Vintage 1906 GLOBE200 DIM 16 4.8 W/1800 K E27	4058075761278	16	E27	4.8	150	1800	≥80	295	200	Smoke	15 000	4	12
Vintage 1906 ET124 GREEN DIM 18 4.5 W/1600 K E27	4058075761858	18	E27	4.5	180	1600	≥80	176	125	Green	15 000	4	13

¹ Protection class: IP20 | ² Dimmable (with many common dimmers, see also www.ledvance.com/dim), all technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Product name	GTIN (EAN)													
Vintage 1906 CLASSIC B 25 3.4 W/2200 K E14	4058075761414	25	E14	3.4	250	2200	≥80	97	35	Gold	15000		6	14
Vintage 1906 CLASSIC P 25 3.4 W/2200 K E14	4058075761438	25	E14	3.4	250	2200	≥80	78	45	Clear	15000		6	15
Vintage 1906 GLOBE 125 DIM 30 7.8 W/1800 K E27	4058075761254	30	E27	7.8	360	1800	≥80	173	124	Smoke	15000		4	16
Vintage 1906 GLOBE95 DIM 30 7.8 W/1800 K E27	4058075761216	30	E27	7.8	360	1800	≥80	138	95	Smoke	15000		4	17
Vintage 1906 GLOBE80 DIM 30 7.8 W/1800 K E27	4058075761179	30	E27	7.8	360	1800	≥80	120	80	Smoke	15000		4	18
Vintage 1906 EDISON DIM 30 7.8 W/1800 K E27	4058075761094	30	E27	7.8	360	1800	≥80	140	64	Smoke	15000		4	19
Vintage 1906 BALLON DIM 30 4.8 W/2700 K E27	4058075761919	30	E27	4.8	400	2700	≥80	270	170	Clear	15000		4	20
Vintage 1906 GLOBE200 DIM 33 4.8 W/2200 K E27	4058075761698	33	E27	4.8	400	2200	≥80	295	200	Gold	15000		4	21
Vintage 1906 NEST DIM 33 4.8 W/2200 K E27	4058075761834	33	E27	4.8	360	2200	≥80	405	200	Gold	15000		4	22
Vintage 1906 CLASSIC A DIM 35 4.8 W/2200 K E27	4058075761452	35	E27	4.8	400	2200	≥80	105	60	Gold	15000		6	23
Vintage 1906 GLOBE 125 DIM 37 4.8 W/2200 K E27	4058075761650	37	E27	4.8	420	2200	≥80	173	124	Clear	15000		4	24
Vintage 1906 G95-SHAPE 95 DIM 37 4.8 W/2200 K E27	4058075761612	37	E27	4.8	420	2200	≥80	138	95	Gold	15000		4	25
Vintage 1906 GLOBE 80 DIM 37 4.8 W/2200 K E27	4058075761575	37	E27	4.8	420	2200	≥80	120	80	Gold	15000		4	26
Vintage 1906 EDISON DIM 37 4.8 W/2200 K E27	4058075761476	37	E27	4.8	420	2200	≥80	140	64	Gold	15000		4	27
Vintage 1906 GLOBE 80 DIM 40 5.8 W/2200 K E27	4058075761711	40	E27	5.8	470	2200	≥80	120	80	Gold	15000		4	28
Vintage 1906 GLOBE 95 DIM 40 5.8 W/2200 K E27	4058075761759	40	E27	5.8	470	2200	≥80	138	95	Gold	15000		4	29
Vintage 1906 GLOBE 125 DIM 40 5.8 W/2200 K E27	4058075761797	40	E27	5.8	470	2200	≥80	173	124	Gold	15000		4	30
Vintage 1906 EDISON DIM 40 5.8 W/2200 K E27	4058075761513	40	E27	5.8	470	2200	≥80	140	64	Gold	15000		4	31
Vintage 1906 TUBULAR DIM 40 4.8 W/2200 K E27	4058075761551	40	E27	4.8	470	2200	≥80	165	32	Clear	15000		4	32
Vintage 1906 EDISON DIM 42 11 W/1800 K E27	4058075761131	42	E27	11	500	1800	≥80	140	64	Smoke	15000		4	33
Vintage 1906 GLOBE 80 DIM 42 11 W/1800 K E27	4058075761315	42	E27	11	500	1800	≥80	120	80	Smoke	15000		4	34
Vintage 1906 GLOBE 95 DIM 42 11 W/1800 K E27	4058075761353	42	E27	11	500	1800	≥80	138	95	Smoke	15000		4	35
Vintage 1906 GLOBE 125 DIM 42 11 W/1800 K E27	4058075761391	42	E27	11	500	1800	≥80	173	124	Smoke	15000		4	35
Vintage 1906 EDISON DIM 48 7 W/2200 K E27	4058075761490	48	E27	7	600	2200	≥80	140	64	Clear	15000		4	27
Vintage 1906 GLOBE 125 DIM 48 7 W/2200 K E27	4058075761674	48	E27	7	600	2200	≥80	173	124	Gold	15000		4	24
Vintage 1906 GLOBE 80 DIM 48 7 W/2200 K E27	4058075761599	48	E27	7	600	2200	≥80	120	80	Gold	15000		4	26
Vintage 1906 GLOBE 95 DIM 48 7 W/2200 K E27	4058075761636	48	E27	7	600	2200	≥80	138	95	Gold	15000		4	25
Vintage 1906 DIM EDISON 55 6.5 W/2400 K E27 ²	4052899972360	55	E27	6.5	725	2400	≥80	143	64	Gold	15000		4	36
Vintage 1906 GLOBE 125 DIM 60 8.8 W/2200 K E27	4058075761810	60	E27	8.8	806	2200	≥80	173	124	Gold	15000		4	30
Vintage 1906 GLOBE 95 DIM 60 8.8 W/2200 K E27	4058075761773	60	E27	8.8	806	2200	≥80	138	95	Gold	15000		4	29
Vintage 1906 GLOBE 80 DIM 60 8.8 W/2200 K E27	4058075761735	60	E27	8.8	806	2200	≥80	120	80	Gold	15000		4	28
Vintage 1906 EDISON DIM 60 8.8 W/2200 K E27	4058075761537	60	E27	8.8	806	2200	≥80	140	64	Gold	15000		4	31

¹ Protection class: IP20 | ² Dimmable (with many common dimmers, see also www.ledvance.com/dim), all technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Vintage 1906 LED^{1,2}

LED lamps, vintage edition



LEDVANCE
3
year
guarantee

PRODUCT FEATURES

- LED lamps for line voltage
- Lamp made of glass
- Lifetime: up to 15,000 h
- Beam angle: up to 360°

PRODUCT BENEFITS

- Very low energy consumption
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lamps with innovative LED „filament“ technology


































AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination
- Outdoor use in outdoor luminaires only (minimum IP65)

Product name	GTIN (EAN)	W	W	lm	K	CRI	l	Ø	Light	t _h	Energy	Warranty	No.
Vintage 1906 CLAS BA 12 1.5 W/2400 K E14 ³	4058075293229	12	E14	1.5	120	2400	≥80	121	35	Gold	15000	10	1
Vintage 1906 CLAS BW 12 1.5 W/2400 K E14 ³	4058075293243	12	E14	1.5	120	2400	≥80	100	35	Gold	15000	10	2
Vintage 1906 CLAS B 12 1.5 W/2400 K E14 ³	4058075293205	12	E14	1.5	120	2400	≥80	100	35	Gold	15000	10	3
Vintage 1906 EDISON 15 4 W/1800 K E27 ³	4058075269941	15	E27	4	140	1800	≥80	143	64	Smoke	15000	4	4
Vintage 1906 BIG GRAPE 15 4 W/1800 K E27 ³	4058075269903	15	E27	4	140	1800	≥80	290	160	Smoke	15000	4	5
Vintage 1906 GLOBE 15 4 W/1800 K E27 ³	4058075269927	15	E27	4	140	1800	≥80	290	200	Smoke	15000	4	6
Vintage 1906 GLOBE 16 4 W/1800 K E27 ³	4058075269989	16	E27	4	150	1800	≥80	168	124	Smoke	15000	4	7
Vintage 1906 TUBE 20 CL 2.5 W/2000 K E27 ³	4058075808171	20	E27	2.5	200	2000	≥80	127	32	Gold	15000	4	8
Vintage 1906 CLAS A 22 2.5 W/2400 K E27 ³	4058075293199	22	E27	2.5	220	2400	≥80	105	60	Gold	15000	10	9
Vintage 1906 CLAS B 22 2.5 W/2400 K E14 ³	4058075293212	22	E14	2.5	220	2400	≥80	100	35	Gold	15000	10	3
Vintage 1906 CLAS BA 22 2.5 W/2400 K E14 ³	4058075293236	22	E14	2.5	220	2400	≥80	121	35	Gold	15000	10	1
Vintage 1906 CLAS BW 22 2.5 W/2400 K E14 ³	4058075293274	22	E14	2.5	220	2400	≥80	100	35	Gold	15000	10	2
Vintage 1906 CLAS P 22 2.5 W/2400 K E14 ³	4058075290815	22	E14	2.5	220	2400	≥80	77	45	Gold	15000	10	10
Vintage 1906 EDISON 22 2.5 W/2400 K E27 ³	4058075808706	22	E27	2.5	220	2400	≥80	143	64	Gold	15000	4	11

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value |

⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

Product name	GTIN (EAN)													
Vintage 1906 GLOBE 22 2.5 W/2400 K E27 ³	4058075808980	22	E27	2.5	220	2400	≥80	168	124	Gold	15 000		4	12
Vintage 1906 GLOBE 28 4 W/2000 K E27 ³	4058075092013	28	E27	4	300	2000	≥80	290	200	Gold	15 000		4	13
Vintage 1906 BIG GRAPE 28 4 W/2000 K E27 ³	4058075091993	28	E27	4	300	2000	≥80	290	160	Gold	15 000		4	14
Vintage 1906 GLOBE 28 CL 4 W/2000 K E27 ³	4058075092136	28	E27	4	300	2000	≥80	168	124	Gold	15 000		4	15
Vintage 1906 EDISON 28 4 W/2000 K E27 ³	4058075092112	28	E27	4	300	2000	≥80	143	64	Gold	15 000		4	16
Vintage 1906 TUBE 35 CL 4 W/2000 K E27 ³	4058075808188	35	E27	4	400	2000	≥80	185	32	Gold	15 000		4	17
Vintage 1906 EDISON 35 CL 4 W/2400 K E27 ³	4052899962095	35	E27	4	410	2400	≥80	143	64	Gold	15 000		4	18
Vintage 1906 CLAS P 35 4 W/2400 K E14 ³	4058075293496	35	E14	4	410	2400	≥80	77	45	Gold	15 000		10	19
Vintage 1906 GLOBE 35 CL 4 W/2400 K E27 ³	4052899962071	35	E27	4	410	2400	≥80	168	124	Gold	15 000		4	20
Vintage 1906 CLAS B 35 4 W/2400 K E14 ³	4058075293434	35	E14	4	410	2400	≥80	100	35	Gold	15 000		10	21
Vintage 1906 CLAS A 35 4 W/2400 K E27 ³	4058075293090	35	E27	4	410	2400	≥80	105	60	Gold	15 000		10	22
Vintage 1906 OVAL 40 4 W/2400 K E27 ³	4058075091979	40	E27	4	470	2400	≥80	156	75	Gold	15 000		4	23
Vintage 1906 PINE 40 4 W/2400 K E27 ³	4058075092037	40	E27	4	470	2400	≥80	168	125	Gold	15 000		4	24
Vintage 1906 Diamond 40 CL 4 W/2400 K E27 ³	4058075091955	40	E27	4	470	2400	≥80	142	110	Gold	15 000		4	25
Vintage 1906 CLAS A 50 6.5 W/2400 K E27 ³	4058075293298	50	E27	6.5	650	2400	≥80	105	60	Gold	15 000		4	22
Vintage 1906 GLOBE 55 6.5 W/2400 K E27 ³	4058075809406	55	E27	6.5	720	2400	≥80	168	124	Gold	15 000		10	20
Vintage 1906 CLAS A 63 7.5 W/2400 K E27 ³	4058075293359	63	E27	7.5	865	2400	≥80	105	60	Gold	15 000		10	22
Vintage 1906 EDISON 10 3.4 W/1800 K E27	4058075760936	10	E27	3.4	100	1800	80	140	64	Smoke	15 000		4	26
Vintage 1906 GLOBE 95 10 3.4 W/1800 K E27	4058075760950	10	E27	3.4	100	1800	80	138	95	Smoke	15 000		4	27
Vintage 1906 CLASSIC A 10 3.4 W/1800 K E27	4058075760912	10	E27	3.4	100	1800	80	105	60	Smoke	15 000		6	28

¹ Protection class: IP20 | ² Non-dimmable | ³ All technical parameters apply to the entire lamp, due to the complex production process for light-emitting diodes, the typical values shown for the technical LED parameters are purely statistical values that do not necessarily match the actual technical parameters of each individual product, which can vary from the typical value |

⁴ Refer to www.ledvance.com/guarantee for precise conditions | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

HQL LED PRO¹

LED replacement for HID lamps for outdoor application



IP65

CCG

230V

LEDVANCE²
5
year
guarantee

PRODUCT FEATURES

- Replacement for HQL: Suitable for operation with conventional control gear (CCG) for HQL or 230 V mains
- Replacement for other HID: Suitable for operation with line voltage without control gear
- Power factor: 0.9
- Type of protection: IP65
- High surge protection: up to 6 kV (L-N)

PRODUCT BENEFITS

- Saves up to 78 % energy when used as replacement for mercury vapor lamps (HQL)
- Low maintenance costs thanks to long lifetime
- Instant 100 % light, no warm-up time

AREAS OF APPLICATION

- Streets
- Area lighting
- Pedestrian zones
- Parks
- Outdoor applications only in suitable luminaires

Product name		GTIN (EAN)	W _W		W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	Δ	t _h ³	η ⁴		
NEW	HQL LED 1800 lm 14.5 W/2700 K E27*	4058075765856	50	E27	14.5	1800	2700	80	138	56	360	60 000	E D	6	1
NEW	HQL LED 2000 lm 14.5 W/4000 K E27*	4058075765870	50	E27	14.5	2000	4000	80	138	56	360	60 000	E D	6	1
NEW	HQL LED 2700 lm 21.5 W/2700 K E27*	4058075765894	80	E27	21.5	2700	2700	80	145	76	360	60 000	E D	6	2
NEW	HQL LED 3000 lm 21.5 W/4000 K E27*	4058075765917	80	E27	21.5	3000	4000	80	145	76	360	60 000	E D	6	2
NEW	HQL LED 3600 lm 29 W/2700 K E27*	4058075765931	80	E27	29	3600	2700	80	172	76	360	60 000	E D	6	3
NEW	HQL LED 4000 lm 29 W/4000 K E27*	4058075765955	80	E27	29	4000	4000	80	172	76	360	60 000	E D	6	3
NEW	HQL LED 5400 lm 41 W/2700 K E27*	4058075765979	125	E27	41	5400	2700	80	195	80	360	60 000	E D	6	4
NEW	HQL LED 6000 lm 41 W/4000 K E27*	4058075765993	125	E27	41	6000	4000	80	195	80	360	60 000	E D	6	4
NEW	HQL LED 5400 lm 41 W/2700 K E40	4058075766013	125	E40	41	5400	2700	80	202	80	360	60 000	E D	6	5
NEW	HQL LED 6000 lm 41 W/4000 K E40	4058075766037	125	E40	41	6000	4000	80	202	80	360	60 000	E D	6	5
NEW	HQL LED 11700 lm 90 W/2700 K E40	4058075766051	250	E40	90	11700	2700	80	270	110	360	60 000	E D	6	6
NEW	HQL LED 13000 lm 90 W/4000 K E40	4058075766075	250	E40	90	13000	4000	80	270	110	360	60 000	E D	6	6

SAFETY ADVICE

The bulb may be larger and heavier than the replaced bulb. Before installation it must be checked, if the luminaire and especially the holder is capable of carrying the weight of the lamp.

Not suitable for operation with ignitors.

Operation on the capacitor can lead to a reduction of the power factor of the system.

When installed horizontally, the t_c point of the lamp is located on the top side of the lamp.

Use in tight luminaires and luminaires with tight reflectors not recommended.

¹ Non-dimmable | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

HQL LED Accessories^{1,2}



1

PRODUCT FEATURES

- Optional installation for shadowing
- Available for 2000 lm, 3000 lm and 4000 lm HQL LED lamps

PRODUCT BENEFITS

- Support reduction of circadian disruption and improve the residents' life quality
- Very easy to install on lamp and shift to desired direction inside of luminaire

AREAS OF APPLICATION

- Streets, residential areas, pedestrian zones, parks

Product name		GTIN (EAN)	 [mm]	 [mm]		 No.
NEW	HQL LED 2000LM ³	4058075788923	90	56	6	1
NEW	HQL LED 3000LM ⁴	4058075788947	96	64	6	1
NEW	HQL LED 4000LM ⁵	4058075788961	125	64	6	1

SAFETY ADVICE

Only to be used with OSRAM HQL LED lamps.

Use in very tight or narrow luminaires is not recommended as this can shorten the lifetime of the lamp.

¹ Protection class: IP20 | ² Non-dimmable | ³ Optional accessory for the following HQL LED lamps: HQL LED 1800 14,5W 4058075765856 and HQL LED 2000 14,5W 4058075765870 |

⁴ Optional accessory for the following HQL LED lamps: HQL LED 2700 21,5W 4058075765894 and HQL LED 3000 21,5W 4058075765917 | ⁵ Optional accessory for the following HQL LED lamps: HQL LED 3600 29W 4058075765931 and HQL LED 4000 29W 4058075765955

NAV LED¹

LED replacement for high-pressure sodium vapor lamps in outdoor applications



IP40

CCG
IGNITOR

CCG

LEDVANCE²
5
year
guarantee

PRODUCT FEATURES






















- Very high efficiency of up to 185 lm/W
- System power Factor: > 0.7
- Type of protection: IP40
- High surge protection: up to 4 kV (L-N)
- Long lifetime of up to 50,000 h

PRODUCT BENEFITS

- Direct retrofit for traditional high-pressure sodium vapor lamps (NAV): operation on CCG, compensation capacitor and ignitor without rewiring
- Saves up to 52 % energy when used as replacement for NAV lamps
- Additional cost savings thanks to compatibility with CCG with power reduction ("night-time switching")
- Low maintenance costs and cost savings thanks to long lifetime
- Similar light distribution as traditional NAV lamps

AREAS OF APPLICATION

- Streets
- Area lighting
- Pedestrian zones
- Parks

Product name	GTIN (EAN)													
NAV LED 3600 lm 23 W/2700 K E27	4058075 453685	50	E27	23	3600	2700	70	190	70	360	50 000		10	1
NAV LED 4000 lm 23 W/4000 K E27	4058075 453708	50	E27	23	4000	4000	70	190	70	360	50 000		10	1
NAV LED 5400 lm 35 W/2700 K E27	4058075 453722	70	E27	35	5400	2700	70	190	70	360	50 000		10	2
NAV LED 6000 lm 35 W/4000 K E27	4058075 453746	70	E27	35	6000	4000	70	190	70	360	50 000		10	2
NAV LED 8100 lm 50 W/2700 K E40	4058075 453760	100	E40	50	8 100	2 700	70	260	70	360	50 000		10	3
NAV LED 9000 lm 50 W/4000 K E40	4058075 453784	100	E40	50	9 000	4 000	70	260	70	360	50 000		10	3
NAV LED 10800 lm 65 W/2700 K E40	4058075 453807	150	E40	65	10 800	2 700	70	260	70	360	50 000		10	4
NAV LED 12000 lm 65 W/4000 K E40	4058075 453821	150	E40	65	12 000	4 000	70	260	70	360	50 000		10	4

SAFETY ADVICE

Outdoor applications only in suitable luminaires (lamp type of protection IP40).

The compliance with the required luminous intensity for the application has to be checked before the installation. The total energy efficiency and light distribution depends on the lighting system design.

Not suitable for operation with 230 V line voltage.

The operation on a CCG with power tapping may lead to a reduction of the power factor of the system during the time of power reduction.

The removal of the compensation capacitor may lead to a reduction of the power factor of the system.

Only suitable for temperatures of up to 50 °C inside of the luminaire. Use in tight luminaires and luminaires with tight reflectors not recommended.

¹ Non-dimmable | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

HID LED Highbay Universal¹

LED replacement for HID lamps for high-bay luminaires



1



PRODUCT FEATURES

- Type of protection: IP40
- High surge protection: up to 4 kV (L-N)

PRODUCT BENEFITS

- Direct replacement for traditional HID lamps thanks to CCG and ignitor compatibility
- Operation on AC mains for highest energy efficiency possible
- Energy savings of up to 68 % when replacing traditional HQI lamps
- Effective thermal management for wide operating temperature range
- Low maintenance costs thanks to long lifetime

AREAS OF APPLICATION

- LED alternative for applications requiring a high luminous flux
- Industrial and storage facilities
- Outdoor applications only in suitable luminaires

Product name		GTIN (EAN)	W±W	E	W	lm	K	CRI	L [mm]	Ø d [mm]	Δ	t _h ³	Energy efficiency class ⁴	RoHS	No.
NEW	HID LED Highbay Universal 14000 lm 105 W/4000 K E40	4058075780385	250	E40	105	14 000	4 000	80	263	250	100	50 000	E F	4	1
NEW	HID LED Highbay Universal 21000 lm 150 W/4000 K E40	4058075780408	250	E40	150	21 000	4 000	80	263	250	100	50 000	E D	4	1
NEW	HID LED Highbay Universal 25000 lm 160 W/4000 K E40	4058075780422	250	E40	160	25 000	4 000	80	263	250	100	50 000	E D	4	1

SAFETY ADVICE

The bulb may be larger and heavier than the replaced bulb. Before installation it must be checked, if the luminaire and especially the holder is capable of carrying the weight of the lamp. Safety sling has to be installed.

To ensure full light efficiency and product lifetime, it is recommended to detach any glass or cover of the luminaire.

Only suitable for temperatures of up to 50 °C inside of the luminaire.

Not suitable for operation with electronic control gear.

¹ Non-dimmable | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

OSRAM DULUX D LED EM & AC MAINS^{1,2}

LED replacement for CFLni with 2-pin G24d base for CCG and AC mains operation



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Type of protection: IP20
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)
- Lifetime: up to 30,000 h
- Single-ended two-pin plug-in G24d base

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{act} W		W	lm	K	CRI	$\frac{l}{d}$ [mm]	\varnothing d [mm]	Δ	t _h ⁴			
DULUX D LED EM & AC Mains 6 W/3000 K	4058075558106	13	G24d-1	6	600	3000	80	148	34	120	30 000		10	1
DULUX D LED EM & AC Mains 6 W/4000 K	4058075558182	13	G24d-1	6	660	4000	80	148	34	120	30 000		10	1
DULUX D LED EM & AC Mains 7 W/3000 K	4058075558328	18	G24d-2	7	700	3000	80	148	34	120	30 000		10	2
DULUX D LED EM & AC Mains 7 W/4000 K	4058075558502	18	G24d-2	7	770	4000	80	148	34	120	30 000		10	2
DULUX D LED EM & AC Mains 10 W/3000 K	4058075558564	26	G24d-3	10	990	3000	80	171	34	120	30 000		10	3
DULUX D LED EM & AC Mains 10 W/4000 K	4058075558601	26	G24d-3	10	1100	4000	80	171	34	120	30 000		10	3

SAFETY ADVICE

Not suitable for tandem operation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

OSRAM DULUX D/E LED HF & AC MAINS^{1,2}

LED replacement for CFLni with 4-pin G24q base for ECG and AC mains operation



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in ECG luminaires or on AC mains
- Single-ended four-pin plug-in G24q base
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)
- Type of protection: IP20
- Lifetime: up to 30,000 h

PRODUCT BENEFITS

- Quick, simple and safe replacement
- Low energy consumption
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{eq} W		W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	Δ	t _h °C			
DULUX D/E LED HF & AC Mains 6 W/3000 K	4058075558663	13	G24q-1	6	600	3000	80	143	33	120	30 000		10	1
DULUX D/E LED HF & AC Mains 6 W/4000 K	4058075559103	13	G24q-1	6	660	4000	80	143	33	120	30 000		10	1
DULUX D/E LED HF & AC Mains 7 W/3000 K	4058075559127	18	G24q-2	7	700	3000	80	143	33	120	30 000		10	2
DULUX D/E LED HF & AC Mains 7 W/4000 K	4058075559158	18	G24q-2	7	770	4000	80	143	33	120	30 000		10	2
DULUX D/E LED HF & AC Mains 10 W/3000 K	4058075559172	26	G24q-3	10	990	3000	80	170	33	120	30 000		10	3
DULUX D/E LED HF & AC Mains 10 W/4000 K	4058075559196	26	G24q-3	10	1100	4000	80	170	33	120	30 000		10	3

SAFETY ADVICE

Always check the latest update of the compatibility list available on www.ledvance.com/ecg-compatibility.

Not suitable for operation with conventional control gear.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

OSRAM DULUX S LED EM & AC MAINS^{1,2}

LED replacement for short CFLni, with 2-pin G23 base for CCG and AC mains operation



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Type of protection: IP20
- Lifetime: up to 30,000 h
- Single-ended two-pin plug-in G23 base

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

Product name	GTIN (EAN)	W _{LED}	Base	W	lm	K	CRI	I _{avg} (lm)	Ø _d (mm)	△	t _h ⁴	Energy efficiency class ⁵	RoHS	Light No.
DULUX S LED EM & AC Mains 4 W/3000 K	4058075557994	9	G23	4.5	450	3000	80	165	32	140	30 000	E	10	1
DULUX S LED EM & AC Mains 4 W/4000 K	4058075558045	9	G23	4.5	500	4000	80	165	32	140	30 000	E	10	1
DULUX S LED EM & AC Mains 6 W/3000 K	4058075558069	11	G23	6	630	3000	80	234	32	140	30 000	E	10	2
DULUX S LED EM & AC Mains 6 W/4000 K	4058075558083	11	G23	6	700	4000	80	234	32	140	30 000	E	10	2

SAFETY ADVICE

Suitable for tandem operation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

OSRAM DULUX L LED HF & AC MAINS^{1,2}

LED replacement for CFLni, with 4-pin 2G11 base for ECG and AC mains operation



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in ECG luminaires or on AC mains
- Single-ended four-pin plug-in 2G11 base
- Type of protection: IP20
- Lifetime: up to 30,000 h
- Mercury-free lamps

PRODUCT BENEFITS

- Quick, simple and safe replacement
- Simple replacement thanks to similar design as conventional compact fluorescent lamps
- Low energy consumption
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- Offices, public buildings
- Shops
- Hotels, restaurants
- Industry
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{eq} W	2G11	W	lm	K	CRI	I _{avg} (lm)	Ø d (mm)	Δ	t _h h ⁴	Energy efficiency class ⁵	10	1
DULUX L LED HF & AC Mains 8 W/3000 K	4058075557390	18	2G11	8	900	3000	80	230	44	140	30 000	E	10	1
DULUX L LED HF & AC Mains 8 W/4000 K	4058075557499	18	2G11	8	1000	4000	80	230	44	140	30 000	E	10	1
DULUX L LED HF & AC Mains 12 W/3000 K	4058075559219	24	2G11	12	1350	3000	80	321	44	140	30 000	E	10	2
DULUX L LED HF & AC Mains 12 W/4000 K	4058075559233	24	2G11	12	1500	4000	80	321	44	140	30 000	E	10	2
DULUX L LED HF & AC Mains 18 W/3000 K	4058075557772	36	2G11	18	2070	3000	80	417	44	140	30 000	E	10	3
DULUX L LED HF & AC Mains 18 W/4000 K	4058075557833	36	2G11	18	2300	4000	80	417	44	140	30 000	E	10	3
DULUX L LED HF & AC Mains 25 W/3000 K	4058075559257	55	2G11	25	2950	3000	80	537	44	140	30 000	E	10	4
DULUX L LED HF & AC Mains 25 W/4000 K	4058075559271	55	2G11	25	3250	4000	80	537	44	140	30 000	E	10	4

SAFETY ADVICE

Always check the latest update of the compatibility list available on www.ledvance.com/ecg-compatibility.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

OSRAM DULUX F LED EM & AC MAINS^{1,2}

LED replacement for flat CFLni with 4-pin 2G10 base for CCG and AC mains operation



1

GLASS

CCG

230V

LEDVANCE
3 year guarantee

PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in CCG luminaires or on AC mains
- Type of protection: IP20
- Lifetime: up to 30,000 h
- Single-ended four-pin plug-in 2G10 base

PRODUCT BENEFITS

- Quick, simple and safe replacement without rewiring
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- Offices
- Walkways and corridors
- Hotels, restaurants
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{LED}	Base	W	lm	K	CRI	I _{avg} [lm]	Ø d [mm]	Beam angle	t ₉₀ [h]	Energy efficiency class	Energy efficiency class (EEC)	Energy efficiency class (EEC)
DULUX F LED EM & AC Mains 20 W/3000 K	4058075559295	36	2G10	20	2250	3000	80	222	89	120	30 000	E	10	1
DULUX F LED EM & AC Mains 20 W/4000 K	4058075559318	36	2G10	20	2500	4000	80	222	89	120	30 000	E	10	1

SAFETY ADVICE

Not suitable for tandem operation.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

OSRAM DULUX T/E LED HF & AC MAINS^{1,2}

LED replacement for CFLni with 4-pin GX24q base for ECG and AC mains operation



Compatibility list also online:
ledvance.com/compatibility



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in ECG luminaires or on AC mains
- Single-ended four-pin plug-in GX24q base
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)
- Type of protection: IP20
- Lifetime: up to 30,000 h
- Mercury-free lamps

PRODUCT BENEFITS

- Quick, simple and safe replacement
- Low energy consumption
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants
- Outdoor applications only in suitable luminaires

Product name	GTIN (EAN)	W _{in} W	W	lm	K	CRI	I _{avg} [lm]	d [mm]	Δ	t _h °C	Energy efficiency class (EEC)	Energy efficiency class (EEC)	Energy efficiency class (EEC)
DULUX T/E HF & AC Mains 7 W/3000 K	4058075559349	18	GX24q-2	7	720	3000	80	120	45	130	30 000	10	1
DULUX T/E HF & AC Mains 7 W/4000 K	4058075559370	18	GX24q-2	7	800	4000	80	120	45	130	30 000	10	1
DULUX T/E HF & AC Mains 10 W/3000 K	4058075559394	26	GX24q-3	10	990	3000	80	140	45	130	30 000	10	2
DULUX T/E HF & AC Mains 10 W/4000 K	4058075559417	26	GX24q-3	10	1 100	4000	80	140	45	130	30 000	10	2
DULUX T/E HF & AC Mains 16 W/3000 K	4058075559431	32	GX24q-3	16	1 620	3000	80	155	45	130	30 000	10	3
DULUX T/E HF & AC Mains 16 W/4000 K	4058075559455	32	GX24q-3	16	1 800	4000	80	155	45	130	30 000	10	3
DULUX T/E HF & AC Mains 20 W/3000 K	4058075559479	42	GX24q-4	20	2 025	3000	80	165	45	130	30 000	10	4
DULUX T/E HF & AC Mains 20 W/4000 K	4058075559493	42	GX24q-4	20	2 250	4000	80	165	45	130	30 000	10	4

SAFETY ADVICE

Always check the latest update of the compatibility list available on www.ledvance.com/ecg-compatibility.
Not suitable for operation with conventional control gear.

¹ Protection class: IP20 | ² Non-dimmable | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

SHEDDING LIGHT AND SYMBOLS



Shatter protection



Operating frequency in Hz



Operation on conventional control gear



Type of protection



Base



Operation on electronic control gear



Dimmable



Length [mm]



Operation on conventional control gear and ignitor



Sensor versions



Diameter [mm]



Energy efficiency class



Wireless



Beam angle in °



Recommended retail price excl. VAT



Glow DIM 2000K...2700K



Color temperature in K



Unit of Packaging



Power in W for conventional technology



Color rendering index



Fig. no.



Power in W



Light intensity in cd



Dimming interface DALI-2



Output voltage in V



Average period of use/life in hours (B50/L70)



Push-DIM function



Luminous flux in lm



Glass Material



LED TUBE EXTERNAL SYSTEM



Luminous efficacy



AC Mains



SELV voltage

GOOD LIGHT ALL ROUND

THE FULL LEDVANCE RANGE

LEDVANCE is leading the fight against bad light in every area. That's good news for you if you're looking for energy-efficient and future-proof lighting. Whether you need luminaires, lamps, HCL systems, electronic components, light management systems or smart residential products, LEDVANCE is your expert partner for complex lighting projects. You can always rely on LEDVANCE for excellent brand quality, professional service and a good price/performance ratio.



FUNCTIONAL AESTHETIC LUMINAIRES

The extensive luminaire portfolio covers virtually all professional and residential applications and delivers outstanding quality and functionality. The new BIOLUX HCL system is a winner of the VDE Quality Certificate, the 2020 Red Dot Award for Product Design and the 2020 German Innovation Award.

EACH LAMP A LIGHTING SOLUTION

The lamp portfolio includes a wide choice of shapes and base sizes as well as types with additional functions (e.g. sensors), all with outstanding efficiency and durability. Alongside UV-C and LED lamps, LEDVANCE will continue to offer conventional halogen, energy-saving, fluorescent and gas discharge lamps.

FLEXIBLE LED STRIP SYSTEM

The LED Strip System comprises a large number of flexible LED strips, drivers and matching accessories. With a wide range of luminous fluxes and light colors, the system allows bespoke lighting solutions to be created for virtually any indoor or outdoor application. Easy to plan, easy to combine and easy to install – that's the principle here.

VIVARES: LIGHT MANAGEMENT, MORE COMFORTABLE THAN EVER

The future-proof IoT light management system (LMS) from LEDVANCE makes it easier and more flexible than ever to always produce optimal lighting conditions for defined requirements. The system is extremely reliable and compatible and offers all LMS components and matching LED luminaires from one source.

SMART LIGHTING FOR RESIDENTIAL APPLICATIONS

Our smart residential products offer a comprehensive combination of innovation, quality, reliability and user-friendliness. We provide a suitable solution for a variety of requirements that intelligent lighting has to meet.

MORE INFORMATION AND CLEVER TOOLS

Go to [ledvance.com](https://www.ledvance.com) for more information on LEDVANCE's extensive product portfolio, clever apps and tools that will help you in your day-to-day work.
www.ledvance.com

WHENEVER AND WHEREVER: THE ONLINE PORTAL WITH ALL THE INFORMATION, ADVICE AND EXPERTISE

Are you looking for information about our products and services? LEDVANCE always keeps you up to date: at wholesalers, through our sales employees or via our Customer Service Center (email: contact@ledvance.com). Here you'll find an overview of our services, databases and tools.



► THE PRODUCT PORTFOLIO FILTERED TO PERFECTION

Type of base, light color, color rendering – use our online filter for targeted searches in our LED lamp portfolio:

ledvance.com/led-lamps

► REFERENCES PROVIDE INSPIRATION

A selection of some top lighting projects can be found at

ledvance.com/projects

► LEDVANCE SERVICE-PLUS

Our specialized sales department supports and advises our commercial end customers – including face-to-face. Find out all you need to know at ledvance.com/vam

► DOWNLOAD CENTER

Catalogs, compatibility overviews, brochures, and much more are available for you in our download center:

ledvance.com/download

► SERVICE AT A GLANCE

You will find a summary of all of our service offerings at

ledvance.com/services

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training.ledvance.com



FAST LIGHT CALCULATOR

The light calculation tool – calculate your LED lamp requirement really conveniently, taking account of relevant parameters such as room size or reflection level.¹ Available directly in the eCatalog.

LIGHT CALCULATION WITH DIALUX AND RELUX

DIALux and RELUX users can now also integrate LEDVANCE products really easily into their lighting planning. We also support users through consultancy, calculation and aftersales support.

¹ The Fast Light Calculator is not intended to replace comprehensive, expertly executed light planning with DIALux, RELUX or another professional light planning software. The light distribution of a LED lamp can be influenced by a luminaire.

ABOUT LEDVANCE

With offices in more than 50 countries and business activities in more than 140 countries, LEDVANCE is one of the world's leading general lighting providers for professional users and end consumers. Having emerged from OSRAM's general lighting division, LEDVANCE offers a wide-ranging portfolio of LED luminaires for a broad spectrum of applications, intelligent lighting products for Smart Home and Smart Building solutions, one of the most comprehensive ranges of advanced LED lamps in the lighting industry, traditional light sources, an LED Strip System and light management systems.



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Partner:



LEDVANCE is licensee of product trademark
OSRAM for lamps products in general lighting.

[LEDVANCE.COM](https://www.ledvance.com)

