



LEDVANCE

OSRAM 



LED LAMPS

2025/2026

HIGH PERFORMANCE

POWERED THROUGH EFFICIENT
AND PROVEN LIGHT QUALITY

POWER THROUGH LIGHT



YOUR GLOBAL PLAYER **LEDVANCE**

Having emerged from the traditional company of OSRAM and with more than 100 years of lighting know-how behind us, we are now the world's second largest market player in general lighting. Together with the MLS Group, of which we have been a member since 2016, we are contributing to a more sustainable world with our advanced and energy-efficient lighting solutions.



FOR YOUR PROJECTS **TOP SUPPORT**

Whether it's lighting advice, customized solutions, energy analyses or feasibility studies, lighting professionals can always rely on LEDVANCE's support – in over 140 countries and many different sectors, from office, education, sports and hospitality to shop, industrial, logistics and street lighting.



LIGHTING FOR MORE **SUSTAINABILITY**

Our sustainability tagline "From line to loop" makes our vision to contribute to a greener planet and a better life with intelligent lighting solutions more real. Our new EVERLOOP and NATURELOOP product lines support the transition from linear to circular economic processes, reducing waste, and energy and resource consumption.



A FULL RANGE OF LIGHTING **ONE-STOP SHOP**

LEDVANCE offers professional and private users everything from a single source – from lamps, luminaires and LED strips to innovative light management systems and smart home solutions.



WE PROUDLY PRESENT OUR **NEW LED LAMPS PORTFOLIO**

Experience our current portfolio of LED lamps in all its diversity. We were able to optimise numerous products and expand our range even further in the 2025 generation. LED TUBE T8 EM now comes with MULTI LUMEN functionality and an even longer life. The popular EXTERNAL SYSTEM is now also available for DULUX LED L. And there have also been notable innovations for street lights as well as LED PIN, ENERGY CLASS A and NATURELOOP LED lamps.

Learn more on the following pages.



MORE INFORMATION:
ledvance.com/professional

www.nortecnica.pt

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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.



LAMP BAN: THE BEST TIME TO CHANGE IS NOW! PLAY IT SAFE WITH EU-COMPLIANT LED SOLUTIONS

The ban on mercury-containing and inefficient lamps has been in force since 2023. With high energy costs and increasing demand for sustainable lighting, now is the best time to move over to EU-compliant, energy-efficient and cost-effective LED lighting.

LEDVANCE offers an alternative for every need with a comprehensive range of luminaires, intelligent lighting products and advanced LED lamps. The solutions with LED lamps are simple and economically attractive as the luminaire can be retained. Switching to LED luminaires can also optimise light output and quality, which can also significantly increase productivity.

www.nortecnica.pt



BEST PLANS, BEST LIGHT SERVICE FOR PERFECT PROJECT MANAGEMENT

Every successful project starts with a good plan. So why not benefit from our tailor-made advice for planning your lighting project smoothly and successfully?

We take care of the whole process and offer you individual solutions for your wishes.

You can reach us at:
contact@ledvance.com
+49 89 780673-600

4 OPTIONS FOR ALL SITUATIONS – HOW TO SWITCH

SOLUTIONS WITH LED LAMPS



RETROFIT



Switching from fluorescent lamps to LED lamps in existing luminaires is quick, easy and economical – either as retrofits or conversions.

Simple 1:1 replacement:

- Wide range of LED tubes and DULUX LED for easy, quick and safe lamp replacement
- No rewiring necessary
- The most cost effective LED alternative for installations with CCG or compatible ECG

Rewiring or modification:

- If there is no retrofit alternative or if the customer values maximum energy savings and low maintenance
- Wide range of LED tubes and DULUX LED for operation directly on AC mains
 - Optional matching conversion kits for LED tubes for easy rewiring
 - LED TUBE EXTERNAL SYSTEM when a dimmable LED tube or emergency lighting solution is needed



SOLUTIONS WITH LED LUMINAIRES



UPGRADE



If the focus is on optimal light output and quality, maximum efficiency and perhaps added benefits, it's worth upgrading the luminaires or installing new ones.

Upgrade using LED upgrade kits:

- If an existing luminaire needs to be kept but electric or mechanical interfaces are too old for a retrofit or conversion
- LED upgrade kits that replace entire components of the original luminaire



NEW INSTALLATION



Complete replacement with modern LED luminaires:

- If the existing housing or other components have reached the end of their life
- If lighting performance requirements have changed (e.g. light distribution or quality)
- If a light management system needs to be integrated, or there's an upgrade to human centric lighting
- If aesthetical or functional design requirements have changed



THE LAMP FINDER – HERE'S HOW IT WORKS:

The Lamp Finder gives you the answers you need. Just enter some information about your traditional lamp and we will give you alternative LED solutions for your installation. If there is no suitable LED lamp you can find alternative LED luminaires in our online product catalogue.

- ▶ Provide some details of your traditional lamp such as wattage, light colour and control gear and you will get possible LED alternatives.



Check it out:
ledvance.com/lampfinder

CLEAR ORIENTATION: CONVERSION TO LED LAMPS WITHOUT NEW CE MARKING

There is clarity at last when it comes to converting existing luminaires to LED technology. In a new white paper, the Central Association of the Electrical Engineering and Electronics Industry (ZVEI) defines clear criteria, according to which the existing CE marking remains valid when modernising luminaires to LED technology.



A PERFECT SOLUTION

The basis is the **EU Blue Guide (2022)** and its definition of “significant changes of products”. If **no significant changes are made to the performance, application or construction** when converting an existing luminaire with old lighting technology to LED technology, no new product will be created. The electrician making the conversion will therefore not be considered a manufacturer and a new CE declaration of conformity will not be required. Along with the 1:1 retrofit solution, this makes it very easy to convert existing luminaires to efficient LED lamps cost-effectively.

THE ZVEI PROVIDES GUIDANCE:

If no significant changes are made in line with the EU Blue Guide (2022), it is not a new product and the person converting the product will not be considered a manufacturer.



KEEP THE HOUSING

Following the lamp ban in 2023, most of the industry has recommended either a simple 1:1 retrofit solution (if technically possible) or a completely new LED luminaire when switching to LED technology. But there are other options for keeping existing lighting solutions and any associated components such as light management systems or ventilation systems in operation and reducing electrical waste: conversion to LED lamps or complete LED upgrade kits that replace entire components of the original luminaire. The ZVEI white paper says that both solutions are possible without a new CE declaration of conformity.



CLEAR RULES, USEFUL SOLUTIONS CONVERSIONS MADE EASY

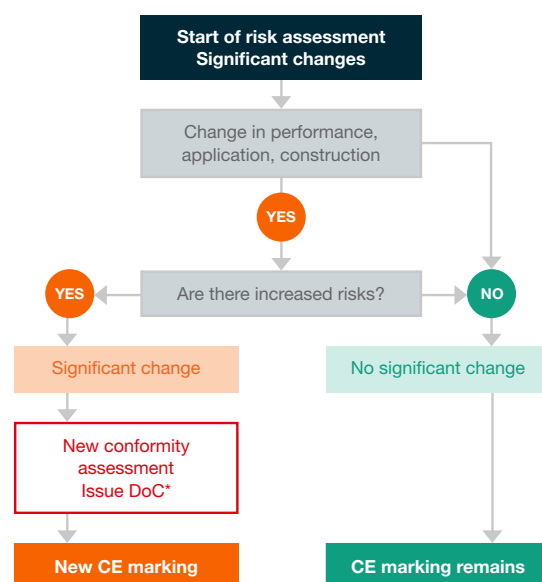
The guidelines from the white paper will make it even easier for you to convert to efficient LED lamps cost-effectively. LEDVANCE offers a comprehensive portfolio of solutions to help you make the switch and is always available to answer any questions you may have.

STEP 1: SUITABILITY OF THE EXISTING LUMINAIRE

To convert an existing luminaire or lighting system to LED lamps, it is necessary to assess the condition of the luminaire to determine whether existing housings and components are suitable.

STEP 2: RISK ASSESSMENT

If during rewiring of the LED luminaire no significant changes are made to the performance, application or construction, the existing CE marking of the luminaire remains valid and a new CE declaration of conformity is not required.



* Declaration of Conformity

RETROFIT OR CONVERSION: CHOOSE THE RIGHT ONE!

RETROFIT

CONVERSION



LED TUBE T8 HF/UN



LED TUBE T8 EM
LED TUBE T8 UNIVERSAL



LED TUBE T5 AC MAINS



LED TUBE T5 HF



DULUX LED



LED EXTERNAL SYSTEM:
LED TUBE T8/T5 EXTERNAL
LED T5 FC EXTERNAL
DULUX LED L EXTERNAL
Operated with: LED DRIVER EXTERNAL

LED TUBE T8 EM MULTI LUMEN

THE NEW 2-IN-1 TUBE

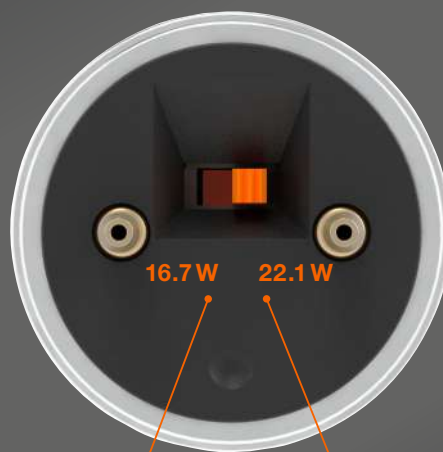
LEDVANCE is the first supplier on the market to present LED TUBE models with MULTI LUMEN functionality. They come with a longer life and guarantees of up to seven years. What's more, users can choose from two luminous flux levels before installation. For you, this means reduced warehousing, greater flexibility and simplified project planning for a variety of lighting requirements.

LED TUBE T8 EM MULTI LUMEN

- Fewer EANs and the same choice of luminous flux thanks to MULTI LUMEN
- Increased lifetime up to 100 000 h
- Increased guarantee up to 7 years
- Available in 1.2 and 1.5 m

SUPERIOR
CLASS

PERFOR-
MANCE
CLASS



Step 2

lower power,
lower luminous flux
► highest energy savings

Step 1 ► Default

higher power,
higher luminous flux
► highest performance

BENEFITS FOR INSTALLERS

- + Always the right product choice
- + Quick and practical solutions
- + Easier project planning with different lighting needs

BENEFITS FOR WHOLESALEERS

- + Lower stock risk and easier planning thanks to leaner ranges
- + Less time and effort for consultation thanks to reduced complexity

DULUX LED L EXTERNAL



LED UPGRADE MADE EASY

The clever LED EXTERNAL SYSTEM is now also available for CFLni lamps with 2G11 bases.

LEDVANCE DULUX LED L EXTERNAL

- DULUX LED L EXTERNAL replacement of CFLni DULUX L18, 24, 36 and 55 W lamps 2G11 base
- Available in 3000/4000 K
- Lower maintenance cost thanks to 4–5 times longer lifetime than conventional lamps (50 000 h)
- Quick, simple and safe way to upgrade into LED technology
- Keep existing luminaire using similar form-factor with CFLni products
- 5 years guarantee

SWAP COMPONENTS INSTEAD OF DISCARDING THEM

CIRCULAR
ECONOMY
APPROACH

KEEP
EXISTING
LUMINAIRE



PERFOR-
MANCE
CLASS



DALI-2

OPERATION WITH
LEDVANCE DALI-2
DRIVERS

PERFOR-
MANCE
CLASS



DIMMABLE
SYSTEM

Simply keep the luminaire and just change the driver and lamp. The LED EXTERNAL SYSTEM is a versatile solution for lighting systems where direct lamp replacement is not possible or a dimmable lamp is required. It is DALI-2 compatible and, thanks to replaceable components, sustainable and economical.

www.nortecnica.pt

STREET-LIGHTING 2.0

Almost identical in design and thanks to 360° beam angle with existing reflectors, these ENEC-certified LED lamps are the perfect replacement for conventional NAV and HQL lamps.

NAV LED FILAMENT P

- CCG compatible
- Suitable for operation on 230 V
- 4kV surge protection
- Very long life of 60 000 h (L70/B50)
- Extremely efficient up to 195 lm/W
- In 4000 K and 2 700 K



PERFORMANCE CLASS

HQL LED FILAMENT P

- CCG compatible
- Suitable for operation on 230 V
- 4kV surge protection
- Very long life of 60 000 h (L70/B50)
- Very efficient up to 185 lm/W
- In 4000 K and 2 700 K



PERFORMANCE CLASS



PERFORMANCE CLASS



D

Filament lamps

PERFORMANCE CLASS



Heatsink lamps

SUPERIOR CLASS

PERFORMANCE CLASS

E



Spotlight lamps

IMPROVEMENT OF OUR STANDARD PORTFOLIO

For us, good isn't good enough. That's why we're constantly working on optimising our lamps. For example, our new filament lamps now come in energy efficiency class D and our spotlight lamps in class E.

Another highlight in terms of sustainability is that all heatsink lamps comply with our Natureloop concept and are made of at least 50 % recycled plastic (see page 13).



LED SLIM LINE R7S

- Particularly compact dimensions (SLIM LINE)
- Fits into most R7s luminaires thanks to excentric base
- Good all-around light emission
- Lower thermal output
- Lower energy consumption than incandescent or halogen lamps

PERFORMANCE CLASS

SMALL BUT EFFICIENT

Our LED pin lamps combine atmospheric light with maximum efficiency, are dimmable and can be used in almost all existing luminaires because their dimensions are similar to conventional pin lamps.



RENOVATION LAMP

- Renovation lamp with a connected power wire and terminal block in a secure box
- No need for an extra pendulum socket
- Streamlines installation, reducing time for electricians
- Cost-saving through integration of lamp and cable connection
- Application: New construction and renovation sites



FAST SOLUTION FOR TEMPORARY LIGHT

Thanks to its design and insulation, the renovation lamp can be operated straight away without an extra base connection.



LED ENERGY CLASS A: EFFICIENCY MEETS QUALITY

Saving money, defying the energy crisis or being kind to the environment – there are many arguments for using our extremely economical energy efficiency class A lamps. But the best thing is and remains their high quality of light.



LAMPS THAT SET STANDARDS IN MANY RESPECTS

Our lamps in energy efficiency class A define what is technically feasible. Each component has been optimised to ensure the highest quality, exemplary luminous efficacy and extreme durability. This means you can benefit in three ways – from low energy costs, outstanding sustainability and impressive lighting performance.

- Up to 93 % more economical than ordinary light bulbs
- Up to 60 % more economical than standard LED lamps
- Very long lifetime of up to 100 000 hours
- Guarantee of up to 10 years



LEDVANCE OPTIMISED THE EFFICIENCY OF ITS LAMP SYSTEM:

Efficiency of at least
210 lm/W

Lower energy consumption
up to 93 %

Operating life
100 000 h

Energy efficiency class
A

Recycled glass
approx. 30 %

**>> HIGHLY
EFFICIENT**

NATURELOOP LED LAMPS

- Using at least 50% recycled plastic (PCR)¹ reduces plastic waste that ends up in the oceans and landfills.
- The production of PCR is resource-efficient because it requires less energy, water and oil than for new plastic.
- The lower energy consumption also means a lower CO₂ footprint and therefore counteracts climate change.
- Developed by our international research and development teams for strong performance and sustainability.

LOWER ENVIRONMENTAL IMPACT DURING PRODUCTION:

71 %
Lower CO₂ emissions

88 %
Less energy

59 %
Less water

CONSERVE RESOURCES

PERFORMANCE CLASS



¹ Based on the plastic content of the product

ECOLOGICAL USE OF RESOURCES

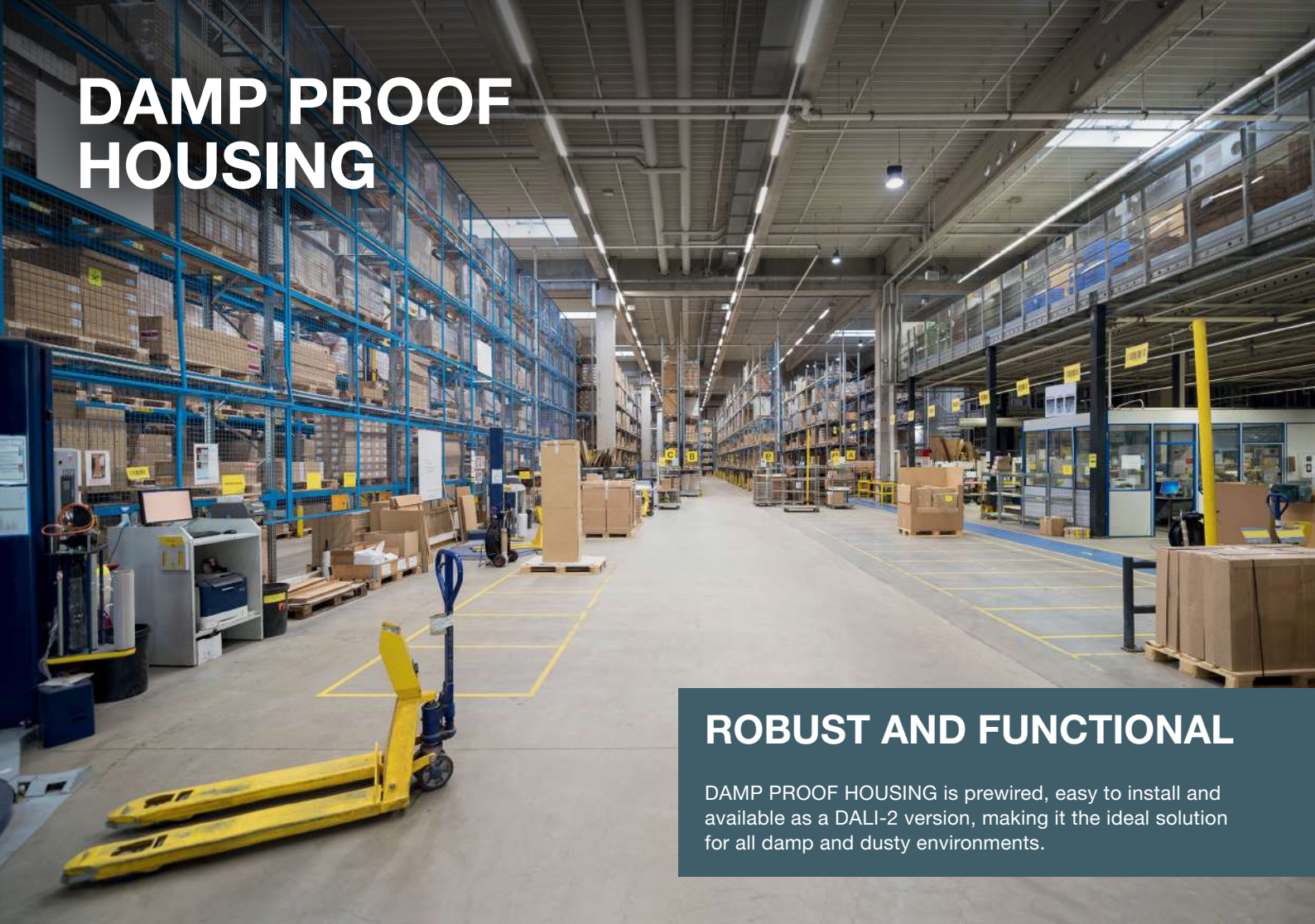
NATURELOOP by LEDVANCE represents our shared responsibility to the environment and stands for sustainable product design using recycled plastic and aluminium. This allows us to reduce CO₂ emissions, conserve resources and combine environmental responsibility with top performance. The NATURELOOP signet stands for sustainable, eco-minded lighting solutions.



WOULD YOU LIKE TO KNOW MORE ABOUT OUR HIGHLIGHTS?

Contact us:
contact@ledvance.com
+49 89 780673-600

DAMP PROOF HOUSING



ROBUST AND FUNCTIONAL

DAMP PROOF HOUSING is prewired, easy to install and available as a DALI-2 version, making it the ideal solution for all damp and dusty environments.

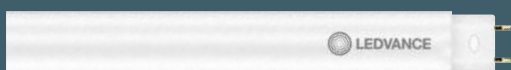


Whether in car parks, warehouses or production halls, the robust DAMP PROOF HOUSING delivers what it promises and is particularly efficient in combination with LED TUBE T8 EM or LED TUBE T8 EM CONNECTED. It is also available with a pre-installed LED TUBE EXTERNAL driver on request, making it dimmable and suitable for DALI-2 and emergency lighting systems. Inspire your customers with our dream team featuring DAMP PROOF HOUSING and LED TUBE T8.

DALI-2

DIM

PERFORMANCE CLASS



LEDVANCE LED TUBE T8 EM CONNECTED P

ENERGY SAVINGS

Lighting technology	Net luminous flux	Number of luminaires	Luminaire wattage incl. losses	Connected load	Energy consumption per year	Energy savings vs old system
LED TUBE T8 EM CONNECTED P 24 W/4000K 1500 mm	3 600 lm	50	24 W	1 200 W	4 992 kWh	66 %*
Conventional: damp-proof luminaire T8 1 x 58 W	3 454 lm	50	70 W	3 500 W	14 560 kWh	

OPERATING DATA: Operation per year (days): **260** | Operation per day (hours): **16** | Estimated active times per day (hours): **8**

The energy consumption refers to the LED lighting solution without LMS and does not take into account any lighting scenes or their dimming states.

* Assumed savings through LMS in relation to the new system with LEDs: 40 %; based on the following assumptions: Motion detector with comfort dimming 40 %. During operating times, the lighting system will only be dimmed down to 20 %. This is more comfortable for users because they do not have to enter the space in complete darkness. The assumptions made for the LMS savings calculations are approximate and are based on practical experience from the lighting industry. Energy savings through LMS always need to be calculated based on the specific project.

DAMP PROOF HOUSING GEN 3

Damp-proof luminaire for T8 LED lamps with tool-free luminaire connector

PERFOR-
MANCE
CLASS

Product name	EAN (GTIN)		L x W x H [mm] Ø x H [mm]
DP HOUSING 600 P 1XLAMP IP65	4099854118050	G13	675 x 65 x 70
DP HOUSING 600 P 2XLAMP IP65	4099854118074	G13	675 x 95 x 70
DP HOUSING 1200 P 1XLAMP IP65	4099854118098	G13	1280 x 65 x 70
DP HOUSING 1200 P 2XLAMP IP65	4099854118111	G13	1280 x 95 x 70
DP HOUSING 1500 P 1XLAMP IP65	4099854118159	G13	1585 x 65 x 70
DP HOUSING 1500 P 2XLAMP IP65	4099854118210	G13	1585 x 95 x 70

DAMP PROOF HOUSING GEN 3 DALI

Damp-proof luminaire for dimmable LED TUBE

PERFOR-
MANCE
CLASS

Product name	EAN (GTIN)			L x W x H [mm] Ø x H [mm]
DP HOUSING DALI 1200 P 1XLAMP IP65	4099854146442	G13	DALI-2	1280 x 65 x 70
DP HOUSING DALI 1200 P 2XLAMP IP65	4099854146466	G13	DALI-2	1280 x 95 x 70
DP HOUSING DALI 1500 P 1XLAMP IP65	4099854146480	G13	DALI-2	1585 x 65 x 70
DP HOUSING DALI 1500 P 2XLAMP IP65	4099854146503	G13	DALI-2	1585 x 95 x 70

DAMP PROOF HOUSING EMERGENCY

Damp-proof luminaire for emergency lighting application

PERFOR-
MANCE
CLASS

Product name	EAN (GTIN)			L x W x H [mm] Ø x H [mm]
DP HOUSING EM 1200 P 1XLAMP IP65	4099854148880	G13	DALI-2	1280 x 65 x 70
DP HOUSING EM 1200 P 2XLAMP IP65	4099854148903	G13	DALI-2	1280 x 95 x 70
DP HOUSING EM 1500 P 1XLAMP IP65	4099854148927	G13	DALI-2	1585 x 65 x 70
DP HOUSING EM 1500 P 2XLAMP IP65	4099854148941	G13	DALI-2	1585 x 95 x 70

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



FIND OUT MORE:
ledvance.com/tubes



LED TUBE T8 EM SUPERIOR

High performance LED tubes for electromagnetic control gear (CCG) and AC mains, shatterproof



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Multi Lumen function: 2 power steps selectable (1200 mm, 1500 mm)
- LED tube made of glass with shatter protection e.g. for food industry applications
- ENEC 10 VDE mark

PRODUCT BENEFITS

- Energy savings of up to 71 % (compared to T8 fluorescent lamp)
- Quick, simple and safe replacement with or without rewiring
- Highly versatile thanks to selectable power/lumen steps (1200 mm, 1500 mm)
- No bending thanks to glass technology
- Very high resistance to switching loads
- Also suitable for operation at low temperatures

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)												
LED TUBE T8 EM SUPERIOR 438 mm 5.1W 830	40998544 432446	15 W	G13	450	5.1	810	158	3000	190	80	100000		10
LED TUBE T8 EM SUPERIOR 438 mm 5.1W 840	40998544 432507	15 W	G13	450	5.1	900	176	4000	190	80	100000		10
LED TUBE T8 EM SUPERIOR 438 mm 5.1W 865	40998544 432569	15 W	G13	450	5.1	900	176	6500	190	80	100000		10
LED TUBE T8 EM SUPERIOR 600 mm 6.3W 830	40998544 432040	18 W	G13	603	6.3	990	157	3000	190	80	100000		10
LED TUBE T8 EM SUPERIOR 600 mm 6.3W 840	40998544 432064	18 W	G13	603	6.3	1100	174	4000	190	80	100000		10
LED TUBE T8 EM SUPERIOR 600 mm 6.3W 865	40998544 432088	18 W	G13	603	6.3	1100	174	6500	190	80	100000		10
LED TUBE T8 EM SUPERIOR 900 mm 9.7W 830	40998544 432163	30 W	G13	908	9.7	1530	157	3000	190	80	100000		10
LED TUBE T8 EM SUPERIOR 900 mm 9.7W 840	40998544 432200	30 W	G13	908	9.7	1700	175	4000	190	80	100000		10
LED TUBE T8 EM SUPERIOR 900 mm 9.7W 865	40998544 432224	30 W	G13	908	9.7	1700	175	6500	190	80	100000		10
LED TUBE T8 EM SUPERIOR 1050 mm 11.4W 830	40998544 432361	38 W	G13	1060	11.4	1800	157	3000	190	80	100000		10
LED TUBE T8 EM SUPERIOR 1050 mm 11.4W 840	40998544 432385	38 W	G13	1060	11.4	2000	175	4000	190	80	100000		10
LED TUBE T8 EM SUPERIOR 1050 mm 11.4W 865	40998544 432422	38 W	G13	1060	11.4	2000	175	6500	190	80	100000		10
LED TUBE T8 EM SUPERIOR 1200 mm 11.3W/14W 830	40998544 432743	36 W	G13	1212	14.0 / 11.3	2300 / 1900	164	3000	190	80	100000		10
LED TUBE T8 EM SUPERIOR 1200 mm 11.3W/14W 840	40998544 432767	36 W	G13	1212	14.0 / 11.3	2600 / 2100	185	4000	190	80	100000		10
LED TUBE T8 EM SUPERIOR 1200 mm 11.3W/14W 865	40998544 432781	36 W	G13	1212	14.0 / 11.3	2600 / 2100	185	6500	190	80	100000		10
LED TUBE T8 EM SUPERIOR 1500 mm 16.7W/22.1W 830	40998544 432606	58 W	G13	1513	22.10 / 16,7	3700 / 2800	167	3000	190	80	100000		10
LED TUBE T8 EM SUPERIOR 1500 mm 16.7W/22.1W 840	40998544 432620	58 W	G13	1513	22.10 / 16,7	4100 / 3100	185	4000	190	80	100000		10
LED TUBE T8 EM SUPERIOR 1500 mm 16.7W/22.1W 865	40998544 432644	58 W	G13	1513	22.10 / 16,7	4100 / 3100	185	6500	190	80	100000		10
LED TUBE T8 EM SUPERIOR 1200 mm 14W 940	40998544 432804	36 W	G13	1212	14	2600	185	4000	190	90	100000		10
LED TUBE T8 EM SUPERIOR 1500 mm 22.1W 940	40998544 432668	58 W	G13	1513	22.1	4100	185	4000	190	90	100000		10
LED TUBE T8 EM SUPERIOR 1500 mm 22.1W 965	40998544 438211	58 W	G13	1513	22.1	4100	185	6500	190	90	100000		10

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

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

LED TUBE T8 EM ENERGY EFFICIENCY CLASS A

High performance LED tubes for electromagnetic control gear (CCG) and AC mains, EEC A



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Extremely high efficiency of 210 lm/W
- Low flicker according to EU 2019-2020 ($SVM \leq 0.4$ / $PstLM \leq 1$)
- ENEC 10 VDE mark
- Lifetime up to 100,000 h
- Type of protection: IP20
- Mercury-free and RoHS compliant

PRODUCT BENEFITS

- Highest energy savings possible thanks to energy efficiency class A
- No bending thanks to glass technology
- Very high resistance to switching loads
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 72 % (compared to T8 fluorescent lamp)
- Also suitable for operation at low temperatures

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20...+50\text{ }^{\circ}\text{C}$
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

Product name	GTIN (EAN)	W	W	mm	W	lm	lm/W	K	°	CRI	t _h	h	h	h
LED TUBE T8 EM ENERGY EFFICIENCY CLASS A 1200 mm 10W 840	4099854223310	36 W	G13	1212	10	2100	210	4000	190	80	100000	10	10	10
LED TUBE T8 EM ENERGY EFFICIENCY CLASS A 1500 mm 17.6W 840	4099854223334	58 W	G13	1513	17.6	3700	210	4000	190	80	100000	10	10	10

LED TUBE T8 EM PERFORMANCE

LED tubes for electromagnetic control gear (CCG) and AC mains, shatterproof



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Multi Lumen function: 2 power steps selectable (1200 mm, 1500 mm)
- LED tube made of glass with shatterproof protection e.g. for food industry applications
- Very long lifetime: up to 75,000 h

PRODUCT BENEFITS

- Energy savings of up to 67 % (compared to T8 fluorescent lamp)
- Quick, simple and safe replacement with or without rewiring
- Highly versatile thanks to selectable power/lumen steps (1200 mm, 1500 mm)
- No bending thanks to glass technology
- Very high resistance to switching loads
- Also suitable for operation at low temperatures

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)												
LED TUBE T8 EM PERFORMANCE 600 mm 7W 830	4099854432101	18 W	G13	603	7	990	141	3000	190	80	75000		10
LED TUBE T8 EM PERFORMANCE 600 mm 7W 840	4099854432125	18 W	G13	603	7	1100	157	4000	190	80	75000		10
LED TUBE T8 EM PERFORMANCE 600 mm 7W 865	4099854432149	18 W	G13	603	7	1100	157	6500	190	80	75000		10
LED TUBE T8 EM PERFORMANCE 1200 mm 13.1W/15.6W 830	4099854432828	36 W	G13	1212	15.60 / 13.10	2300 / 1900	147	3000	190	80	75000		10
LED TUBE T8 EM PERFORMANCE 1200 mm 13.1W/15.6W 840	4099854432842	36 W	G13	1212	15.60 / 13.10	2500 / 2100	160	4000	190	80	75000		10
LED TUBE T8 EM PERFORMANCE 1200 mm 13.1W/15.6W 865	4099854432866	36 W	G13	1212	15.60 / 13.10	2500 / 2100	160	6500	190	80	75000		10
LED TUBE T8 EM PERFORMANCE 1500 mm 19.3W/23.1W 830	4099854432682	58 W	G13	1513	23.10 / 19.3	3300 / 2800	142	3000	190	80	75000		10
LED TUBE T8 EM PERFORMANCE 1500 mm 19.3W/23.1W 840	4099854432705	58 W	G13	1513	23.10 / 19.3	3700 / 3100	160	4000	190	80	75000		10
LED TUBE T8 EM PERFORMANCE 1500 mm 19.3W/23.1W 865	4099854432729	58 W	G13	1513	23.10 / 19.3	3700 / 3100	160	6500	190	80	75000		10

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

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

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LED TUBE T8 EM VALUE

Economic LED tubes for electromagnetic control gear (CCG) and AC mains



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Single and tandem operation on conventional control gear (≤ 0.9 m versions)
- Tube made of glass
- Long lifetime up to 50,000 h
- Uniform illumination

PRODUCT BENEFITS

- Energy savings of up to 69 % (compared to T8 fluorescent lamp)
- Quick, simple and safe replacement with or without rewiring
- No bending thanks to glass technology
- Very high resistance to switching loads
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Also suitable for operation at low temperatures

AREAS OF APPLICATION

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

		VALUE CLASS GLASS CCG 230V AC DC IP20 LEDVANCE 3 year guarantee												
Product name		GTIN (EAN)												
	LED TUBE T8 EM ULTRA OUTPUT VALUE 1200 mm 20W 830	4099854434785	36 W	G13	1213	20	2160	108	3000	190	80	50000		10
	LED TUBE T8 EM ULTRA OUTPUT VALUE 1200 mm 20W 840	4099854434808	36 W	G13	1213	20	2400	120	4000	190	80	50000		10
	LED TUBE T8 EM ULTRA OUTPUT VALUE 1200 mm 20W 865	4099854434822	36 W	G13	1213	20	2400	120	6500	190	80	50000		10
	LED TUBE T8 EM ULTRA OUTPUT VALUE 1500 mm 29W 830	4099854434846	58 W	G13	1514	29	3150	108	3000	190	80	50000		10
	LED TUBE T8 EM ULTRA OUTPUT VALUE 1500 mm 29W 840	4099854434860	58 W	G13	1514	29	3500	120	4000	190	80	50000		10
	LED TUBE T8 EM ULTRA OUTPUT VALUE 1500 mm 29W 865	4099854434884	58 W	G13	1514	29	3500	120	6500	190	80	50000		10
	LED TUBE T8 EM VALUE 438 mm 5.4W 830	4099854434945	15 W	G13	451	5.4	585	108	3000	190	80	50000		10
	LED TUBE T8 EM VALUE 438 mm 5.4W 840	4099854434969	15 W	G13	451	5.4	650	120	4000	190	80	50000		10
	LED TUBE T8 EM VALUE 438 mm 5.4W 865	4099854434983	15 W	G13	451	5.4	650	120	6500	190	80	50000		10
	LED TUBE T8 EM VALUE 600 mm 6.6W 830	4099854434723	18 W	G13	604	6.6	720	109	3000	190	80	50000		10
	LED TUBE T8 EM VALUE 600 mm 6.6W 840	4099854434747	18 W	G13	604	6.6	800	121	4000	190	80	50000		10
	LED TUBE T8 EM VALUE 600 mm 6.6W 865	4099854434761	18 W	G13	604	6.6	800	121	6500	190	80	50000		10
	LED TUBE T8 EM VALUE 720 mm 7W 830	4099854435003	16 W	G13	734	7	765	109	3000	190	80	50000		10
	LED TUBE T8 EM VALUE 720 mm 7W 840	4099854435027	16 W	G13	734	7	850	121	4000	190	80	50000		10
	LED TUBE T8 EM VALUE 720 mm 7W 865	4099854435041	16 W	G13	734	7	850	121	6500	190	80	50000		10
	LED TUBE T8 EM VALUE 900 mm 10W 830	4099854435065	30 W	G13	908	10	1080	108	3000	190	80	50000		10
	LED TUBE T8 EM VALUE 900 mm 10W 840	4099854435089	30 W	G13	908	10	1200	120	4000	190	80	50000		10
	LED TUBE T8 EM VALUE 900 mm 10W 865	4099854435102	30 W	G13	908	10	1200	120	6500	190	80	50000		10
	LED TUBE T8 EM VALUE 1050 mm 11.6W 830	4099854434525	38 W	G13	1061	11.6	1260	108	3000	190	80	50000		10
	LED TUBE T8 EM VALUE 1050 mm 11.6W 840	4099854434556	38 W	G13	1061	11.6	1400	120	4000	190	80	50000		10
	LED TUBE T8 EM VALUE 1050 mm 11.6W 865	4099854434570	38 W	G13	1061	11.6	1400	120	6500	190	80	50000		10
	LED TUBE T8 EM VALUE 1200 mm 15W 830	4099854434600	36 W	G13	1213	15	1620	108	3000	190	80	50000		10
	LED TUBE T8 EM VALUE 1200 mm 15W 840	4099854434624	36 W	G13	1213	15	1800	120	4000	190	80	50000		10
	LED TUBE T8 EM VALUE 1200 mm 15W 865	4099854434648	36 W	G13	1213	15	1800	120	6500	190	80	50000		10
	LED TUBE T8 EM VALUE 1500 mm 18.3W 830	4099854434662	58 W	G13	1514	18.3	2000	109	3000	190	80	50000		10
	LED TUBE T8 EM VALUE 1500 mm 18.3W 840	4099854434686	58 W	G13	1514	18.3	2200	120	4000	190	80	50000		10
	LED TUBE T8 EM VALUE 1500 mm 18.3W 865	4099854434709	58 W	G13	1514	18.3	2200	120	6500	190	80	50000		10
	LED TUBE T8 EM VALUE 1800 mm 21.6W 840	4099854434907	70 W	G13	1777	21.6	2600	120	4000	190	80	50000		10
	LED TUBE T8 EM VALUE 1800 mm 21.6W 865	4099854434921	70 W	G13	1777	21.6	2600	120	6500	190	80	50000		10

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

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

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LED TUBE T8 EM ULTRA OUTPUT HIGH TEMPERATURE

High performance LED tubes for electromagnetic control gear (CCG) and AC mains, for applications with high ambient temperature



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Very broad ambient temperature range: -20...+80 °C
- Low flicker according to EU 2019-2020 (SVM ≤ 0.4 / PstLM ≤ 1)
- Lifetime at 25 °C ambient temperature up to 75,000 h
- Mercury-free and RoHS compliant

PRODUCT BENEFITS

- Suitable for high ambient temperatures of more than +80 °C
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 62 % (compared to T8 fluorescent lamp)

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+80 °C
- Illumination of production areas
- Industry



Product name	GTIN (EAN)	W	W	l	W	lm	lm/W	K	°	CRI	t _h	h	h
LED TUBE T8 EM ULTRA OUTPUT HIGH TEMPERATURE 1200 mm 14W 840	4099854258572	36 W	G13	1213	14	2600	185	4000	120	80	75000	10	10
LED TUBE T8 EM ULTRA OUTPUT HIGH TEMPERATURE 1500 mm 22.1W 840	4099854258596	58 W	G13	1514	22.1	4100	185	4000	120	80	75000	10	10

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ 2 years guarantee for operation between T_c 61 °C and T_c max., 5 years guarantee for operation at T_c ≤ 60 °C. Refer to www.ledvance.com/guarantee for precise conditions | ² L70/B50 | ³ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 EM ULTRA OUTPUT HIGHBAY

High performance LED tubes for electromagnetic control gear (CCG) and AC mains, and for high bay applications



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Narrow beam angle: 90°
- Rotatable end caps
- Low flicker according to EU 2019-2020 (SVM ≤ 0.4 / PstLM ≤ 1)
- ENEC 10 VDE mark
- Lifetime up to 75,000 h
- Mercury-free and RoHS compliant

PRODUCT BENEFITS

- Very high illuminance level compared to standard LED tubes
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 62 % (compared to T8 fluorescent lamp)

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50 °C
- Storage and (high bay) warehouses
- Illumination of production areas
- Industry



Product name	GTIN (EAN)	W	W	mm	W	lm	lm/W	K	°	CRI	t _h ²	lm ³	
LED TUBE T8 EM ULTRA OUTPUT HIGHBAY 1200 mm 14W 840	4099854258633	36 W	G13	1213	14	2600	185	4000	90	80	75000	10	
LED TUBE T8 EM ULTRA OUTPUT HIGHBAY 1500 mm 22.1W 840	4099854258671	58 W	G13	1514	22.1	4100	185	4000	90	80	75000	10	

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

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

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LED TUBE T8 EM 6 KV ROTATABLE

High performance LED tubes for electromagnetic control gears (CCG), 6 kV surge protection, rotatable endcaps, shatterproof



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- High surge protection: up to 6 kV (L-N)
- LED tube can be rotated by up to 90° to each side thanks to rotatable endcaps
- Low flicker according to EU 2019-2020 (SVM ≤ 0.4 / PstLM ≤ 1)
- ENEC 10 VDE mark
- Mercury-free and RoHS compliant

PRODUCT BENEFITS

- Light right where it is needed thanks to rotatable endcaps
- 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
- Rail stations, overground and underground
- Illumination of production areas
- Traffic zones and corridors
- Industry



Product name ²	GTIN (EAN)	W	W	mm	W	lm	lm/W	K	°	CRI	t _h ³	lm/W ⁴	
LED TUBE T8 EM 6 KV ROTATABLE 1200 mm 14W 830	4099854573095	36 W	G13	1212	14	2300	164	3000	190	80	100000		10
LED TUBE T8 EM 6 KV ROTATABLE 1200 mm 14W 840	4099854573187	36 W	G13	1212	14	2600	185	4000	190	80	100000		10
LED TUBE T8 EM 6 KV ROTATABLE 1500 mm 22.1W 830	4099854573217	58 W	G13	1513	22.1	3700	167	3000	190	80	100000		10
LED TUBE T8 EM 6 KV ROTATABLE 1500 mm 22.1W 840	4099854573255	58 W	G13	1513	22.1	4100	185	4000	190	80	100000		10

LED TUBE T8 EM CHIP CONTROL

High performance LED tubes for electromagnetic control gear (CCG) and AC mains, with UV filter sleeve



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG luminaires or on AC mains
- Excellent filter performance below 500 nm
- Low flicker according to EU 2019-2020 ($SVM \leq 0.4$ / $PstLM \leq 1$)
- ENEC 10 VDE mark
- Lifetime up to 50,000 h
- Mercury-free and RoHS compliant

PRODUCT BENEFITS

- Excellent UV filter
- Very high resistance to switching loads
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 62 % (compared to T8 fluorescent lamp)
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Also suitable for operation at low temperatures

AREAS OF APPLICATION

- Micro chip and semiconductor production
- Applications where UV and blue light percentage have to be reduced to a minimum
- Industry



Product name	GTIN (EAN)	W _{ΔW}	W	I [mm]	W	lm	lm/W	K	°	CRI	t _h ¹	
LED TUBE T8 EM CHIP CONTROL 1200 mm 18W	4099854271472	36 W	G13	1212	18	2000	111	2000	190	35	50000	10
LED TUBE T8 EM CHIP CONTROL 1500 mm 23W	4099854271496	58 W	G13	1513	23	2500	108	2000	190	35	50000	10

LED TUBE T8 EM MOTION SENSOR

LED tubes with integrated microwave sensor for electromagnetic control gear (CCG) and AC mains, shatterproof



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
- Mercury-free and RoHS compliant

PRODUCT BENEFITS

- Energy savings of up to 67 % compared to conventional fluorescent lamp
- Suitable for closed luminaires thanks to microwave technology
- Very high resistance to switching loads
- Quick, simple and safe replacement of fluorescent lamps without rewiring the CCG
- No bending thanks to glass tube

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+50 °C
- Corridors, stairways, parking garages
- Warehouses
- Walkways and corridors
- Logistics areas, transport facilities and corridors



Product name	GTIN (EAN)	W	Socket	Length [mm]	W	lm	lm/W	K	°	CRI	t _h ²	°C	°C	°C
LED TUBE T8 EM MOTION SENSOR 600 mm 6.8W 840	4099854044472	18 W	G13	603	6.8	1100	161	4000	190	80	60000	10	10	10
LED TUBE T8 EM MOTION SENSOR 1200 mm 13.1W 840	4099854044960	36 W	G13	1212	13.1	2100	160	4000	190	80	60000	10	10	10
LED TUBE T8 EM MOTION SENSOR 1500 mm 19.3W 840	4099854045066	58 W	G13	1513	19.3	3100	160	4000	190	80	60000	10	10	10

LED TUBE T8 EM FOOD

LED tubes for electromagnetic control gear (CCG) and AC mains, 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
- ENEC 10 VDE mark
- Mercury-free and RoHS compliant

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 74 % (compared to T8 fluorescent lamp)
- Shatter protection thanks to special PET coating

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)	WΔW			W	lm	lm/W	K		CRI	t _h ²	
LED TUBE T8 EM FOOD 600 mm 5.2W 833	4099854044793	18 W	G13	603	5.2	500	96	3300	190	80	60000	10
LED TUBE T8 EM FOOD 900 mm 7.9W 833	4099854045226	30 W	G13	908	7.9	750	94	3300	190	80	60000	10
LED TUBE T8 EM FOOD 1200 mm 11.6W 833	4099854045004	36 W	G13	1212	11.6	1100	94	3300	190	80	60000	10
LED TUBE T8 EM FOOD 1500 mm 17.9W 833	4099854045127	58 W	G13	1513	17.9	1700	94	3300	190	80	60000	10

LED TUBE T8 EM CONNECTED GEN 2

LED tube for electromagnetic control gear (CCG) works with Connected Sensors, shatterproof



PRODUCT FEATURES

- Network protocol: ZigBee 3.0 (2.4 GHz mesh network)
- LED TUBE T8 EM Connected can be only operated 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
- Industry
- Offices



Product name	GTIN (EAN)	W _g W	W _g	L (mm)	W	lm	lm/w	K	°C	CRI	t _h ³	Energy efficiency class ⁴	Warranty ²
LED TUBE T8 EM CONNECTED P 600 mm 7.5W 830	4099854144431	18 W	G13	603	7.5	1000	133	3000	190	80	50000		10
LED TUBE T8 EM CONNECTED P 600 mm 7.5W 840	4058075823938	18 W	G13	603	7.5	1100	146	4000	190	80	50000		10
LED TUBE T8 EM CONNECTED P 600 mm 7.5W 865	4058075823952	18 W	G13	603	7.5	1100	146	6500	190	80	50000		10
LED TUBE T8 EM CONNECTED P 1200 mm 16W 830	4099854144455	36 W	G13	1213	16	2160	135	3000	190	80	50000		10
LED TUBE T8 EM CONNECTED P 1200 mm 16W 840	4058075823976	36 W	G13	1213	16	2400	150	4000	190	80	50000		10
LED TUBE T8 EM CONNECTED P 1200 mm 16W 865	4058075823990	36 W	G13	1213	16	2400	150	6500	190	80	50000		10
LED TUBE T8 EM CONNECTED P 1500 mm 24W 830	4099854144479	58 W	G13	1513	24	3250	135	3000	190	80	50000		10
LED TUBE T8 EM CONNECTED P 1500 mm 24W 840	4058075824010	58 W	G13	1513	24	3600	150	4000	190	80	50000		10
LED TUBE T8 EM CONNECTED P 1500 mm 24W 865	4058075824034	58 W	G13	1513	24	3600	150	6500	190	80	50000		10

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Only dimmable with LEDVANCE Connected Sensor | 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)

CONNECTED TUBE SYSTEM COMPONENTS

Sensor for LED TUBE Connected TUBE and Connected Sensor Remote for LEDVANCE Connected Sensor HB and LB



Product name	GTIN (EAN)	INFRARED	L x W x H [mm] Ø x H [mm]	°	IP	t _{in}	kHz ECG		No.
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LEDVANCE CONNECTED SENSOR LOW BAY GEN 2 PIR motion sensor enabling wireless control with LEDVANCE LED TUBE T8 Connected. Easy to install and set up. Ideal for parking garages and warehouses. Wireless PIR motion sensor, Zigbee 3.0 protocol, two-step dimming (20 %, 100 %), up to 4 m mounting height, IP54, operates from -20 to +50 °C, compatible with connected tubes only.													
CONNECTED SENSOR LB	4058075 232969	Passive infrared (PIR)	95 x 95 x 126 x 65	360	IP54	50000	50	27	1				

LEDVANCE CONNECTED SENSOR HIGH BAY GEN 2 PIR motion sensor enabling wireless control with LEDVANCE LED TUBE T8 Connected. Easy to install and set up. Ideal for parking garages and warehouses. Wireless PIR sensor, Zigbee 3.0, 4-14 m mounting height, two-step dimming (20 %, 100 %), IP54, indoor use, operates from -20 to +50 °C, compatible with connected tubes only.													
CONNECTED SENSOR HB	4058075 232983	Passive infrared (PIR)	95 x 95 x 126 x 65	180	IP54	50000	50	27	2				

Product name	GTIN (EAN)	L x W x H [mm] Ø x H [mm]	°		No.
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LEDVANCE CONNECTED SENSOR REMOTE LEDVANCE Connected Sensor Remote enables effortless control for Connected Sensor HB and LB (Gen 2). It is easy to set up and includes a battery, ensuring reliable and effective lighting management. Compatible with LEDVANCE Connected Sensor HB and LB (Gen 2), battery included (Lithium, 3 V), easy installation, designed for user-friendly operation.							
CONNECTED SENSOR REMOTE CONTROL	4058075 374034	58 x 94 x 8	15	10	3		

LED TUBE T8 UNIVERSAL ULTRA OUTPUT PERFORMANCE

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



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG, ECG luminaires or on AC mains
- Compatible with conventional and many common electronic control gears (see also compatibility list) and line voltage
- Low flicker according to EU 2019-2020 (SVM ≤ 0.4 / PstLM ≤ 1)
- For especially uniform illumination
- Lifetime up to 60,000 h

PRODUCT BENEFITS

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 60 % (compared to T8 fluorescent lamp)
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks
- Also suitable for operation at low temperatures

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45 °C
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry

Product name	GTIN (EAN)	PERFORMANCE CLASS												Energy efficiency class (EEC)	L70/B50
		GLASS			CCG ¹	ECG	230 V AC	IP 20	 LEDVANCE 5 year guarantee ²						
															
LED TUBE T8 UNIVERSAL ULTRA OUTPUT PERFORMANCE 1200 mm 15W 840	4099854026294	36 W	G13	1211	15	2400	160	4000	190	80	60000		10		
LED TUBE T8 UNIVERSAL ULTRA OUTPUT PERFORMANCE 1200 mm 15W 865	4099854026331	36 W	G13	1211	15	2400	160	6500	190	80	60000		10		
LED TUBE T8 UNIVERSAL ULTRA OUTPUT PERFORMANCE 1500 mm 23W 840	4099854026577	58 W	G13	1513	23	3700	160	4000	190	80	60000		10		
LED TUBE T8 UNIVERSAL ULTRA OUTPUT PERFORMANCE 1500 mm 23W 865	4099854026591	58 W	G13	1513	23	3700	160	6500	190	80	60000		10		



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check ECG compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale from A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 UNIVERSAL PERFORMANCE

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



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG, ECG luminaires or on AC mains
- Compatible with conventional and many common electronic control gears (see also compatibility list) and line voltage
- Low flicker according to EU 2019-2020 (SVM ≤ 0.4 / PstLM ≤ 1)
- For especially uniform illumination
- Lifetime up to 60,000 h

PRODUCT BENEFITS

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 66 % (compared to T8 fluorescent lamp)
- Very high resistance to switching loads
- High luminous flux for sophisticated lighting tasks
- Also suitable for operation at low temperatures

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20...+45^{\circ}\text{C}$
- Illumination of production areas
- Traffic zones and corridors
- Supermarkets and department stores
- Industry



Product name	GTIN (EAN)	W	W	mm	W	lm	lm/W	K	°	CRI	t _h	°	°
LED TUBE T8 UNIVERSAL PERFORMANCE 600 mm 7.5W 830	4099854026119	18 W	G13	603	7.5	1000	133	3000	190	80	60000	10	10
LED TUBE T8 UNIVERSAL PERFORMANCE 600 mm 7.5W 840	4099854026157	18 W	G13	603	7.5	1100	146	4000	190	80	60000	10	10
LED TUBE T8 UNIVERSAL PERFORMANCE 600 mm 7.5W 865	4099854026218	18 W	G13	603	7.5	1100	146	6500	190	80	60000	10	10
LED TUBE T8 UNIVERSAL PERFORMANCE 1200 mm 14W 830	4099854026492	36 W	G13	1211	14	1900	135	3000	190	80	60000	10	10
LED TUBE T8 UNIVERSAL PERFORMANCE 1200 mm 14W 840	4099854026393	36 W	G13	1211	14	2100	150	4000	190	80	60000	10	10
LED TUBE T8 UNIVERSAL PERFORMANCE 1200 mm 14W 865	4099854026430	36 W	G13	1211	14	2100	150	6500	190	80	60000	10	10
LED TUBE T8 UNIVERSAL PERFORMANCE 1500 mm 20W 830	4099854026652	58 W	G13	1513	20	2800	140	3000	190	80	60000	10	10
LED TUBE T8 UNIVERSAL PERFORMANCE 1500 mm 20W 840	4099854026614	58 W	G13	1513	20	3100	155	4000	190	80	60000	10	10
LED TUBE T8 UNIVERSAL PERFORMANCE 1500 mm 20W 865	4099854026638	58 W	G13	1513	20	3100	155	6500	190	80	60000	10	10



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check ECG compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale from A (highest efficiency) to G (lowest efficiency)

LED TUBE T8 UNIVERSAL VALUE

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



PRODUCT FEATURES

- LED replacement for classic T8 fluorescent lamps with G13 socket for use in CCG, ECG luminaires or on AC mains
- Compatible with conventional and many common electronic control gears (see also compatibility list) and line voltage
- Low flicker according to EU 2019-2020 (SVM ≤ 0.4 / PstLM ≤ 1)
- Tube made of glass
- Lifetime up to 30,000 h

PRODUCT BENEFITS

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Energy savings of up to 58 % (compared to T8 fluorescent lamp)
- Very high resistance to switching loads
- Also suitable for operation at low temperatures

AREAS OF APPLICATION

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



Product name	GTIN (EAN)												
LED TUBE T8 UNIVERSAL VALUE 600 mm 8W 830	4099854 026515	18 W	G13	603	8	800	100	3000	190	80	30000		10
LED TUBE T8 UNIVERSAL VALUE 600 mm 8W 840	4099854 026539	18 W	G13	603	8	900	112	4000	190	80	30000		10
LED TUBE T8 UNIVERSAL VALUE 600 mm 8W 865	4099854 026553	18 W	G13	603	8	900	112	6500	190	80	30000		10
LED TUBE T8 UNIVERSAL VALUE 1200 mm 18W 830	4099854 026317	36 W	G13	1211	18	1850	102	3000	190	80	30000		10
LED TUBE T8 UNIVERSAL VALUE 1200 mm 18W 840	4099854 026355	36 W	G13	1211	18	2000	111	4000	190	80	30000		10
LED TUBE T8 UNIVERSAL VALUE 1200 mm 18W 865	4099854 026379	36 W	G13	1211	18	2000	111	6500	190	80	30000		10
LED TUBE T8 UNIVERSAL VALUE 1500 mm 24W 830	4099854 026416	58 W	G13	1513	24	2550	106	3000	190	80	30000		10
LED TUBE T8 UNIVERSAL VALUE 1500 mm 24W 840	4099854 026454	58 W	G13	1513	24	2800	116	4000	190	80	30000		10
LED TUBE T8 UNIVERSAL VALUE 1500 mm 24W 865	4099854 026478	58 W	G13	1513	24	2800	116	6500	190	80	30000		10



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check ECG compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale from A (highest efficiency) to G (lowest efficiency)

LED TUBE T5 HF PERFORMANCE

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



PRODUCT FEATURES

- Retrofit replacement of existing T5 lamps on HF ballast installations
- Lamp tube made of glass with splinter protection e.g. for food industry applications
- High color consistency: ≤ 5 sdcm
- Lifetime up to 60,000 h
- Low flicker according to EU 2019-2020 (SVM ≤ 0.4 / PstLM ≤ 1)

PRODUCT BENEFITS

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

AREAS OF APPLICATION

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



Product name	GTIN (EAN)	W	W	l [mm]	W	lm	lm/W	K	°	CRI	t _h	°	°
NEW LED TUBE T5 HF HE14 PERFORMANCE 549 mm 7W 830	4099854552526	14 W	G5	563	7	1000	142	3000	190	80	60000	E	10
NEW LED TUBE T5 HF HE14 PERFORMANCE 549 mm 7W 840	4099854552540	14 W	G5	563	7	1050	150	4000	190	80	60000	D	10
NEW LED TUBE T5 HF HE14 PERFORMANCE 549 mm 7W 865	4099854552564	14 W	G5	563	7	1050	150	6500	190	80	60000	D	10
NEW LED TUBE T5 HF HO24 PERFORMANCE 549 mm 11W 830	4099854497759	24 W	G5	563	11	1550	140	3000	190	80	60000	E	10
NEW LED TUBE T5 HF HO24 PERFORMANCE 549 mm 11W 840	4099854497773	24 W	G5	563	11	1700	154	4000	190	80	60000	D	10
NEW LED TUBE T5 HF HO24 PERFORMANCE 549 mm 11W 865	4099854497797	24 W	G5	563	11	1700	154	6500	190	80	60000	D	10
NEW LED TUBE T5 HF HE21 PERFORMANCE 849 mm 11W 830	4099854552465	21 W	G5	863	11	1550	140	3000	190	80	60000	E	10
NEW LED TUBE T5 HF HE21 PERFORMANCE 849 mm 11W 840	4099854552489	21 W	G5	863	11	1700	154	4000	190	80	60000	D	10
NEW LED TUBE T5 HF HE21 PERFORMANCE 849 mm 11W 865	4099854552502	21 W	G5	863	11	1700	154	6500	190	80	60000	D	10
NEW LED TUBE T5 HF HO39 PERFORMANCE 849 mm 18W 830	4099854497698	39 W	G5	863	18	2550	141	3000	190	80	60000	E	10
NEW LED TUBE T5 HF HO39 PERFORMANCE 849 mm 18W 840	4099854497711	39 W	G5	863	18	2800	155	4000	190	80	60000	D	10
NEW LED TUBE T5 HF HO39 PERFORMANCE 849 mm 18W 865	4099854497735	39 W	G5	863	18	2800	155	6500	190	80	60000	D	10
LED TUBE T5 HF HE28 PERFORMANCE 1149 mm 16W 830	4099854029325	28 W	G5	1163	16	2160	135	3000	190	80	60000	E	10
LED TUBE T5 HF HE28 PERFORMANCE 1149 mm 16W 840	4099854029349	28 W	G5	1163	16	2400	150	4000	190	80	60000	D	10
LED TUBE T5 HF HE28 PERFORMANCE 1149 mm 16W 865	4099854029363	28 W	G5	1163	16	2400	150	6500	190	80	60000	D	10
LED TUBE T5 HF HE35 PERFORMANCE 1449 mm 18W 830	4099854029172	35 W	G5	1463	18	2550	141	3000	190	80	60000	E	10
LED TUBE T5 HF HE35 PERFORMANCE 1449 mm 18W 840	4099854029196	35 W	G5	1463	18	2800	155	4000	190	80	60000	D	10
LED TUBE T5 HF HE35 PERFORMANCE 1449 mm 18W 865	4099854029219	35 W	G5	1463	18	2800	155	6500	190	80	60000	D	10
LED TUBE T5 HF HO54 PERFORMANCE 1149 mm 26W 830	4099854029257	54 W	G5	1163	26	3600	138	3000	190	80	60000	E	10
LED TUBE T5 HF HO54 PERFORMANCE 1149 mm 26W 840	4099854029271	54 W	G5	1163	26	4000	153	4000	190	80	60000	D	10
LED TUBE T5 HF HO54 PERFORMANCE 1149 mm 26W 865	4099854029301	54 W	G5	1163	26	4000	153	6500	190	80	60000	D	10
LED TUBE T5 HF HO49 PERFORMANCE 1449 mm 26W 830	4099854029110	49 W	G5	1463	26	3600	138	3000	190	80	60000	E	10
LED TUBE T5 HF HO49 PERFORMANCE 1449 mm 26W 840	4099854029134	49 W	G5	1463	26	4000	153	4000	190	80	60000	D	10
LED TUBE T5 HF HO49 PERFORMANCE 1449 mm 26W 865	4099854029158	49 W	G5	1463	26	4000	153	6500	190	80	60000	D	10
LED TUBE T5 HF HO80 PERFORMANCE 1449 mm 36W 830	4099854029059	80 W	G5	1463	36	5050	140	3000	190	80	60000	E	10
LED TUBE T5 HF HO80 PERFORMANCE 1449 mm 36W 840	4099854029073	80 W	G5	1463	36	5600	155	4000	190	80	60000	D	10
LED TUBE T5 HF HO80 PERFORMANCE 1449 mm 36W 865	4099854029097	80 W	G5	1463	36	5600	155	6500	190	80	60000	D	10



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check ECG compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale from A (highest efficiency) to G (lowest efficiency)

LED TUBE T5 AC MAINS PERFORMANCE

LED tubes for operation on AC mains



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 sdc_m
- Lifetime up to 50,000 h
- Low flicker according to EU 2019-2020 (SVM ≤ 0.4 / PstLM ≤ 1)
- Type of protection: IP20

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

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

PERFORMANCE CLASS		LEDVANCE													
		GLASS						230 V AC		DC		IP20		5 year guarantee	
Product name		GTIN (EAN)	W _{LED}	G	$\frac{l}{(mm)}$	W	lm	$\frac{lm}{W}$	K	Δ	CRI	t _h ²	η_{opt} ³		
LED TUBE T5 AC HE14 PERFORMANCE 549 mm 7W 830		4099854552762	14 W	G5	563	7	1000	142	3000	190	≥80	50000	85 D	10	
LED TUBE T5 AC HE14 PERFORMANCE 549 mm 7W 840		4099854552786	14 W	G5	563	7	1100	157	4000	190	≥80	50000	85 D	10	
LED TUBE T5 AC HE14 PERFORMANCE 549 mm 7W 865		4099854552809	14 W	G5	563	7	1100	157	6500	190	≥80	50000	85 D	10	
LED TUBE T5 AC HO24 PERFORMANCE 549 mm 11W 830		4099854552649	24 W	G5	563	11	1550	140	3000	190	≥80	50000	85 D	10	
LED TUBE T5 AC HO24 PERFORMANCE 549 mm 11W 840		4099854552663	24 W	G5	563	11	1700	154	4000	190	≥80	50000	85 D	10	
LED TUBE T5 AC HO24 PERFORMANCE 549 mm 11W 865		4099854552687	24 W	G5	563	11	1700	154	6500	190	≥80	50000	85 D	10	
LED TUBE T5 AC HE21 PERFORMANCE 849 mm 11W 830		4099854552700	21 W	G5	863	11	1550	140	3000	190	≥80	50000	85 D	10	
LED TUBE T5 AC HE21 PERFORMANCE 849 mm 11W 840		4099854552724	21 W	G5	863	11	1700	154	4000	190	≥80	50000	85 D	10	
LED TUBE T5 AC HE21 PERFORMANCE 849 mm 11W 865		4099854552748	21 W	G5	863	11	1700	154	6500	190	≥80	50000	85 D	10	
LED TUBE T5 AC HO39 PERFORMANCE 849 mm 18W 830		4099854552588	39 W	G5	863	18	2550	141	3000	190	≥80	50000	85 D	10	
LED TUBE T5 AC HO39 PERFORMANCE 849 mm 18W 840		4099854552601	39 W	G5	863	18	2800	155	4000	190	≥80	50000	85 D	10	
LED TUBE T5 AC HO39 PERFORMANCE 849 mm 18W 865		4099854552625	39 W	G5	863	18	2800	155	6500	190	≥80	50000	85 D	10	
LED TUBE T5 AC HE28 PERFORMANCE 1149 mm 16W 830		4058075824294	28 W	G5	1163	16	2150	134	3000	190	≥80	50000	85 E	10	
LED TUBE T5 AC HE28 PERFORMANCE 1149 mm 16W 840		4058075824317	28 W	G5	1163	16	2400	150	4000	190	≥80	50000	85 D	10	
LED TUBE T5 AC HE28 PERFORMANCE 1149 mm 16W 865		4058075824331	28 W	G5	1163	16	2400	150	6500	190	≥80	50000	85 D	10	
LED TUBE T5 AC HE35 PERFORMANCE 1449 mm 18W 830		4058075824232	35 W	G5	1463	18	2550	141	3000	190	≥80	50000	85 D	10	
LED TUBE T5 AC HE35 PERFORMANCE 1449 mm 18W 840		4058075824256	35 W	G5	1463	18	2800	155	4000	190	≥80	50000	85 D	10	
LED TUBE T5 AC HE35 PERFORMANCE 1449 mm 18W 865		4058075824270	35 W	G5	1463	18	2800	155	6500	190	80	50000	85 D	10	
LED TUBE T5 AC HO49 PERFORMANCE 1449 mm 26W 830		4058075824171	49 W	G5	1463	26	3600	138	3000	190	≥80	50000	85 D	10	
LED TUBE T5 AC HO49 PERFORMANCE 1449 mm 26W 840		4058075824195	49 W	G5	1463	26	4000	153	4000	190	≥80	50000	85 D	10	
LED TUBE T5 AC HO49 PERFORMANCE 1449 mm 26W 865		4058075824218	49 W	G5	1463	26	4000	153	6500	190	80	50000	85 D	10	
LED TUBE T5 AC HO54 PERFORMANCE 1149 mm 26W 830		4058075824119	54 W	G5	1163	26	3600	138	3000	190	≥80	50000	85 D	10	
LED TUBE T5 AC HO54 PERFORMANCE 1149 mm 26W 840		4058075824133	54 W	G5	1163	26	4000	153	4000	190	≥80	50000	85 D	10	
LED TUBE T5 AC HO54 PERFORMANCE 1149 mm 26W 865		4058075824157	54 W	G5	1163	26	4000	153	6500	190	≥80	50000	85 D	10	
LED TUBE T5 AC HO80 PERFORMANCE 1449 mm 36W 830		4058075824058	80 W	G5	1463	36	5050	140	3000	190	≥80	50000	85 D	10	
LED TUBE T5 AC HO80 PERFORMANCE 1449 mm 36W 840		4058075824072	80 W	G5	1463	36	5600	155	4000	190	≥80	50000	85 D	10	
LED TUBE T5 AC HO80 PERFORMANCE 1449 mm 36W 865		4058075824096	80 W	G5	1463	36	5600	155	6500	190	≥80	50000	85 D	10	

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

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

www.nortecnica.pt

LED TUBE T5 HF SHORT VALUE

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



PRODUCT FEATURES

- Retrofit replacement of existing T5 lamps on HF ballast installations
- Lamp tube made of glass with splinter protection
- High color consistency: ≤ 5 sdc
- Lifetime up to 30,000 h
- Low flicker according to EU 2019-2020 ($SVM \leq 0.4$ / $PstLM \leq 1$)
- Type of protection: IP20

PRODUCT BENEFITS

- No bending thanks to glass technology
- Quick, simple and safe replacement without rewiring
- Also suitable for operation at low temperatures
- Please follow all safety advices

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20...+45$ °C
- Public buildings
- Kitchens
- Under-cabinet lighting



Product name	GTIN (EAN)	W Δ W	M	L [mm]	W	lm	lm/W	K	Δ	CRI	t _{in}	Energy efficiency class	Energy efficiency class (EEC)
NEW LED TUBE T5 HF L8 SHORT VALUE 288 mm 4W 830	4099854 552403	8 W	G5	302	4	380	95	3000	190	80	30000	A	25
NEW LED TUBE T5 HF L8 SHORT VALUE 288 mm 4W 840	4099854 552427	8 W	G5	302	4	400	100	4000	190	80	30000	A	25
LED TUBE T5 HF L13 SHORT V 517 mm 7W 830	4058075 823655	13 W	G5	530	7	770	110	3000	190	80	30000	A	25
LED TUBE T5 HF L13 SHORT VALUE 517 mm 7W 840	4058075 823679	13 W	G5	530	7	850	121	4000	190	80	30000	A	25



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check ECG compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale from A (highest efficiency) to G (lowest efficiency)

LED TUBE ACCESSORIES

Conversion kit for single andINGLE AND DOUBLE LAMP LUMINAIRES AND STARTER FOR LED TUBE T8 EM (CCG)



Product name	GTIN (EAN)			
LED TUBE CONVERSION KIT				
Conversion kit				
LED TUBE CONVERSION KIT 1 LAMP	4058118 280612		250	1
PRE-WIRED MICRO FUSE				
Micro fuse in bulk packaging for luminaire conversion				
PRE-WIRED MICRO FUSE 4 X 5	4058118 324415		50	2
LED TUBE T8 EM STARTER				
Starter for LED tubes T8 EM (CCG)				
LED TUBE T8 EM STARTER	4099854 067150	40	20	3

LED TUBE T8 EXTERNAL

LED TUBE T8 EXTERNAL for LED DRIVER EXTERNAL



PRODUCT FEATURES

- Designed to power only with LED DRIVER LED TUBE EXTERNAL DALI
- Lamp tube made of glass with splinter protection
- Quality dimming of 1...100 %
- High resistance to switching loads
- Suitable for ambient temperatures from -20...+50 °C

PRODUCT BENEFITS

- Simple upgrade to dimmable LED system
- Shatter protection thanks to special PET coating
- No bending thanks to glass tube
- 5 years guarantee

AREAS OF APPLICATION

- Industrial lighting (e.g. manufacturing plants, logistic centers, warehouses)
- Linear lighting for office, education, storage areas and retail
- Shops, supermarkets



Product name ³	GTIN (EAN)	W _Δ W	Icon	Icon	W	lm	lm/W	K	Icon	CRI	t _h ⁴	Icon ⁵	Icon
LED TUBE T8 EXTERNAL P 600 mm 7.3W 830	4099854 294426	18 W	G13	603	7.3	1000	136	3000	190	80	75000		25
LED TUBE T8 EXTERNAL P 600 mm 7.3W 840	4099854 294440	18 W	G13	603	7.3	1100	150	4000	190	80	75000		25
LED TUBE T8 EXTERNAL P 600 mm 7.3W 865	4099854 294464	18 W	G13	603	7.3	1100	150	6500	190	80	75000		25
LED TUBE T8 EXTERNAL P 1200 mm 15W 830	4099854 015281	36 W	G13	1213	15	2160	144	3000	190	80	50000		25
LED TUBE T8 EXTERNAL P 1200 mm 15W 840	4058075 730595	36 W	G13	1213	15	2400	160	4000	190	80	50000		25
LED TUBE T8 EXTERNAL P 1200 mm 15W 865	4058075 730618	36 W	G13	1213	15	2400	160	6500	190	80	50000		25
LED TUBE T8 EXTERNAL P 1500 mm 23W 830	4099854 015328	58 W	G13	1513	23	3350	145	3000	190	80	50000		25
LED TUBE T8 EXTERNAL P 1500 mm 23W 840	4058075 730557	58 W	G13	1513	23	3700	160	4000	190	80	50000		25
LED TUBE T8 EXTERNAL P 1500 mm 23W 865	4058075 730571	58 W	G13	1513	23	3700	160	6500	190	80	50000		25

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Designed to power with LEDVANCE LED DRIVER LED TUBE EXTERNAL DALI P | ² Refer to www.ledvance.com/guarantee for precise conditions |
³ Single sided LED TUBE (one-sided DC input) complying with safety requirement acc. IEC 62776:2014. Safety protection against electrical shock in misuse (ECG/CCG/Mains operation). | www.mortecnica.pt
⁴ Thermal resistance (R_{th}) | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED TUBE T5 EXTERNAL

LED TUBE T5 EXTERNAL for LED DRIVER EXTERNAL



PRODUCT FEATURES

- Designed to power only with LED DRIVER LED TUBE EXTERNAL DALI
- Lamp tube made of glass with splinter protection
- Quality dimming of 1...100 %
- High resistance to switching loads
- Suitable for ambient temperatures from -20...+50 °C

PRODUCT BENEFITS

- Simple upgrade to dimmable LED system
- Shatter protection thanks to special PET coating
- No bending thanks to glass tube
- 5 years guarantee

AREAS OF APPLICATION

- Industrial lighting (e.g. manufacturing plants, logistic centers, warehouses)
- Linear lighting for office, education, storage areas and retail
- Shops, supermarkets



Product name ³	GTIN (EAN)	W _{±W}	Base	L (mm)	W	lm	lm/W	K	°C	CRI	t _h ⁴	5	6
LED TUBE T5 EXTERNAL HE14 P 549 mm 7.3W 830	4099854 294082	14 W	G5	563	7.3	1000	136	3000	180	80	75000		25
LED TUBE T5 EXTERNAL HE14 P 549 mm 7.3W 840	4099854 294105	14 W	G5	563	7.3	1100	150	4000	180	80	75000		25
LED TUBE T5 EXTERNAL HE14 P 549 mm 7.3W 865	4099854 294129	14 W	G5	563	7.3	1100	150	6500	180	80	75000		25
LED TUBE T5 EXTERNAL H024 P 549 mm 10.5W 830	4099854 294228	24 W	G5	563	10.5	1450	138	3000	180	80	75000		25
LED TUBE T5 EXTERNAL H024 P 549 mm 10.5W 840	4099854 294242	24 W	G5	563	10.5	1600	152	4000	180	80	75000		25
LED TUBE T5 EXTERNAL H024 P 549 mm 10.5W 865	4099854 294266	24 W	G5	563	10.5	1600	152	6500	180	80	75000		25
LED TUBE T5 EXTERNAL HE21 P 849 mm 10.5W 830	4099854 294150	21 W	G5	863	10.5	1450	138	3000	180	80	75000		25
LED TUBE T5 EXTERNAL HE21 P 849 mm 10.5W 840	4099854 294181	21 W	G5	863	10.5	1600	152	4000	180	80	75000		25
LED TUBE T5 EXTERNAL HE21 P 849 mm 10.5W 865	4099854 294204	21 W	G5	863	10.5	1600	152	6500	180	80	75000		25
LED TUBE T5 EXTERNAL H039 P 849 mm 17W 830	4099854 294365	39 W	G5	863	17	2350	138	3000	180	80	75000		25
LED TUBE T5 EXTERNAL H039 P 849 mm 17W 840	4099854 294389	39 W	G5	863	17	2600	152	4000	180	80	75000		25
LED TUBE T5 EXTERNAL H039 P 849 mm 17W 865	4099854 294402	39 W	G5	863	17	2600	152	6500	180	80	75000		25
LED TUBE T5 EXTERNAL HE28 P 1149 mm 16W 830	4099854 294303	28 W	G5	1163	16	2160	135	3000	180	80	75000		25
LED TUBE T5 EXTERNAL HE28 P 1149 mm 16W 840	4099854 294327	28 W	G5	1163	16	2400	150	4000	180	80	75000		25
LED TUBE T5 EXTERNAL HE28 P 1149 mm 16W 865	4099854 294341	28 W	G5	1163	16	2400	150	6500	180	80	75000		25
LED TUBE T5 EXTERNAL HE35 P 1449 mm 18W 830	4099854 015151	35 W	G5	1463	18	2550	141	3000	180	80	50000		25
LED TUBE T5 EXTERNAL HE35 P 1449 mm 18W 840	4058075 730519	35 W	G5	1463	18	2800	155	4000	180	80	50000		25
LED TUBE T5 EXTERNAL HE35 P 1449 mm 18W 865	4058075 730533	35 W	G5	1463	18	2800	155	6500	180	80	50000		25
LED TUBE T5 EXTERNAL H049 P 1449 mm 26W 830	4099854 015175	49 W	G5	1463	26	3600	138	3000	180	80	50000		25
LED TUBE T5 EXTERNAL H049 P 1449 mm 26W 840	4058075 730434	49 W	G5	1463	26	4000	153	4000	180	80	50000		25
LED TUBE T5 EXTERNAL H049 P 1449 mm 26W 865	4058075 730458	49 W	G5	1463	26	4000	153	6500	180	80	50000		25
LED TUBE T5 EXTERNAL H054 P 1149 mm 26W 830	4099854 015199	54 W	G5	1163	26	3600	138	3000	180	80	50000		25
LED TUBE T5 EXTERNAL H054 P 1149 mm 26W 840	4058075 730472	54 W	G5	1163	26	4000	153	4000	180	80	50000		25
LED TUBE T5 EXTERNAL H054 P 1149 mm 26W 865	4058075 730496	54 W	G5	1163	26	4000	153	6500	180	80	50000		25
LED TUBE T5 EXTERNAL H080 P 1449 mm 37W 830	4099854 015267	80 W	G5	1463	37	5050	136	3000	180	80	50000		25
LED TUBE T5 EXTERNAL H080 P 1449 mm 37W 840	4058075 730410	80 W	G5	1463	37	5600	151	4000	180	80	50000		25
LED TUBE T5 EXTERNAL H080 P 1449 mm 37W 865	4058075 730397	80 W	G5	1463	37	5600	151	6500	180	80	50000		25

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Designed to power with LEDVANCE LED DRIVER LED TUBE EXTERNAL DALI P | ² Refer to www.ledvance.com/guarantee for precise conditions |
³ Single sided LED TUBE (one-sided DC input) complying with safety requirement acc. IEC 62776:2014. Safety protection against electrical shock in misuse (ECG/CCG/Mains operation). | www.mortecnicap.it
⁴ Thermal resistance (R_{th}) in °C/W | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED DRIVER LED TUBE EXTERNAL DALI

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



PRODUCT FEATURES

- Flexibility due to adjustable output currents via dip switch
- Quality dimming of 1...100 %
- Safety extra-low voltage (SELV) driver
- Lifetime 100,000 h (for $T_c = 65^\circ\text{C}$)
- ENEC-certified safety
- High resistance to switching loads

PRODUCT BENEFITS

- Multiwatt LED driver for LED TUBE EXTERNAL T5 and T8
- DALI 2.0 interface for dimming and sensor operations
- Push DIM application for easy control
- 5 years guarantee

AREAS OF APPLICATION

- Suitable for luminaires of protection class I
- General illumination within ambient temperatures from $-20\ldots+50^\circ\text{C}$
- Linear lighting for office, education, storage areas and retail
- Industrial lighting (e.g. manufacturing plants, logistic centers, warehouses)
- Shops, supermarkets



Product name	GTIN (EAN)	W	Hz	W	t_{in}^2	T_a	T_c	PROTECTION CLASS	L x W x H [mm] Ø x H [mm]
DR EXTERNAL DALI -1X7-37W 220-240	4099854 295157	46.00	0/50/60	1...100	100000	$-20\ldots+50$	80	I	284 x 31 x 21
DR EXTERNAL DALI -2X7-26W 220-240	4099854 295171	65.00	0/50/60	1...100	100000	$-20\ldots+50$	80	I	360 x 31 x 21

LED T5 FC EXTERNAL

LED T5 FC EXTERNAL for LED DRIVER DALI



PRODUCT FEATURES

- Designed to power with LED DRIVER DALI PERFORMANCE
- Single-ended round LED lamp
- Suitable illumination within ambient temperatures from -20...+45 °C
- Lifetime (L70/B50) up to 50,000 h (at 25 °C)
- LED replacement for traditional T5 fluorescent circular lamps

PRODUCT BENEFITS

- Compatible with LED driver DR DALI-P -30/220-240/700 and DR DALI-P -42/220-240/1A0 (4058075845367, 4058075845381)
- Simple upgrade to dimmable LED system
- Hassle free application, no ballast compatibility check necessary
- 5 years guarantee

AREAS OF APPLICATION

- Shops, hotels and restaurants
- Public buildings



Product name	GTIN (EAN)	W	W	mm	W	lm	lm/W	K	°	CRI	t _h ²	h ³	
LED T5 FC 22 EXTERNAL P 11.6W 830 2GX13	4099854300806	22 W	2GX13	225	11.6	1550	133	3000	120	80	50000	10	
LED T5 FC 22 EXTERNAL P 11.6W 840 2GX13	4099854300820	22 W	2GX13	225	11.6	1700	146	4000	120	80	50000	10	
LED T5 FC 22 EXTERNAL P 11.6W 865 2GX13	4099854300844	22 W	2GX13	225	11.6	1700	146	6500	120	80	50000	10	
LED T5 FC 40/55 EXTERNAL P 21.5W 830 2GX13	4099854300868	40/55 W	2GX13	300	21.5	2900	134	3000	120	80	50000	10	
LED T5 FC 40/55 EXTERNAL P 21.5W 840 2GX13	4099854300882	40/55 W	2GX13	300	21.5	3200	148	4000	120	80	50000	10	
LED T5 FC 40/55 EXTERNAL P 21.5W 865 2GX13	4099854300905	40/55 W	2GX13	300	21.5	3200	148	6500	120	80	50000	10	

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

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

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DULUX LED L EXTERNAL PERFORMANCE

DULUX LED L EXTERNAL for LED DRIVER DALI



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps 2G11 base
- Conventional form factor fits into existing luminaires
- Long lifetime up to 50,000 h
- Compatible with LED driver DR DALI-P -30/220-240/700 (4058075845367)
- Quality dimming of 1...100 %

PRODUCT BENEFITS

- Simple and quick upgrade to dimmable LED system
- Hassle free application, no ballast compatibility check necessary
- Easy installation with fast connection

AREAS OF APPLICATION

- Shops, hotels and restaurants
- Public buildings



Product name	GTIN (EAN)	W	W	W	lm	K	CRI	I (mm)	d (mm)	Light bulb	t _h ³	Energy efficiency ⁴	LEDVANCE ²
NEW DULUX LED L18 EXTERNAL PERFORMANCE 8W 830 2G11	4099854495458	18 W	2G11	8	1000	3000	80	230	44	Frosted	50000	A	10
NEW DULUX LED L18 EXTERNAL PERFORMANCE 8W 840 2G11	4099854495472	18 W	2G11	8	1050	4000	80	230	44	Frosted	50000	A	10
NEW DULUX LED L24 EXTERNAL PERFORMANCE 12W 830 2G11	4099854495496	24 W	2G11	12	1400	3000	80	325	44	Frosted	50000	A	10
NEW DULUX LED L24 EXTERNAL PERFORMANCE 12W 840 2G11	4099854495519	24 W	2G11	12	1500	4000	80	325	44	Frosted	50000	A	10
NEW DULUX LED L36 EXTERNAL PERFORMANCE 17W 830 2G11	4099854495533	36 W	2G11	17	2100	3000	80	417	44	Frosted	50000	A	10
NEW DULUX LED L36 EXTERNAL PERFORMANCE 17W 840 2G11	4099854495557	36 W	2G11	17	2300	4000	80	417	44	Frosted	50000	A	10
NEW DULUX LED L55 EXTERNAL PERFORMANCE 24W 830 2G11	4099854495571	55 W	2G11	24	3050	3000	80	537	44	Frosted	50000	A	10
NEW DULUX LED L55 EXTERNAL PERFORMANCE 24W 840 2G11	4099854495595	55 W	2G11	24	3300	4000	80	537	44	Frosted	50000	A	10

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Designed to power with LEDVANCE LED DRIVER | 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)

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LED TUBE T9 EM VALUE

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)
- 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)	W _{LED}	Beam angle	Length (mm)	W	lm	lm/W	K	Beam spread	CRI	t ₉₀ ²	Energy efficiency class (EEC) ³	Warranty
LED TUBE T9 C 22 EM V 11W 830 G10Q	4099854042447	22 W	G10q	212	11	1200	109	3000	110	80	30000	IE	10
LED TUBE T9 C 22 EM V 11W 840 G10Q	4099854042461	22 W	G10q	212	11	1320	120	4000	110	80	30000	IE	10
LED TUBE T9 C 22 EM V 11W 865 G10Q	4099854042485	22 W	G10q	212	11	1320	120	6500	110	80	30000	IE	10
LED TUBE T9 C 32 EM V 18.3W 830 G10Q	4099854042508	32 W	G10q	300	18.3	2000	109	3000	110	80	30000	IE	10
LED TUBE T9 C 32 EM VALUE 18.3W 840 G10Q	4099854042522	32 W	G10q	300	18.3	2200	120	4000	110	80	30000	IE	10
LED TUBE T9 C 32 EM V 18.3W 865 G10Q	4099854042546	32 W	G10q	300	18.3	2200	120	6500	110	80	30000	IE	10
LED TUBE T9 C 40 EM V 24W 840 G10Q	4099854042560	40 W	G10q	400	24	2900	120	4000	110	80	30000	IE	10
LED TUBE T9 C 40 EM V 24W 865 G10Q	4099854042584	40 W	G10q	400	24	2900	120	6500	110	80	30000	IE	10

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

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

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HQL LED FILAMENT PERFORMANCE

LED replacement for HQL lamps in demanding outdoor applications



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
- Very high efficiency of 185 lm/W
- Power factor: 0.9
- Type of protection: IP65
- ENEC-certified safety

PRODUCT BENEFITS

- Same design as traditional HQL lamps with frosted, ellipsoid full glass bulb
- Saves up to 82 % energy when used as replacement for mercury vapor lamps (HQL)
- Full use of reflector of existing luminaire thanks to 360 degree beam angle
- Very light weight product
- 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)											
HQL LED FILAMENT PERFORMANCE 1800LM 9.7W 827 E27	4099854 469909	50 W	E27	9.7	1800	2700	80	186	75	Frosted	60000	 6
HQL LED FILAMENT PERFORMANCE 2000LM 10.8W 840 E27	4099854 469923	50 W	E27	10.8	2000	4000	80	186	75	Frosted	60000	 6
HQL LED FILAMENT PERFORMANCE 2700LM 14.5W 827 E27	4099854 469947	80 W	E27	14.5	2700	2700	80	186	75	Frosted	60000	 6
HQL LED FILAMENT PERFORMANCE 3000LM 16.2W 840 E27	4099854 469961	80 W	E27	16.2	3000	4000	80	186	75	Frosted	60000	 6
HQL LED FILAMENT PERFORMANCE 3600LM 19.4W 827 E27	4099854 469985	80 W	E27	19.4	3600	2700	80	226	90	Frosted	60000	 6
HQL LED FILAMENT PERFORMANCE 4000LM 21.6W 840 E27	4099854 470004	80 W	E27	21.6	4000	4000	80	226	90	Frosted	60000	 6
HQL LED FILAMENT PERFORMANCE 5400LM 29.1W 827 E27	4099854 470028	125 W	E27	29.1	5400	2700	80	226	90	Frosted	60000	 6
HQL LED FILAMENT PERFORMANCE 6000LM 32.4W 840 E27	4099854 470042	125 W	E27	32.4	6000	4000	80	226	90	Frosted	60000	 6
HQL LED FILAMENT PERFORMANCE 5400LM 29.1W 827 E40	4099854 470066	125 W	E40	29.1	5400	2700	80	214	90	Frosted	60000	 6
HQL LED FILAMENT PERFORMANCE 6000LM 32.4W 840 E40	4099854 470080	125 W	E40	32.4	6000	4000	80	214	90	Frosted	60000	 6

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

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

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HQL LED ALU PERFORMANCE

LED replacement for HQL lamps in demanding outdoor applications



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)
- ENEC-certified safety

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

PERFORMANCE CLASS



Product name	GTIN (EAN)	W Δ W			W	lm	lm/W	K		CRI	t ₉₀ ²		
HQL LED P 1800LM 14.5W 827 E27	4099854040603	50 W	E27	138	14.5	1800	124	2700	360	80	60000		6
HQL LED P 2000LM 14.5W 840 E27	4099854040627	50 W	E27	138	14.5	2000	137	4000	360	80	60000		6
HQL LED P 2700LM 21.5W 827 E27	4099854040641	80 W	E27	145	21.5	2700	125	2700	360	80	60000		6
HQL LED P 3000LM 21.5W 840 E27	4099854040665	80 W	E27	145	21.5	3000	139	4000	360	80	60000		6
HQL LED P 3600LM 29W 827 E27	4099854040689	80 W	E27	172	29	3600	124	2700	360	80	60000		6
HQL LED P 4000LM 29W 840 E27	4099854040702	80 W	E27	172	29	4000	137	4000	360	80	60000		6
HQL LED P 5400LM 41W 827 E27	4099854040726	125 W	E27	195	41	5400	131	2700	360	80	60000		6
HQL LED P 6000LM 41W 840 E27	4099854040740	125 W	E27	195	41	6000	146	4000	360	80	60000		6
HQL LED P 5400LM 41W 827 E40	4099854040764	125 W	E40	202	41	5400	131	2700	360	80	60000		6
HQL LED P 6000LM 41W 840 E40	4099854040788	125 W	E40	202	41	6000	146	4000	360	80	60000		6
HQL LED P 11700LM 90W 827 E40	4099854040801	250 W	E40	270	90	11700	130	2700	360	80	60000		6
HQL LED P 13000LM 90W 840 E40	4099854040825	250 W	E40	270	90	13000	144	4000	360	80	60000		6

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

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

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HQL LED ALU PERFORMANCE ACCESSORIES

Accessories for HQL LED lamps



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)			
HQL LED ALU PERFORMANCE ACCESSORIES 2000LM LAMP SHA-DE ¹	4099854 040849	90	56	6
HQL LED ALU PERFORMANCE ACCESSORIES 3000LM LAMP SHA-DE ²	4099854 040863	96	64	6
HQL LED ALU PERFORMANCE ACCESSORIES 4000LM LAMP SHA-DE ³	4099854 040887	125	64	6

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Optional accessory for the following HQL LED lamps: HQL LED 1800 14,5W 4099854040603 and HQL LED 2000 14,5W 4099854040627 | ² Optional accessory for the following HQL LED lamps: HQL LED 2700 21,5W 4099854040641 and HQL LED 3000 21,5W 4099854040665 | ³ Optional accessory for the following HQL LED lamps: HQL LED 2700 21,5W 4099854040689 and HQL LED 4000 29W 4099854040702

HQL LED FILAMENT VALUE

LED replacement for HQL lamps in design-oriented outdoor applications



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
- Surge protection: up to 2 kV (L-N)
- ENEC-certified safety

PRODUCT BENEFITS

- Same design as traditional HQL lamps with frosted, ellipsoid full glass bulb
- Full use of reflector of existing luminaire thanks to 360 degree beam angle
- Saves up to 78 % energy when used as replacement for mercury vapor lamps (HQL)
- 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)												
HQL LED FILAMENT VALUE 1800LM 13W 827 E27	4099854071737	50 W	E27	151	13	1800	138	2700	360	80	25000		6
HQL LED FILAMENT VALUE 2000LM 13W 840 E27	4099854071751	50 W	E27	151	13	2000	153	4000	360	80	25000		6
HQL LED FILAMENT VALUE 2700LM 20W 827 E27	4099854071775	80 W	E27	151	20	2700	135	2700	360	80	25000		6
HQL LED FILAMENT VALUE 3000LM 20W 840 E27	4099854071799	80 W	E27	151	20	3000	150	4000	360	80	25000		6
HQL LED FILAMENT VALUE 3600LM 24W 827 E27	4099854071812	80 W	E27	217	24	3600	150	2700	360	80	25000		6
HQL LED FILAMENT VALUE 4000LM 24W 840 E27	4099854071836	80 W	E27	217	24	4000	166	4000	360	80	25000		6
HQL LED FILAMENT VALUE 5400LM 38W 827 E27	4099854071850	125 W	E27	217	38	5400	142	2700	360	80	25000		6
HQL LED FILAMENT VALUE 6000LM 38W 840 E27	4099854071874	125 W	E27	217	38	6000	157	4000	360	80	25000		6
HQL LED FILAMENT VALUE 5400LM 38W 827 E40	4099854071898	125 W	E40	202	38	5400	142	2700	360	80	25000		6
HQL LED FILAMENT VALUE 6000LM 38W 840 E40	4099854071911	125 W	E40	202	38	6000	157	4000	360	80	25000		6
HQL LED FILAMENT VALUE 8100LM 60W 827 E40	4099854071935	250 W	E40	260	60	8100	135	2700	360	80	25000		6
HQL LED FILAMENT VALUE 9000LM 60W 840 E40	4099854071959	250 W	E40	260	60	9000	150	4000	360	80	25000		6

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

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

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NAV LED FILAMENT PERFORMANCE

LED replacement for NAV lamps in demanding outdoor applications



PRODUCT FEATURES

- Suitable for operation with conventional control gear (CCG) for NAV or 230 V mains
- Very high efficiency of 185 lm/W
- Power factor: 0.9
- Type of protection: IP65
- High surge protection: up to 4 kV (L-N)
- Very wide ambient temperature range of -20...+60 °C
- ENEC-certified safety

PRODUCT BENEFITS

- Same design as traditional NAV lamps with clear, tubular full glass bulb
- Saves up to 62 % energy when used as replacement for sodium vapour lamps (NAV)
- Full use of reflector of existing luminaire thanks to 360 degree beam angle
- Very light weight product
- 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	lm	lm/W	K	°	CRI	t _h	°	°	°
NEW NAV 50 LED FILAMENT PERFORMANCE 3600LM 19.4W 727 E27	4099854469732	50 W	E27	227	19.4	3600	185	2700	360	70	60000	6
NEW NAV 50 LED FILAMENT PERFORMANCE 4000LM 21W 740 E27	4099854469756	50 W	E27	227	21	4000	190	4000	360	70	60000	6
NEW NAV 70 LED FILAMENT PERFORMANCE 5400LM 29.1W 727 E27	4099854469770	70 W	E27	227	29.1	5400	185	2700	360	70	60000	6
NEW NAV 70 LED FILAMENT PERFORMANCE 6000LM 30.7W 740 E27	4099854469794	70 W	E27	227	30.7	6000	195	4000	360	70	60000	6

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

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

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NAV LED FILAMENT VALUE

LED replacement for NAV lamps in design-oriented outdoor applications



PRODUCT FEATURES

- Suitable for operation with conventional control gear (CCG) or 230 V AC mains
- Extremely high efficiency of 210 lm/W
- Power factor: 0.9
- Type of protection: IP65
- Surge protection: up to 2 kV (L-N)
- ENEC-certified safety

PRODUCT BENEFITS

- Same design as traditional NAV lamps with clear, tubular full glass bulb
- Full use of reflector of existing luminaire thanks to 360 degree beam angle
- Saves up to 78 % energy when used as replacement for sodium vapor lamps (NAV)
- Instant 100 % light, no warm-up time
- Similar light distribution as traditional NAV lamps

AREAS OF APPLICATION

- Streets
- Area lighting
- Pedestrian zones
- Parks
- Outdoor applications only in suitable luminaires



Product name	GTIN (EAN)	W	W	mm	W	lm	lm/W	K	°	CRI	t _h	°	°	°
NAV 50 LED FILAMENT VALUE 3600LM 21W 727 E27	4099854071973	50 W	E27	170	21	3600	171	2700	360	70	25000	6	6	6
NAV 50 LED FILAMENT VALUE 4000LM 21W 740 E27	4099854071997	50 W	E27	170	21	4000	190	4000	360	70	25000	6	6	6
NAV 70 LED FILAMENT VALUE 5400LM 35W 727 E27	4099854072017	70 W	E27	210	35	5400	154	2700	360	70	25000	6	6	6
NAV 70 LED FILAMENT VALUE 6000LM 35W 740 E27	4099854072031	70 W	E27	210	35	6000	171	4000	360	70	25000	6	6	6
NAV 100 LED FILAMENT VALUE 7000LM 41W 727 E40	4099854072055	100 W	E40	225	41	7000	170	2700	360	70	25000	6	6	6
NAV 100 LED FILAMENT VALUE 7500LM 41W 740 E40	4099854072079	100 W	E40	225	41	7500	182	4000	360	70	25000	6	6	6

NAV LED FILAMENT AMBER VALUE

LED replacement for NAV lamps in design-oriented outdoor applications with reduced percentage of blue light



PRODUCT FEATURES

- Less than 1,5 % of blue light (< 500 nm)
- Very warm light color of 1800 K similar to traditional sodium vapor lamps (NAV)
- Suitable for operation with conventional control gear (CCG) or 230 V AC mains
- Power factor: 0.9
- Type of protection: IP65
- Surge protection: up to 2 kV (L-N)
- ENEC-certified safety

PRODUCT BENEFITS

- Support wildlife protection thanks to very low percentage of blue light
- Support reduction of circadian disruption and improve the residents' life quality
- Better color rendering and enhanced visibility compared to traditional sodium vapor lamps (NAV)
- Same design as traditional NAV lamps with clear, tubular full glass bulb

AREAS OF APPLICATION

- Street and outdoor lighting
- Areas close to nature
- Residential areas
- Parks
- Historic buildings and districts
- Outdoor applications only in suitable luminaires



Product name	GTIN (EAN)	W	W	mm	W	lm	lm/W	K	°	CRI	t _h ²	
NAV 50 LED FILAMENT AMBER VALUE 1600LM 15W 718 E27	4058075843585	50 W	E27	170	15	1600	106	1800	360	70	25000	6
NAV 70 LED FILAMENT AMBER VALUE 2500LM 23W 718 E27	4058075843608	70 W	E27	210	23	2500	108	1800	360	70	25000	6
NAV 100 LED FILAMENT AMBER VALUE 3200LM 30W 718 E40	4058075843622	100 W	E40	225	30	3200	106	1800	360	70	25000	6

HID LED HIGHBAY UNIVERSAL PERFORMANCE

LED replacement for HID lamps for high-bay luminaires



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
- Instant 100 % light, no warm-up time

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 _Δ W	W	l [mm]	W	lm	lm/W	K	Ø d [mm]	Δ°	CRI	t _h [h] ²	Energy efficiency class (EEC) ³	RoHS
HID LED HIGHBAY UNIVERSAL PERFORMANCE 14000 LM 105W 840 E40	4058075780385	250 W	E40	263	105	14000	133	4000	250	100	80	50000	E	4
HID LED HIGHBAY UNIVERSAL PERFORMANCE 21000 LM 150W 840 E40	4058075780408	400 W	E40	263	150	21000	140	4000	250	100	80	50000	D	4
HID LED HIGHBAY UNIVERSAL PERFORMANCE 25000 LM 160W 840 E40	4058075780422	400 W	E40	263	160	25000	156	4000	250	100	80	50000	D	4

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

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

www.nortecnica.pt

DULUX LED D EM & AC MAINS VALUE

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
- Lifetime up to 30,000 h
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)
- Single-ended two-pin plug-in G24d base
- Type of protection: IP20
- Mercury-free lamps

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20...+45^\circ\text{C}$
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

VALUE
CLASS



CCG

230V
AC

IP20

LEDVANCE
3 year
guarantee

Product name	GTIN (EAN)	W	W	mm	W	lm	lm/W	K	°	CRI	t _h ²	h	h
DULUX LED D10 EM & AC MAINS VALUE 5W 830 G24D-1	4058075823051	10 W	G24d-1	110	5	540	108	3000	120	80	30000	h	10
DULUX LED D10 EM & AC MAINS VALUE 5W 840 G24D-1	4058075823075	10 W	G24d-1	110	5	600	120	4000	120	80	30000	h	10
DULUX LED D13 EM & AC MAINS VALUE 6W 830 G24D-1	4058075823099	13 W	G24d-1	138	6	600	100	3000	120	80	30000	h	10
DULUX LED D13 EM & AC MAINS VALUE 6W 840 G24D-1	4058075823112	13 W	G24d-1	138	6	660	110	4000	120	80	30000	h	10
NEW DULUX LED D13 EM & AC MAINS VALUE 6W 865 G24D-1	4099854502217	13 W	G24d-1	138	6	660	110	6500	120	80	30000	h	10
DULUX LED D18 EM & AC MAINS VALUE 7W 830 G24D-2	4058075823136	18 W	G24d-2	148	7	700	100	3000	120	80	30000	h	10
DULUX LED D18 EM & AC MAINS VALUE 7W 840 G24D-2	4058075823150	18 W	G24d-2	148	7	770	110	4000	120	80	30000	h	10
NEW DULUX LED D18 EM & AC MAINS VALUE 7W 865 G24D-2	4099854502255	18 W	G24d-2	148	7	770	110	6500	120	80	30000	h	10
DULUX LED D26 EM & AC MAINS VALUE 9W 830 G24D-3	4058075823174	26 W	G24d-3	171	9	990	110	3000	120	80	30000	h	10
DULUX LED D26 EM & AC MAINS VALUE 9W 840 G24D-3	4058075823198	26 W	G24d-3	171	9	1100	122	4000	120	80	30000	h	10
NEW DULUX LED D26 EM & AC MAINS VALUE 9W 865 G24D-3	4099854502316	26 W	G24d-3	171	9	1100	122	6500	120	80	30000	h	10

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

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

www.nortecnica.pt

DULUX LED D VT EM & AC MAINS VALUE

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
- Only suitable for vertical application
- Lifetime up to 30,000 h
- Single-ended two-pin plug-in G24d base
- Type of protection: IP20
- Mercury-free lamps

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45 °C
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants



Product name	GTIN (EAN)	W	W	Im	W	Im	Im/W	K	°	CRI	t ₉₀ ²	h ₉₀ ³	
DULUX LED D13 VT EM & AC MAINS VALUE 5.5W 830 G24D	4058075821811	13 W	G24d	110	5.5	640	116	3000	300	80	30000	h ₉₀	10
DULUX LED D13 VT EM & AC MAINS VALUE 5.5W 840 G24D	4058075821835	13 W	G24d	110	5.5	700	127	4000	300	80	30000	h ₉₀	10
NEW DULUX LED D13 VT EM & AC MAINS VALUE 5.5W 865 G24D	4099854502774	13 W	G24d	110	5.5	700	127	6500	300	80	30000	h ₉₀	10
DULUX LED D18 VT EM & AC MAINS VALUE 7.5W 830 G24D	4058075821859	18 W	G24d	124	7.5	870	116	3000	300	80	30000	h ₉₀	10
DULUX LED D18 VT EM & AC MAINS VALUE 7.5W 840 G24D	4058075821873	18 W	G24d	124	7.5	950	126	4000	300	80	30000	h ₉₀	10
NEW DULUX LED D18 VT EM & AC MAINS VALUE 7.5W 865 G24D	4099854502798	18 W	G24d	124	7.5	950	126	6500	300	80	30000	h ₉₀	10
DULUX LED D26 VT EM & AC MAINS VALUE 9.5W 830 G24D	4058075821897	26 W	G24d	132	9.5	1080	113	3000	300	80	30000	h ₉₀	10
DULUX LED D26 VT EM & AC MAINS VALUE 9.5W 840 G24D	4058075821910	26 W	G24d	132	9.5	1200	126	4000	300	80	30000	h ₉₀	10
NEW DULUX LED D26 VT EM & AC MAINS VALUE 9.5W 865 G24D	4099854502811	26 W	G24d	132	9.5	1200	126	6500	300	80	30000	h ₉₀	10

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

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

www.nortecnica.pt

DULUX LED D/E HF & AC MAINS VALUE

LED replacement for CFLni, with 4-pin G24q base for ECG and AC mains operation



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in ECG luminaires or on AC mains
- Lifetime up to 30,000 h
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)
- Single-ended four-pin plug-in G24q base
- Type of protection: IP20
- Mercury-free lamps

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20...+45^\circ\text{C}$
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants

VALUE CLASS



Product name	GTIN (EAN)	W	W	mm	W	lm	lm/W	K	°	CRI	t _h	h	h
DULUX LED D/E13 HF & AC MAINS V 6W 830 G24Q-1	4058075821934	13 W	G24q-1	130	6	600	100	3000	120	80	30000	10	10
DULUX LED D/E13 HF & AC MAINS V 6W 840 G24Q-1	4058075821958	13 W	G24q-1	130	6	660	110	4000	120	80	30000	10	10
NEW DULUX LED D/E13 HF & AC MAINS V 6W 865 G24Q-1	4099854501593	13 W	G24q-1	130	6	660	110	6500	120	80	30000	10	10
DULUX LED D/E18 HF & AC MAINS V 7W 830 G24Q-2	4058075821972	18 W	G24q-2	141	7	700	100	3000	120	80	30000	10	10
DULUX LED D/E18 HF & AC MAINS VALUE 7W 840 G24Q-2	4058075821996	18 W	G24q-2	141	7	770	110	4000	120	80	30000	10	10
NEW DULUX LED D/E18 HF & AC MAINS V 7W 865 G24Q-2	4099854501616	18 W	G24q-2	141	7	770	110	6500	120	80	30000	10	10
DULUX LED D/E26 HF & AC MAINS V 10W 830 G24Q-3	4058075822016	26 W	G24q-3	163	10	990	99	3000	120	80	30000	10	10
DULUX LED D/E26 HF & AC MAINS V 10W 840 G24Q-3	4058075822030	26 W	G24q-3	163	10	1100	110	4000	120	80	30000	10	10
NEW DULUX LED D/E26 HF & AC MAINS V 10W 865 G24Q-3	4099854501630	26 W	G24q-3	163	10	1100	110	6500	120	80	30000	10	10



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check ECG compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale from A (highest efficiency) to G (lowest efficiency)

DULUX LED S EM & AC MAINS VALUE

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
- Lifetime up to 30,000 h
- Single-ended two-pin plug-in G23 base
- Type of protection: IP20
- Mercury-free lamps

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45 °C
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants



Product name	GTIN (EAN)	W	W	l [mm]	W	lm	lm/W	K	°	CRI	t _h ²	°	°	°
DULUX LED S7 EM & AC MAINS VALUE 3.5W 830 G23	4058075822931	7 W	G23	135	3.5	360	102	3000	130	80	30000	A	10	
DULUX LED S7 EM & AC MAINS VALUE 3.5W 840 G23	4058075822955	7 W	G23	135	3.5	400	114	4000	130	80	30000	A	10	
DULUX LED S9 EM & AC MAINS VALUE 4W 830 G23	4058075822979	9 W	G23	165	4	500	125	3000	130	80	30000	A	10	
DULUX LED S9 EM & AC MAINS VALUE 4W 840 G23	4058075822993	9 W	G23	165	4	550	137	4000	130	80	30000	A	10	
NEW DULUX LED S9 EM & AC MAINS VALUE 4W 865 G23	4099854502354	9 W	G23	165	4	550	137	6500	120	80	30000	A	10	
DULUX LED S11 EM & AC MAINS VALUE 6W 830 G23	4058075823013	11 W	G23	220	6	630	105	3000	130	80	30000	A	10	
DULUX LED S11 EM & AC MAINS VALUE 6W 840 G23	4058075823037	11 W	G23	220	6	700	116	4000	130	80	30000	A	10	
NEW DULUX LED S11 EM & AC MAINS VALUE 6W 865 G23	4099854502378	11 W	G23	220	6	700	116	6500	120	80	30000	A	10	

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

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

www.nortecnica.pt

DULUX LED S/E AC MAINS VALUE

LED replacement for CFLni with 4-pin 2G7 base for AC mains operation



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use on AC mains
- Lifetime up to 30,000 h
- Single-ended four-pin plug-in 2G7 base
- Type of protection: IP20
- Mercury-free lamps

PRODUCT BENEFITS

- Operation directly on 230 V AC mains
- Not suitable for operation with conventional control gear (CCG)
- Not suitable for operation with electronic control gear (ECG)
- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45 °C
- Offices, public buildings
- Shops
- Hotels, restaurants
- Walkways and corridors



Product name ²	GTIN (EAN)	Watt	Base	Length	W	lm	lm/W	K	Beam angle	CRI	t _h ³	Energy efficiency class ⁴	RoHS
NEW DULUX LED S/E9 AC MAINS VALUE 4W 840 2G7	4099854669712	9 W	2G7	150	4	550	137	4000	130	80	30000		10
NEW DULUX LED S/E9 AC MAINS VALUE 4W 865 2G7	4099854669736	9 W	2G7	150	4	550	137	6500	130	80	30000		10
NEW DULUX LED S/E11 AC MAINS VALUE 6W 830 2G7	4099854669750	11 W	2G7	220	6	700	116	3000	130	80	30000		10
NEW DULUX LED S/E11 AC MAINS VALUE 6W 840 2G7	4099854669774	11 W	2G7	220	6	770	128	4000	130	80	30000		10
NEW DULUX LED S/E11 AC MAINS VALUE 6W 865 2G7	4099854669798	11 W	2G7	220	6	770	128	6500	130	80	30000		10
NEW DULUX LED S/E7 AC MAINS VALUE 3.5W 830 2G7	4099854669811	7 W	2G7	120	3.5	360	102	3000	130	80	30000		10
NEW DULUX LED S/E7 AC MAINS VALUE 3.5W 840 2G7	4099854669835	7 W	2G7	120	3.5	400	114	4000	130	80	30000		10
NEW DULUX LED S/E7 AC MAINS VALUE 3.5W 865 2G7	4099854669859	7 W	2G7	120	3.5	400	114	6500	130	80	30000		10
NEW DULUX LED S/E9 AC MAINS VALUE 4W 830 2G7	4099854669873	9 W	2G7	150	4	500	125	3000	130	80	30000		10

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² Available from December 2025 | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency) | www.mortecnica.pt

DULUX LED L HF & AC MAINS VALUE

LED replacement for CFLni with 4-pin 2G11 base for ECG and AC mains operation



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in ECG luminaires or on AC mains
- Lifetime up to 30,000 h
- Single-ended four-pin plug-in 2G11 base
- Type of protection: IP20
- Mercury-free lamps

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Not suitable for operation with conventional control gear
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45 °C
- Offices, public buildings
- Shops
- Hotels, restaurants
- Industry



Product name	GTIN (EAN)	W	W	l (mm)	W	lm	lm/W	K	°C	CRI	t _h ³	lm ₈₀ ⁴	lm ₉₀
DULUX LED L18 HF & AC MAINS V 8W 840 2G11	4058075822078	18 W	2G11	230	8	1000	125	4000	140	80	30000	8	10
NEW DULUX LED L18 HF & AC MAINS V 8W 865 2G11	4099854501654	18 W	2G11	230	8	1000	125	6500	140	80	30000	8	10
DULUX LED L24 HF & AC MAINS V 12W 830 2G11	4058075822092	24 W	2G11	325	12	1350	112	3000	140	80	30000	8	10
DULUX LED L24 HF & AC MAINS V 12W 840 2G11	4058075822115	24 W	2G11	325	12	1500	125	4000	140	80	30000	8	10
NEW DULUX LED L24 HF & AC MAINS V 12W 865 2G11	4099854501678	24 W	2G11	325	12	1500	125	6500	140	80	30000	8	10
DULUX LED L36 HF & AC MAINS V 18W 830 2G11	4058075822139	36 W	2G11	417	18	2070	115	3000	140	80	30000	8	10
DULUX LED L36 HF & AC MAINS V 18W 840 2G11	4058075822153	36 W	2G11	417	18	2300	127	4000	140	80	30000	8	10
NEW DULUX LED L36 HF & AC MAINS V 18W 865 2G11	4099854501692	36 W	2G11	417	18	2300	127	6500	140	80	30000	8	10
DULUX LED L55 HF & AC MAINS V 25W 830 2G11	4058075822177	55 W	2G11	537	25	2950	118	3000	140	80	30000	8	10
DULUX LED L55 HF & AC MAINS V 25W 840 2G11	4058075822191	55 W	2G11	537	25	3250	130	4000	140	80	30000	8	10
NEW DULUX LED L55 HF & AC MAINS V 25W 865 2G11	4099854501715	55 W	2G11	537	25	3250	130	6500	140	80	30000	8	10



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check ECG compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale from A (highest efficiency) to G (lowest efficiency)

DULUX LED F EM & AC MAINS VALUE

LED replacement for flat CFLni with 4-pin 2G10 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
- Lifetime up to 30,000 h
- Single-ended four-pin plug-in 2G10 base
- Type of protection: IP20
- Mercury-free lamps

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Not suitable for operation with electronic control gear
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45 °C
- Offices
- Walkways and corridors
- Hotels, restaurants



Product name	GTIN (EAN)	W	2G10	l (mm)	W	lm	lm/W	K	°	CRI	t _h ²	LM79 ³	10
DULUX LED F18 EM & AC MAINS V 8W 830 2G10	4058075822412	18 W	2G10	128	8	900	112	3000	130	80	30000	10	10
DULUX LED F18 EM & AC MAINS V 8W 840 2G10	4058075822436	18 W	2G10	128	8	1000	125	4000	130	80	30000	10	10
DULUX LED F24 EM & AC MAINS V 12W 830 2G10	4058075822450	24 W	2G10	170	12	1350	112	3000	130	80	30000	10	10
DULUX LED F24 EM & AC MAINS V 12W 840 2G10	4058075822474	24 W	2G10	170	12	1500	125	4000	130	80	30000	10	10
DULUX LED F36 EM & AC MAINS V 20W 830 2G10	4058075822498	36 W	2G10	222	20	2250	112	3000	130	80	30000	10	10
DULUX LED F36 EM & AC MAINS VALUE 20W 840 2G10	4058075822511	36 W	2G10	222	20	2500	125	4000	130	80	30000	10	10

DULUX LED T EM & AC MAINS VALUE

LED replacement for CFLni with 2-pin GX24d 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
- Lifetime up to 30,000 h
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)
- Single-ended two-pin plug-in GX24d base
- Type of protection: IP20
- Mercury-free lamps

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20...+45^\circ\text{C}$
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants



Product name	GTIN (EAN)	W _{LED}			W	lm	lm/W	K		CRI	t _h ²		
DULUX LED T13 EM & AC MAINS VALUE 6W 830 GX24D-1	4058075823211	13 W	GX24d-1	132	6	630	105	3000	120	80	30000		10
DULUX LED T13 EM & AC MAINS V 6W 840 GX24D-1	4058075823235	13 W	GX24d-1	132	6	700	116	4000	120	80	30000		10
DULUX LED T18 EM & AC MAINS VALUE 7W 830 GX24D-2	4058075823259	18 W	GX24d-2	132	7	720	102	3000	120	80	30000		10
DULUX LED T18 EM & AC MAINS VALUE 7W 840 GX24D-2	4058075823273	18 W	GX24d-2	132	7	800	114	4000	120	80	30000		10
DULUX LED T26 EM & AC MAINS VALUE 9W 830 GX24D-3	4058075823297	26 W	GX24d-3	147	9	1000	111	3000	120	80	30000		10
DULUX LED T26 EM & AC MAINS VALUE 9W 840 GX24D-3	4058075823310	26 W	GX24d-3	147	9	1100	122	4000	120	80	30000		10

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

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

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DULUX LED T/E HF & AC MAINS VALUE

LED replacement for CFLni with 4-pin GX24q base for ECG and AC mains operation



PRODUCT FEATURES

- LED replacement for conventional compact fluorescent lamps for use in ECG luminaires or on AC mains
- Lifetime up to 30,000 h
- Single-ended four-pin plug-in GX24q base
- Rotatable base around its longitudinal axis ($\pm 90^\circ$)
- Type of protection: IP20
- Mercury-free lamps

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from $-20...+45^\circ\text{C}$
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants



Product name	GTIN (EAN)	W	W	I [mm]	W	lm	lm/W	K	°	CRI	t _h	°	°
DULUX LED T/E13 HF & AC MAINS V 6W 830 GX24Q-1	4058075822214	13 W	GX24q-1	103	6	630	105	3000	120	80	30000	°	10
DULUX LED T/E13 HF & AC MAINS V 6W 840 GX24Q-1	4058075822238	13 W	GX24q-1	103	6	700	116	4000	120	80	30000	°	10
DULUX LED T/E18 HF & AC MAINS V 7W 830 GX24Q-2	4058075822252	18 W	GX24q-2	120	7	720	102	3000	120	80	30000	°	10
DULUX LED T/E18 HF & AC MAINS V 7W 840 GX24Q-2	4058075822276	18 W	GX24q-2	120	7	800	114	4000	120	80	30000	°	10
DULUX LED T/E26 HF & AC MAINS VALUE 10W 830 GX24Q-3	4058075822290	26 W	GX24q-3	140	10	990	99	3000	120	80	30000	°	10
DULUX LED T/E26 HF & AC MAINS V 10W 840 GX24Q-3	4058075822313	26 W	GX24q-3	140	10	1100	110	4000	120	80	30000	°	10
DULUX LED T/E32 HF & AC MAINS V 16W 830 GX24Q-3	4058075822337	32 W	GX24q-3	155	16	1620	101	3000	120	80	30000	°	10
DULUX LED T/E32 HF & AC MAINS V 16W 840 GX24Q-3	4058075822351	32 W	GX24q-3	155	16	1800	112	4000	120	80	30000	°	10
DULUX LED T/E42 HF & AC MAINS V 20W 830 GX24Q-4	4058075822375	42 W	GX24q-4	155	20	2025	101	3000	120	80	30000	°	10
DULUX LED T/E42 HF & AC MAINS VALUE 20W 840 GX24Q-4	4058075822399	42 W	GX24q-4	155	20	2250	112	4000	120	80	30000	°	10



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check ECG compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale from A (highest efficiency) to G (lowest efficiency)

DULUX LED SQ EM & AC MAINS VALUE

LED replacement for CFLni with 2-pin GR8 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
- Lifetime up to 30,000 h
- Single-ended two-pin plug-in GR8 base
- Type of protection: IP20
- Mercury-free lamps

PRODUCT BENEFITS

- Easy installation
- Low energy consumption
- Easy relamping thanks to compact design
- Operation directly on 230 V AC mains possible

AREAS OF APPLICATION

- General illumination within ambient temperatures from -20...+45 °C
- Supermarkets and department stores
- Walkways and corridors
- Hotels, restaurants



Product name	GTIN (EAN)	W _W	Base	L _{mm}	W	lm	lm/W	K	Δ	CRI	t _h ²	MTBF ³	Icons
DULUX LED SQ16 EM & AC MAINS V 7W 830 GR8	4058075822535	16 W	GR8	137	7	720	102	3000	130	80	30000	10	
DULUX LED SQ16 EM & AC MAINS V 7W 835 GR8	4058075822559	16 W	GR8	137	7	720	102	3500	130	80	30000	10	
NEW DULUX LED SQ16 EM & AC MAINS V 7W 840 GR8	4099854501739	16 W	GR8	137	7	800	114	4000	130	80	30000	10	
DULUX LED SQ28 EM & AC MAINS V 13W 830 GR8	4058075822573	28 W	GR8	204	13	1350	103	3000	130	80	30000	10	
DULUX LED SQ28 EM & AC MAINS V 13W 835 GR8	4058075822597	28 W	GR8	204	13	1350	103	3500	130	80	30000	10	
NEW DULUX LED SQ28 EM & AC MAINS V 13W 840 GR8	4099854501753	28 W	GR8	204	13	1500	115	4000	130	80	30000	10	

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

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

www.nortecnica.pt

LED CLASSIC A/B/P DIM CRI97

Dimmable LED lamps, classic bulb, mini-bulb and candle shape, with high CRI of 97 for a natural experience



Product name ³	GTIN (EAN)	W ₂ W	W	lm	K	CRI	1 [mm]	Ø [mm]	Light type	t _h ⁴	5 [h]	6 [h]	7 No.
LED CLASSIC A DIM CRI97 S													
LED Classic A 40 Filament DIM CRI97 S 4.2W 927 Clear E27	4099854 065330	40 W	E27	4.2	470	2700	97	105	60	Clear	15000	10	1
LED Classic A 60 Filament DIM CRI97 S 7.2W 927 Clear E27	4099854 065071	60 W	E27	7.2	806	2700	97	105	60	Clear	15000	10	1
LED Classic A 75 Filament DIM CRI97 S 9.5W 927 Clear E27	4099854 065170	75 W	E27	9.5	1055	2700	97	105	60	Clear	15000	10	1
LED Classic A 100 Filament DIM CRI97 S 13.8W 927 Clear E27	4099854 065217	100 W	E27	13.8	1521	2700	97	110	67	Clear	15000	10	1
LED CLASSIC A DIM CRI97 S													
LED Classic A 40 Filament DIM CRI97 S 4.2W 927 Frosted E27	4099854 065378	40 W	E27	4.2	470	2700	97	105	60	Frosted	15000	10	2
LED Classic A 60 Filament DIM CRI97 S 7.2W 927 Frosted E27	4099854 065231	60 W	E27	7.2	806	2700	97	105	60	Frosted	15000	10	2
LED Classic A 75 Filament DIM CRI97 S 9.5W 927 Frosted E27	4099854 065279	75 W	E27	9.5	1055	2700	97	105	60	Frosted	15000	10	2
LED Classic A 100 Filament DIM CRI97 S 13.8W 927 Frosted E27	4099854 065316	100 W	E27	13.8	1521	2700	97	110	67	Frosted	15000	10	2
LED CLASSIC B DIM CRI97 S													
LED Classic B 40 Filament DIM CRI97 S 4.2W 927 Clear E14	4099854 065590	40 W	E14	4.2	470	2700	97	100	35	Clear	15000	10	3
LED CLASSIC B DIM CRI97 S													
LED Classic B 40 Filament DIM CRI97 S 4.2W 927 Frosted E14	4099854 065613	40 W	E14	4.2	470	2700	97	100	35	Frosted	15000	10	4
LED CLASSIC P DIM CRI97 S													
LED Classic P 40 Filament DIM CRI97 S 4.2W 927 Clear E14	4099854 065750	40 W	E14	4.2	470	2700	97	78	45	Clear	15000	10	5
LED CLASSIC P DIM CRI97 S													
LED Classic P 40 Filament DIM CRI97 S 4.2W 927 Clear E27	4099854 077968	40 W	E27	4.2	470	2700	97	75	45	Clear	15000	10	6
LED CLASSIC P DIM CRI97 S													
LED Classic P 40 Filament DIM CRI97 S 4.2W 927 Frosted E14	4099854 065828	40 W	E14	4.2	470	2700	97	78	45	Frosted	15000	10	7



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp. www.nortecnica.pt Efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC A ENERGY EFFICIENCY A DIM

Dimmable LED lamps, classic bulb, Energy Efficiency Class A



Product name ⁴	GTIN (EAN)	W _{LED}	W	lm	K	CRI	h	d	φ	Light	t _h	1	2	3	4	5
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LED CLASSIC A ENERGY EFFICIENCY A DIM S

Dimmable LED classic lamps ensuring highest possible energy savings thanks to extremely high efficiency of 210 lm/W reaching energy efficiency class A. Ideal for decorative and general use. LED lamps with "filament" technology, dimmable, lifetime up to 50,000 h, luminous efficacy up to 210 lm/W, up to 330° beam angle, up to 500,000 switching cycles, low flickering, energy-efficient.



	LED Classic A 40 Filament DIM Energy efficiency class A S 2.2W 827 Clear E27	4099854265280	40 W	E27	2.2	470	2700	80	105	60	Clear	50000	10	1
	LED Classic A 60 Filament DIM Energy efficiency class A S 3.8W 827 Clear E27	4099854265303	60 W	E27	3.8	806	2700	80	105	60	Clear	50000	10	1
NEW	LED Classic A 75 Filament DIM Energy efficiency class A S 5W 827 Clear E27	4099854476686	75 W	E27	5	1055	2700	80	105	60	Clear	50000	10	1
NEW	LED Classic A 100 Filament DIM Energy efficiency class A S 7.2W 827 Clear E27	4099854476723	100 W	E27	7.2	1521	2700	80	105	60	Clear	50000	10	1

LED CLASSIC A ENERGY EFFICIENCY A DIM S

Dimmable LED classic lamps ensuring highest possible energy savings thanks to extremely high efficiency of 210 lm/W reaching energy efficiency class A. Ideal for decorative and general use. LED lamps with "filament" technology, dimmable, lifetime up to 50,000 h, luminous efficacy up to 210 lm/W, up to 330° beam angle, up to 500,000 switching cycles, low flickering, energy-efficient.



	LED Classic A 40 Filament DIM Energy efficiency class A S 2.2W 827 Frosted E27	4099854265266	40 W	E27	2.2	470	2700	80	105	60	Frosted	50000	10	2
	LED Classic A 60 Filament DIM Energy efficiency class A S 3.8W 827 Frosted E27	4099854265327	60 W	E27	3.8	806	2700	80	105	60	Frosted	50000	10	2
NEW	LED Classic A 75 Filament DIM Energy efficiency class A S 5W 827 Frosted E27	4099854476709	75 W	E27	5	1055	2700	80	105	60	Frosted	50000	10	2
	LED Classic A 100 Filament DIM Energy efficiency class A S 7.2W 827 Frosted E27	4099854476761	100 W	E27	7.2	1521	2700	80	105	60	Frosted	50000	10	2



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency) | ² Check dimmer compatibility at ledvance.com/compatibility | ³ Refer to www.ledvance.com/compatibility for precise conditions | ⁴ All technical parameters apply to the entire lamp | ⁵ L70/B50

LED CLASSIC A/B/P/GLOBE/EDISON & SPOT ENERGY EFFICIENCY A NON-DIM

Non-dimmable LED lamps, classic bulb, mini-bulb, candle, ball and Edison shape, Energy Efficiency Class A



Product name ³	GTIN (EAN)	W _{LED}	W	lm	K	CRI	h	φ	h	t ₉₀ ⁴	1	2	3	4	5
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LED CLASSIC A ENERGY EFFICIENCY A S

LED classic lamps ensuring highest possible energy savings thanks to extremely high efficiency of 210 lm/W reaching energy efficiency class A. Ideal for decorative and general use. LED lamps with "filament" technology, lifetime up to 50,000 h, luminous efficacy up to 210 lm/W, up to 330° beam angle, up to 500,000 switching cycles, low flickering, energy-efficient.



LED Classic A 40 Filament Energy efficiency class A S 2.2W 827 Clear E27	4099854236532	40 W	E27	2.2	470	2700	80	105	60	Clear	50000	10	1
LED Classic A 40 Filament Energy efficiency class A S 2.2W 840 Clear E27	4099854259517	40 W	E27	2.2	470	4000	80	105	60	Clear	50000	10	1
LED Classic A 60 Filament Energy efficiency class A S 3.8W 827 Clear E27	4099854236570	60 W	E27	3.8	806	2700	80	105	60	Clear	50000	10	1
LED Classic A 60 Filament Energy efficiency class A S 3.8W 840 Clear E27	4099854259586	60 W	E27	3.8	806	4000	80	105	60	Clear	50000	10	1
LED Classic A 75 Filament Energy efficiency class A S 5W 827 Clear E27	4099854236617	75 W	E27	5	1055	2700	80	105	60	Clear	50000	10	1
LED Classic A 75 Filament Energy efficiency class A S 5W 840 Clear E27	4099854259654	75 W	E27	5	1055	4000	80	105	60	Clear	50000	10	1
LED Classic A 100 Filament Energy efficiency class A S 7.2W 827 Clear E27	4099854236655	100 W	E27	7.2	1521	2700	80	105	60	Clear	50000	10	1
LED Classic A 100 Filament Energy efficiency class A S 7.2W 840 Clear E27	4099854259678	100 W	E27	7.2	1521	4000	80	105	60	Clear	50000	10	1

LED CLASSIC A ENERGY EFFICIENCY A S

LED classic lamps ensuring highest possible energy savings thanks to extremely high efficiency of 210 lm/W reaching energy efficiency class A. Ideal for decorative and general use. LED lamps with "filament" technology, lifetime up to 50,000 h, luminous efficacy up to 210 lm/W, up to 330° beam angle, up to 500,000 switching cycles, low flickering, energy-efficient.



LED Classic A 40 Filament Energy efficiency class A S 2.2W 827 Frosted E27	4099854236556	40 W	E27	2.2	470	2700	80	105	60	Frosted	50000	10	2
LED Classic A 40 Filament Energy efficiency class A S 2.2W 840 Frosted E27	4099854259548	40 W	E27	2.2	470	4000	80	105	60	Frosted	50000	10	2
LED Classic A 60 Filament Energy efficiency class A S 3.8W 827 Frosted E27	4099854236594	60 W	E27	3.8	806	2700	80	105	60	Frosted	50000	10	2
LED Classic A 60 Filament Energy efficiency class A S 3.8W 840 Frosted E27	4099854259616	60 W	E27	3.8	806	4000	80	105	60	Frosted	50000	10	2
LED Classic A 75 Filament Energy efficiency class A S 5W 827 Frosted E27	4099854236631	75 W	E27	5	1055	2700	80	105	60	Frosted	50000	10	2
LED Classic A 75 Filament Energy efficiency class A S 5W 840 Frosted E27	4099854259630	75 W	E27	5	1055	4000	80	105	60	Frosted	50000	10	2
LED Classic A 100 Filament Energy efficiency class A S 7.2W 827 Frosted E27	4099854236730	100 W	E27	7.2	1521	2700	80	105	60	Frosted	50000	10	2
LED Classic A 100 Filament Energy efficiency class A S 7.2W 840 Frosted E27	4099854259692	100 W	E27	7.2	1521	4000	80	105	60	Frosted	50000	10	2
LED Classic A 150 Filament Energy efficiency class A S 11.6W 827 Frosted E27	4099854282195	150 W	E27	11.6	2452	2700	80	124	70	Frosted	50000	10	2
LED Classic A 150 Filament Energy efficiency class A S 11.6W 840 Frosted E27	4099854282218	150 W	E27	11.6	2452	4000	80	124	70	Frosted	50000	10	2

LED CLASSIC B ENERGY EFFICIENCY A S

LED candle lamps ensuring highest possible energy savings thanks to extremely high efficiency of 210 lm/W reaching energy efficiency class A. Ideal for decorative and general use. LED lamps with "filament" technology, lifetime up to 50,000 h, luminous efficacy up to 210 lm/W, up to 330° beam angle, up to 500,000 switching cycles, low flickering, energy-efficient.



LED Classic B 40 Filament Energy efficiency class A S 2.2W 827 Clear E14	4099854255267	40 W	E14	2.2	470	2700	80	101	35	Clear	50000	10	3
LED Classic B 60 Filament Energy efficiency class A S 3.8W 827 Clear E14	4099854255304	60 W	E14	3.8	806	2700	80	101	35	Clear	50000	10	3

LED CLASSIC B ENERGY EFFICIENCY A S

LED candle lamps ensuring highest possible energy savings thanks to extremely high efficiency of 210 lm/W reaching energy efficiency class A. Ideal for decorative and general use. LED lamps with "filament" technology, lifetime up to 50,000 h, luminous efficacy up to 210 lm/W, up to 330° beam angle, up to 500,000 switching cycles, low flickering, energy-efficient.



LED Classic B 40 Filament Energy efficiency class A S 2.2W 827 Frosted E14	4099854255281	40 W	E14	2.2	470	2700	80	101	35	Frosted	50000	10	4
LED Classic B 60 Filament Energy efficiency class A S 3.8W 827 Frosted E14	4099854255328	60 W	E14	3.8	806	2700	80	101	35	Frosted	50000	10	4

Product name ³	GTIN (EAN)	W ₂₀	W ₂₅	W	lm	K	CRI	l ₂₀	l ₂₅	l	Ø	h	t ₂₀ ⁴	1	5	No.
LED CLASSIC P ENERGY EFFICIENCY A S LED mini bulb lamps ensuring highest possible energy savings thanks to extremely high efficiency of 210 lm/W reaching energy efficiency class A. Ideal for decorative and general use. LED lamps with "filament" technology, lifetime up to 50,000 h, luminous efficacy up to 210 lm/W, up to 330° beam angle, up to 500,000 switching cycles, low flickering, energy-efficient.																
LED Classic P 40 Filament Energy efficiency class A S 2.2W 827 Clear E14	4099854 477546	40 W	E14	2.2	470	2700	80	85	45	Clear	50000	10	5			
LED Classic P 60 Filament Energy efficiency class A S 3.8W 827 Clear E14	4099854 477607	60 W	E14	3.8	806	2700	80	85	45	Clear	50000	10	5			
LED CLASSIC P ENERGY EFFICIENCY A S LED mini bulb lamps ensuring highest possible energy savings thanks to extremely high efficiency of 210 lm/W reaching energy efficiency class A. Ideal for decorative and general use. LED lamps with "filament" technology, lifetime up to 50,000 h, luminous efficacy up to 210 lm/W, up to 330° beam angle, up to 500,000 switching cycles, low flickering, energy-efficient.																
LED Classic P 40 Filament Energy efficiency class A S 2.2W 827 Frosted E14	4099854 478291	40 W	E14	2.2	470	2700	80	85	45	Frosted	50000	10	6			
LED Classic P 60 Filament Energy efficiency class A S 3.8W 827 Frosted E14	4099854 477744	60 W	E14	3.8	806	2700	80	85	45	Frosted	50000	10	6			
LED CLASSIC GLOBE ENERGY EFFICIENCY A S LED classic ball lamps ensuring highest possible energy savings thanks to extremely high efficiency of 210 lm/W reaching energy efficiency class A. Ideal for decorative and general use. LED lamps with "filament" technology, lifetime up to 50,000 h, luminous efficacy up to 210 lm/W, up to 330° beam angle, up to 500,000 switching cycles, low flickering, energy-efficient.																
LED Classic Globe 95 60 Filament Energy efficiency class A S 3.8W 827 Clear E27	4099854 4236990	60 W	E27	3.8	806	2700	80	135	95	Clear	50000	10	7			
LED Classic Globe 95 60 Filament Energy efficiency class A S 3.8W 840 Clear E27	4099854 4246616	60 W	E27	3.8	806	4000	80	135	95	Clear	50000	10	7			
LED CLASSIC GLOBE ENERGY EFFICIENCY A S LED classic ball lamps ensuring highest possible energy savings thanks to extremely high efficiency of 210 lm/W reaching energy efficiency class A. Ideal for decorative and general use. LED lamps with "filament" technology, lifetime up to 50,000 h, luminous efficacy up to 210 lm/W, up to 330° beam angle, up to 500,000 switching cycles, low flickering, energy-efficient.																
LED Classic Globe 95 60 Filament Energy efficiency class A S 3.8W 827 Frosted E27	4099854 4237010	60 W	E27	3.8	806	2700	80	135	95	Frosted	50000	10	8			
LED Classic Globe 95 60 Filament Energy efficiency class A S 3.8W 840 Frosted E27	4099854 4246593	60 W	E27	3.8	806	4000	80	135	95	Frosted	50000	10	8			
LED Classic Globe125 100 Filament Energy efficiency class A S 7.2W 827 Frosted E27	4099854 4280214	100 W	E27	7.2	1521	2700	80	168	125	Frosted	50000	10	8			
LED Classic Globe125 100 Filament Energy efficiency class A S 7.2W 840 Frosted E27	4099854 4280290	100 W	E27	7.2	1521	4000	80	168	125	Frosted	50000	10	8			
LED Classic Globe125 100 Filament Energy efficiency class A S 7.2W 865 Frosted E27	4099854 4280313	100 W	E27	7.2	1521	6500	80	168	125	Frosted	50000	10	8			
LED Classic Globe125 150 Filament Energy efficiency class A S 11.6W 840 Frosted E27	4099854 4280337	150 W	E27	11.6	2452	4000	80	168	125	Frosted	50000	10	8			
LED CLASSIC EDISON ENERGY EFFICIENCY A S LED Edison lamps ensuring highest possible energy savings thanks to extremely high efficiency of 210 lm/W reaching energy efficiency class A. Ideal for decorative and general use. LED lamps with "filament" technology, lifetime up to 50,000 h, luminous efficacy up to 210 lm/W, up to 330° beam angle, up to 500,000 switching cycles, low flickering, energy-efficient.																
LED Classic Edison 60 Filament Energy efficiency class A S 3.8W 827 Clear E27	4099854 4237034	60 W	E27	3.8	806	2700	80	143	64	Clear	50000	10	9			
LED LAMPS ENERGY EFFICIENCY REFLECTOR S LED reflector lamps PAR16 ensuring highest possible energy savings thanks to extremely high efficiency of 210 lm/W reaching energy efficiency class A. Ideal for decorative and general use. LED alternative to halogen lamps, lifetime up to 50,000 h, luminous efficacy up to 180 lm/W, up to 100,000 switching cycles, low flickering, energy-efficient.																
LED PAR16 50 36° Energy efficiency class A S 2W 827 GU10	4099854 4245251	50 W	GU10	2	360	2700	80	54	50		50000	10	10			
LED PAR16 50 36° Energy efficiency class A S 2W 840 GU10	4099854 4245275	50 W	GU10	2	360	4000	80	54	50		50000	10	10			



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency) | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the fire lamp | ⁴ L70/B50

LED CLASSIC B/P ENERGY EFFICIENCY B DIM

Dimmable LED lamps, mini-bulb and candle shape Energy Efficiency Class B



Product name ³	GTIN (EAN)	W _{LED}	W	lm	K	CRI	I _{avg} (lm/W)	d (mm)	Light bulb icon	t ₉₀ ⁴	5	6	7
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LED CLASSIC B ENERGY EFFICIENCY B DIM S

Dimmable LED candle lamps ensuring high energy savings thanks to extremely high efficiency of 188 lm/W reaching energy efficiency class B. Ideal for decorative and general use. LED lamps with "filament" technology, dimmable, lifetime up to 50,000 h, luminous efficacy up to 188 lm/W, up to 330° beam angle, up to 500,000 switching cycles, low flickering, energy-efficient.



NEW	LED Classic B 40 Filament DIM Energy efficiency class B S 2.5W 827 Clear E14	4099854 478079	40 W	E14	2.5	470	2700	80	100	35	Clear	50000	10	1
NEW	LED Classic B 40 Filament DIM Energy efficiency class B S 2.5W 827 Frosted E14	4099854 478116	40 W	E14	2.5	470	2700	80	100	35	Frosted	50000	10	2

LED CLASSIC P ENERGY EFFICIENCY B DIM S

Dimmable LED mini bulb lamps ensuring high energy savings thanks to extremely high efficiency of 188 lm/W reaching energy efficiency class B. Ideal for decorative and general use. LED lamps with "filament" technology, dimmable, lifetime up to 50,000 h, luminous efficacy up to 188 lm/W, up to 330° beam angle, up to 500,000 switching cycles, low flickering, energy-efficient.



NEW	LED Classic P 40 Filament DIM Energy efficiency class B S 2.5W 827 Clear E14	4099854 477645	40 W	E14	2.5	470	2700	80	84	45	Clear	50000	10	3
NEW	LED Classic P 40 Filament DIM Energy efficiency class B S 2.5W 827 Frosted E14	4099854 477706	40 W	E14	2.5	470	2700	80	84	45	Frosted	50000	10	4



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp. ⁴ www.nortecnica.pt

LED CLASSIC A DIM

Dimmable LED lamps, classic bulb shape



Product name ³			GTIN (EAN)														
LED CLASSIC A DIM P																	
LED Classic A 40 Filament DIM P 3.4W 827 Clear E27			4099854	463617	40 W	E27	3.4	470	2700	80	105	60	Clear	15000		10	1
LED Classic A 60 Filament DIM P 5.9W 827 Clear E27			4099854	463891	60 W	E27	5.9	806	2700	80	105	60	Clear	15000		10	1
LED Classic A 75 Filament DIM P 7.5W 827 Clear E27			4099854	060915	75 W	E27	7.5	1055	2700	80	105	60	Clear	15000		10	1
LED Classic A 100 Filament DIM P 11W 827 Clear E27			4099854	060595	100 W	E27	11	1521	2700	80	105	60	Clear	15000		10	1
LED CLASSIC A DIM P																	
LED Classic A 40 Filament DIM P 3.4W 827 Frosted E27			4099854	463693	40 W	E27	3.4	470	2700	80	105	60	Frosted	15000		10	2
LED Classic A 60 Filament DIM P 5.9W 827 Frosted E27			4099854	463938	60 W	E27	5.9	806	2700	80	105	60	Frosted	15000		10	2
LED Classic A 60 Filament DIM P 5.9W 840 Frosted E27			4099854	463778	60 W	E27	5.9	806	4000	80	105	60	Frosted	15000		10	2
LED Classic A 75 Filament DIM P 7.5W 827 Frosted E27			4099854	060977	75 W	E27	7.5	1055	2700	80	105	60	Frosted	15000		10	2
LED Classic A 75 Filament DIM P 7.5W 840 Frosted E27			4099854	060854	75 W	E27	7.5	1055	4000	80	105	60	Frosted	15000		10	2
LED Classic A 100 Filament DIM P 11W 827 Frosted E27			4099854	060656	100 W	E27	11	1521	2700	80	105	60	Frosted	15000		10	2
LED Classic A 150 Filament DIM P 18W 827 Frosted E27			4099854	067457	150 W	E27	18	2452	2700	80	128	70	Frosted	15000		10	2
LED CLASSIC A DIM P																	
LED Classic A 60 Filament DIM P 5.9W 827 Clear B22d			4099854	463853	60 W	B22d	5.9	806	2700	80	104	60	Clear	15000		10	3
LED CLASSIC A DIM P																	
LED Classic A 60 Filament DIM P 5.9W 827 Frosted B22d			4099854	463815	60 W	B22d	5.9	806	2700	80	104	60	Frosted	15000		10	4



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

SUPERIOR CLASS PERFORMANCE CLASS VALUE CLASS

¹ Check dimmer compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility) | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp. www.nortecnica.pt Efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC A NON-DIM

Non-dimmable LED lamps, classic bulb shape



Product name ²	GTIN (EAN)													
LED CLASSIC A P														
LED Classic A 40 Filament P 3.4W 827 Clear E27	4099854465857	40 W	E27	3.4	470	2700	80	105	60	Clear	15000		10	1
LED Classic A 40 Filament P 3.4W 840 Clear E27	4099854465635	40 W	E27	3.4	470	4000	80	105	60	Clear	15000		10	1
LED Classic A 60 Filament P 5.9W 827 Clear E27	4099854465970	60 W	E27	5.9	806	2700	80	105	60	Clear	15000		10	1
LED Classic A 60 Filament P 5.9W 840 Clear E27	4099854465994	60 W	E27	5.9	806	4000	80	105	60	Clear	15000		10	1
LED Classic A 75 Filament P 7.5W 827 Clear E27	4099854062186	75 W	E27	7.5	1055	2700	80	105	60	Clear	15000		10	1
LED Classic A 75 Filament P 7.5W 840 Clear E27	4099854062988	75 W	E27	7.5	1055	4000	80	105	60	Clear	15000		10	1
LED Classic A 100 Filament P 11W 827 Clear E27	4099854465833	100 W	E27	11	1521	2700	80	105	60	Clear	15000		10	1
LED Classic A 100 Filament P 11W 840 Clear E27	4099854465734	100 W	E27	11	1521	4000	80	105	60	Clear	15000		10	1
LED CLASSIC A P														
LED Classic A 40 Filament P 3.4W 827 Frosted E27	4099854465611	40 W	E27	3.4	470	2700	80	105	60	Frosted	15000		10	2
LED Classic A 40 Filament P 3.4W 840 Frosted E27	4099854465871	40 W	E27	3.4	470	4000	80	105	60	Frosted	15000		10	2
LED Classic A 60 Filament P 5.9W 827 Frosted E27	4099854465932	60 W	E27	5.9	806	2700	80	105	60	Frosted	15000		10	2
LED Classic A 60 Filament P 5.9W 840 Frosted E27	4099854465956	60 W	E27	5.9	806	4000	80	105	60	Frosted	15000		10	2
LED Classic A 75 Filament P 7.5W 827 Frosted E27	4099854062049	75 W	E27	7.5	1055	2700	80	105	60	Frosted	15000		10	2
LED Classic A 75 Filament P 7.5W 840 Frosted E27	4099854062025	75 W	E27	7.5	1055	4000	80	105	60	Frosted	15000		10	2
LED Classic A 100 Filament P 11W 827 Frosted E27	4099854465772	100 W	E27	11	1521	2700	80	105	60	Frosted	15000		10	2
LED Classic A 150 Filament P 17W 827 Frosted E27	4099854069833	150 W	E27	17	2452	2700	80	118	70	Frosted	15000		10	2
LED Classic A 150 Filament P 17W 840 Frosted E27	4099854069857	150 W	E27	17	2452	4000	80	118	70	Frosted	15000		10	2
LED Classic A 200 Filament P 24W 827 Frosted E27	4099854069895	200 W	E27	24	3452	2700	80	162	95	Frosted	15000		4	2
LED Classic A 200 Filament P 24W 840 Frosted E27	4099854069918	200 W	E27	24	3452	4000	80	162	95	Frosted	15000		4	2
LED CLASSIC A P														
LED Classic A 40 Filament P 3.4W 827 Clear B22d	4099854465918	40 W	B22d	3.4	470	2700	80	104	60	Clear	15000		10	3
LED Classic A 60 Filament P 5.9W 827 Clear B22d	4099854466076	60 W	B22d	5.9	806	2700	80	104	60	Clear	15000		10	3
LED CLASSIC A P														
LED Classic A 40 Filament P 3.4W 827 Frosted B22d	4099854465895	40 W	B22d	3.4	470	2700	80	104	60	Frosted	15000		10	4
LED Classic A 60 Filament P 5.9W 827 Frosted B22d	4099854466052	60 W	B22d	5.9	806	2700	80	104	60	Frosted	15000		10	4

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² All technical parameters apply to the entire lamp | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

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LED CLASSIC B DIM

Dimmable LED lamps, classic candle shape



Product name ³			GTIN (EAN)	W	Im	K	CRI	l (mm)	d (mm)			t _h	IP	No.
LED CLASSIC B DIM P														
LED Classic B 40 Filament DIM P 3.4W 827 Clear E14			4099854439049	40 W	E14	3.4	470	2700	80	100	35	Clear	15000	1
LED CLASSIC B DIM P														
LED Classic B 40 Filament DIM P 3.4W 827 Clear E27			4099854439001	40 W	E27	3.4	470	2700	80	95	35	Clear	15000	2
LED CLASSIC B DIM P														
LED Classic B 40 Filament DIM P 3.4W 827 Frosted E14			4099854439063	40 W	E14	3.4	470	2700	80	100	35	Frosted	15000	3
LED Classic B 60 Filament DIM P 5.9W 827 Frosted E14			4099854464515	60 W	E14	5.9	806	2700	80	100	35	Frosted	15000	3
LED CLASSIC B DIM P														
LED Classic B 40 Filament DIM P 3.4W 827 Frosted B22d			4099854439025	40 W	B22d	3.4	470	2700	80	94	35	Frosted	15000	4



Compatibility list also online: ledvance.com/compatibility

SUPERIOR CLASS PERFORMANCE CLASS VALUE CLASS

¹ Check dimmer compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp range. Efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC B/BA/BW NON-DIM

Non-dimmable LED lamps, classic candle shape



Product name ²	GTIN (EAN)	W _{LED}	W _{max}	W	lm	K	CRI	l [mm]	Ø d [mm]	Light bulb icon	t ₉₀ ³	IP ⁴	Energy efficiency class	No.
LED CLASSIC B P														
LED Classic B 25 Filament P 1.8W 827 Clear E14	4099854466298	25 W	E14	1.8	250	2700	80	100	35	Clear	15000		10	
LED Classic B 40 Filament P 3.4W 827 Clear E14	4099854466946	40 W	E14	3.4	470	2700	80	100	35	Clear	15000		10	
LED Classic B 40 Filament P 3.4W 840 Clear E14	4099854466403	40 W	E14	3.4	470	4000	80	100	35	Clear	15000		10	
LED Classic B 60 Filament P 5.9W 827 Clear E14	4099854467004	60 W	E14	5.9	806	2700	80	100	35	Clear	15000		10	
LED CLASSIC BA P														
LED Classic BA 40 Filament P 3.4W 827 Clear E14	4099854466793	40 W	E14	3.4	470	2700	80	121	35	Clear	15000		10	
LED CLASSIC BW P														
LED Classic BW 40 Filament P 3.4W 827 Clear E14	4099854466663	40 W	E14	3.4	470	2700	80	100	35	Clear	15000		10	
LED CLASSIC B P														
LED Classic B 40 Filament P 3.4W 827 Clear E27	4099854466359	40 W	E27	3.4	470	2700	80	92	35	Clear	15000		10	
LED CLASSIC B P														
LED Classic B 25 Filament P 1.8W 827 Clear B22d	4099854466175	25 W	B22d	1.8	250	2700	80	91	35	Clear	15000		10	
LED Classic B 40 Filament P 3.4W 827 Clear B22d	4099854466489	40 W	B22d	3.4	470	2700	80	91	35	Clear	15000		10	
LED CLASSIC B P														
LED Classic B 25 Filament P 1.8W 827 Frosted E14	4099854466212	25 W	E14	1.8	250	2700	80	100	35	Frosted	15000		10	
LED Classic B 40 Filament P 3.4W 827 Frosted E14	4099854466861	40 W	E14	3.4	470	2700	80	100	35	Frosted	15000		10	
LED Classic B 60 Filament P 5.9W 827 Frosted E14	4099854467028	60 W	E14	5.9	806	2700	80	100	35	Frosted	15000		10	
LED CLASSIC B P														
LED Classic B 40 Filament P 3.4W 827 Frosted B22d	4099854466540	40 W	B22d	3.4	470	2700	80	91	35	Frosted	15000		10	

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² All technical parameters apply to the entire lamp | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

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LED CLASSIC P DIM

Dimmable LED lamps, mini-ball shape



Product name ³			GTIN (EAN)		W	Im	K	CRI	h	d		t	4	5	No.
LED CLASSIC P DIM P															
LED Classic P 40 Filament DIM P 3.4W 827 Clear E14			4099854439193	40 W	E14	3.4	470	2700	80	84	45	Clear	15000	10	1
LED CLASSIC P DIM P															
LED Classic P 40 Filament DIM P 3.4W 827 Clear E27			4099854439131	40 W	E27	3.4	470	2700	80	84	45	Clear	15000	10	2
LED CLASSIC P DIM P															
LED Classic P 25 Filament DIM P 1.8W 827 Frosted E14			4099854443398	25 W	E14	1.8	250	2700	80	84	45	Frosted	15000	10	3
LED Classic P 40 Filament DIM P 3.4W 827 Frosted E14			4099854439216	40 W	E14	3.4	470	2700	80	84	45	Frosted	15000	10	3
LED Classic P 60 Filament DIM P 5.9W 827 Frosted E14			4099854464553	60 W	E14	5.9	806	2700	80	84	45	Frosted	15000	10	3
LED CLASSIC P DIM P															
LED Classic P 25 Filament DIM P 1.8W 827 Frosted E27			4099854439087	25 W	E27	1.8	250	2700	80	84	45	Frosted	15000	10	4
LED Classic P 40 Filament DIM P 3.4W 827 Frosted E27			4099854439155	40 W	E27	3.4	470	2700	80	84	45	Frosted	15000	10	4
LED CLASSIC P DIM P															
LED Classic P 40 Filament DIM P 3.4W 827 Frosted B22d			4099854439179	40 W	B22d	3.4	470	2700	80	83	45	Frosted	15000	10	5



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

SUPERIOR CLASS PERFORMANCE CLASS VALUE CLASS

¹ Check dimmer compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility) | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp range. Efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC P NON-DIM

Non-dimmable LED lamps, mini-ball shape



Product name ²	GTIN (EAN)	W _{LED}	W _{inc}	W	lm	K	CRI	$\frac{l}{d}$ [mm]	ϕ [mm]	Light	t _{in} ³	$\frac{l}{d}$ ⁴	IP	Energy efficiency class
LED CLASSIC P P														
LED Classic P 25 Filament P 1.8W 827 Clear E14	4099854468117	25 W	E14	1.8	250	2700	80	84	45	Clear	15000		10	1
LED Classic P 40 Filament P 3.4W 827 Clear E14	4099854468414	40 W	E14	3.4	470	2700	80	84	45	Clear	15000		10	1
LED Classic P 60 Filament P 5.9W 827 Clear E14	4099854468513	60 W	E14	5.9	806	2700	80	84	45	Clear	15000		10	1
LED CLASSIC P P														
LED Classic P 15 Filament P 1W 827 Clear E27	4099854467837	15 W	E27	1	136	2700	80	84	45	Clear	15000		10	2
LED Classic P 25 Filament P 1.8W 827 Clear E27	4099854468056	25 W	E27	1.8	250	2700	80	84	45	Clear	15000		10	2
LED Classic P 60 Filament P 5.9W 827 Clear E27	4099854468476	60 W	E27	5.9	806	2700	80	84	45	Clear	15000		10	2
LED CLASSIC P P														
LED Classic P 25 Filament P 1.8W 827 Frosted E14	4099854468216	25 W	E14	1.8	250	2700	80	84	45	Frosted	15000		10	3
LED Classic P 40 Filament P 3.4W 827 Frosted E14	4099854468377	40 W	E14	3.4	470	2700	80	84	45	Frosted	15000		10	3
LED Classic P 60 Filament P 5.9W 827 Frosted E14	4099854468575	60 W	E14	5.9	806	2700	80	84	45	Frosted	15000		10	3
LED CLASSIC P P														
LED Classic P 25 Filament P 1.8W 827 Frosted E27	4099854467950	25 W	E27	1.8	250	2700	80	84	45	Frosted	15000		10	4
LED Classic P 40 Filament P 3.4W 827 Frosted E27	4099854468254	40 W	E27	3.4	470	2700	80	84	45	Frosted	15000		10	4
LED CLASSIC P P														
LED Classic P 40 Filament P 3.4W 827 Frosted B22d	4099854468315	40 W	B22d	3.4	470	2700	80	83	45	Frosted	15000		10	5

SUPERIOR CLASS
 PERFORMANCE CLASS
 VALUE CLASS

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² All technical parameters apply to the entire lamp | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

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LED CLASSIC GLOBE/EDISON DIM/NON-DIM

Dimmable and non-dimmable LED lamps, classic ball and Edison bulb shape



Product name ³	GTIN (EAN)	W _{LED}	W	Im	K	CRI	h	d	Ø	Light	t _h	4	5	No.
LEDVANCE LED CLASSIC GLOBE DIM P LEDVANCE LED CLASSIC GLOBE P LEDVANCE LED CLASSIC GLOBE P LEDVANCE LED CLASSIC ST P LEDVANCE LED CLASSIC ST P														
LED Classic Globe 95 75 Filament DIM P 7.5W 827 Frosted E27	4099854060717	75 W	E27	7.5	1055	2700	80	135	95	Frosted	15000	1	230V AC	IP 20
LED Classic Globe 95 100 Filament DIM P 11W 827 Frosted E27	4099854060793	100 W	E27	11	1521	2700	80	135	95	Frosted	15000	1	230V AC	IP 20
LED Classic Globe 95 60 Filament P 5.9W 827 Frosted E27	4099854465598	60 W	E27	5.9	806	2700	80	135	95	Frosted	15000	2	230V AC	IP 20
LED Classic Globe 95 100 Filament P 11W 827 Frosted E27	4099854062865	100 W	E27	11	1521	2700	80	135	95	Frosted	15000	2	230V AC	IP 20
LED Classic Globe 125 25 Filament P 1.8W 827 Clear E27	4099854467622	25 W	E27	1.8	250	2700	80	168	125	Clear	15000	3	230V AC	IP 20
LED Classic Globe 125 40 Filament P 3.4W 827 Clear E27	4099854467660	40 W	E27	3.4	470	2700	80	168	125	Clear	15000	3	230V AC	IP 20
LED Classic Globe 125 60 Filament P 5.9W 827 Clear E27	4099854467752	60 W	E27	5.9	806	2700	80	168	125	Clear	15000	3	230V AC	IP 20
LED Classic Edison 40 Filament P 3.4W 827 Frosted E27	4099854467301	40 W	E27	3.4	470	2700	80	143	64	Frosted	15000	4	230V AC	IP 20
LED Classic Edison 55 Filament P 5.4W 827 Frosted E27	4099854467486	55 W	E27	5.4	730	2700	80	143	64	Frosted	15000	4	230V AC	IP 20
LED Classic Edison 40 Filament P 3.4W 827 Clear E27	4099854467417	40 W	E27	3.4	470	2700	80	143	64	Clear	15000	5	230V AC	IP 20



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp. www.nortecnica.pt

LED CLASSIC A/B/P

Reliable quality LED lamps in classic bulb, mini-candle and mini-ball shape with innovative "filament" technology



Product name ²	GTIN (EAN)	W _W	W _{Im}	W	Im	K	CRI	l _{lm}	Ø	t _{lm}	t _{lm}	3	4	5	6	7	8	9
LED CLASSIC A V VALUE 230V AC IP 20 2 year warranty																		
LED Classic A 40 Filament V 4W 827 Clear E27	4099854068980	40 W	E27	4	470	2700	80	105	60	Clear	10000	10	1					
LED Classic A 40 Filament V 4W 830 Clear E27	4099854485831	40 W	E27	4	470	3000	80	105	60	Clear	10000	10	1					
LED Classic A 60 Filament V 7W 827 Clear E27	4099854476495	60 W	E27	7	806	2700	80	105	60	Clear	10000	10	1					
LED Classic A 60 Filament V 7W 830 Clear E27	4099854482625	60 W	E27	7	806	3000	80	105	60	Clear	10000	10	1					
LED Classic A 60 Filament V 7W 840 Clear E27	4099854476518	60 W	E27	7	806	4000	80	105	60	Clear	10000	10	1					
LED Classic A 75 Filament V 7.5W 827 Clear E27	4099854062100	75 W	E27	7.5	1055	2700	80	105	60	Clear	10000	10	1					
LED Classic A 75 Filament V 7.5W 840 Clear E27	4099854062902	75 W	E27	7.5	1055	4000	80	105	60	Clear	10000	10	1					
LED Classic A 100 Filament V 11W 827 Clear E27	4099854476556	100 W	E27	11	1521	2700	80	105	60	Clear	10000	10	1					
LED Classic A 100 Filament V 11W 830 Clear E27	4099854482564	100 W	E27	11	1521	3000	80	105	60	Clear	10000	10	1					
LED Classic A 100 Filament V 11W 840 Clear E27	4099854476532	100 W	E27	11	1521	4000	80	105	60	Clear	10000	10	1					
LED Classic A 150 Filament V 17W 827 Clear E27	4099854484490	150 W	E27	17	2452	2700	80	118	70	Clear	10000	10	1					
LED Classic A 150 Filament V 17W 830 Clear E27	4099854484452	150 W	E27	17	2452	3000	80	118	70	Clear	10000	10	1					
LED Classic A 150 Filament V 17W 840 Clear E27	4099854484513	150 W	E27	17	2452	4000	80	118	70	Clear	10000	10	1					
LED CLASSIC A V VALUE 230V AC IP 20 2 year warranty																		
LED Classic A 40 Filament V 4.2W 830 Frosted E27	4099854485879	40 W	E27	4.2	470	3000	80	105	60	Frosted	10000	10	2					
LED Classic A 60 Filament V 7W 830 Frosted E27	4099854485855	60 W	E27	7	806	3000	80	105	60	Frosted	10000	10	2					
LED Classic A 100 Filament V 11W 827 Frosted E27	4099854482601	100 W	E27	11	1521	2700	80	105	60	Frosted	10000	10	2					
LED Classic A 100 Filament V 11W 830 Frosted E27	4099854482540	100 W	E27	11	1521	3000	80	105	60	Frosted	10000	10	2					
LED Classic A 100 Filament V 11W 840 Frosted E27	4099854482588	100 W	E27	11	1521	4000	80	105	60	Frosted	10000	10	2					
LED Classic A 150 Filament V 17W 827 Frosted E27	4099854484537	150 W	E27	17	2452	2700	80	118	70	Frosted	10000	10	2					
LED Classic A 150 Filament V 17W 830 Frosted E27	4099854484438	150 W	E27	17	2452	3000	80	118	70	Frosted	10000	10	2					
LED Classic A 150 Filament V 17W 840 Frosted E27	4099854484551	150 W	E27	17	2452	4000	80	118	70	Frosted	10000	10	2					
LED CLASSIC B V VALUE 230V AC IP 20 2 year warranty																		
LED Classic B 25 Filament 2.5W 827 Clear E14	4099854482724	25 W	E14	2.5	250	2700	80	100	35	Clear	10000	10	3					
LED Classic B 25 Filament V 2.5W 830 Clear E14	4099854484179	25 W	E14	2.5	250	3000	80	100	35	Clear	10000	10	3					
LED Classic B 40 Filament V 4W 827 Clear E14	4099854069871	40 W	E14	4	470	2700	80	100	35	Clear	10000	10	3					
LED Classic B 40 Filament V 4W 830 Clear E14	4099854484131	40 W	E14	4	470	3000	80	100	35	Clear	10000	10	3					
LED Classic B 60 Filament V 5.9W 827 Clear E14	4099854484315	60 W	E14	5.9	806	2700	80	100	35	Clear	10000	10	3					
LED Classic B 60 Filament V 5.9W 830 Clear E14	4099854484216	60 W	E14	5.9	806	3000	80	100	35	Clear	10000	10	3					
LED CLASSIC B V VALUE 230V AC IP 20 2 year warranty																		
LED Classic B 25 Filament V 2.5W 827 Frosted E14	4099854484230	25 W	E14	2.5	250	2700	80	100	35	Frosted	10000	10	4					
LED Classic B 25 Filament V 2.5W 830 Frosted E14	4099854484155	25 W	E14	2.5	250	3000	80	100	35	Frosted	10000	10	4					
LED Classic B 40 Filament V 4.2W 827 Frosted E14	4099854484254	40 W	E14	4.2	470	2700	80	100	35	Frosted	10000	10	4					
LED Classic B 40 Filament V 4.2W 830 Frosted E14	4099854484070	40 W	E14	4.2	470	3000	80	100	35	Frosted	10000	10	4					
LED Classic B 60 Filament V 5.9W 827 Frosted E14	4099854484292	60 W	E14	5.9	806	2700	80	100	35	Frosted	10000	10	4					
LED Classic B 60 Filament V 5.9W 830 Frosted E14	4099854484193	60 W	E14	5.9	806	3000	80	100	35	Frosted	10000	10	4					
LED CLASSIC P V VALUE 230V AC IP 20 2 year warranty																		
LED Classic P 25 Filament 2.5W 827 Clear E14	4099854482748	25 W	E14	2.5	250	2700	80	77	45	Clear	10000	10	5					
LED Classic P 25 Filament V 2.5W 830 Clear E14	4099854482243	25 W	E14	2.5	250	3000	80	84	45	Clear	10000	10	5					
LED Classic P 40 Filament V 4W 827 Clear E14	4099854497810	40 W	E14	4	470	2700	80	84	45	Clear	10000	10	5					
LED Classic P 40 Filament V 4W 830 Clear E14	4099854482229	40 W	E14	4	470	3000	80	84	45	Clear	10000	10	5					

Product name ²	GTIN (EAN)															
LED Classic P 60 Filament V 5.9W 827 Clear E14	4099854 482427	60 W	E14	5.9	806	2700	80	84	45	Clear	10000		10	5		
LED Classic P 60 Filament V 5.9W 830 Clear E14	4099854 482342	60 W	E14	5.9	806	3000	80	84	45	Clear	10000		10	5		
LED CLASSIC P V																
LED Classic P 40 Filament V 4W 827 Clear E27	4099854 482441	40 W	E27	4	470	2700	80	84	45	Clear	10000		10	6		
LED Classic P 40 Filament V 4W 830 Clear E27	4099854 482168	40 W	E27	4	470	3000	80	84	45	Clear	10000		10	6		
LED Classic P 60 Filament V 5.9W 827 Clear E27	4099854 482489	60 W	E27	5.9	806	2700	80	84	45	Clear	10000		10	6		
LED Classic P 60 Filament V 5.9W 830 Clear E27	4099854 482281	60 W	E27	5.9	806	3000	80	84	45	Clear	10000		10	6		
LED CLASSIC P V																
LED Classic P 25 Filament V 2.9W 830 Frosted E14	4099854 485817	25 W	E14	2.5	250	3000	80	84	45	Frosted	10000		10	7		
LED Classic P 40 Filament V 4.2W 827 Frosted E14	4099854 482380	40 W	E14	4.2	470	2700	80	84	45	Frosted	10000		10	7		
LED Classic P 40 Filament V 4.2W 830 Frosted E14	4099854 482205	40 W	E14	4.2	470	3000	80	84	45	Frosted	10000		10	7		
LED Classic P 60 Filament V 5.9W 827 Frosted E14	4099854 482403	60 W	E14	5.9	806	2700	80	84	45	Frosted	10000		10	7		
LED Classic P 60 Filament V 5.9W 830 Frosted E14	4099854 482366	60 W	E14	5.9	806	3000	80	84	45	Frosted	10000		10	7		
LED CLASSIC P V																
LED Classic P 40 Filament V 4.2W 827 Frosted E27	4099854 482465	40 W	E27	4.2	470	2700	80	84	45	Frosted	10000		10	8		
LED Classic P 40 Filament V 4.2W 830 Frosted E27	4099854 482083	40 W	E27	4.2	470	3000	80	84	45	Frosted	10000		10	8		
LED Classic P 60 Filament V 5.9W 827 Frosted E27	4099854 482502	60 W	E27	5.9	806	2700	80	84	45	Frosted	10000		10	8		
LED Classic P 60 Filament V 5.9W 830 Frosted E27	4099854 482304	60 W	E27	5.9	806	3000	80	84	45	Frosted	10000		10	8		
LED CLASSIC GLOBE V																
LED Classic Globe 125 100 Filament V 11W 827 Frosted E27	4099854 482045	100 W	E27	11	1521	2700	80	168	125	Frosted	10000		10	9		
LED Classic Globe 125 100 Filament V 11W 830 Frosted E27	4099854 482021	100 W	E27	11	1521	3000	80	168	125	Frosted	10000		10	9		
LED Classic Globe 125 100 Filament V 11W 840 Frosted E27	4099854 482069	100 W	E27	11	1521	4000	80	168	125	Frosted	10000		10	9		
LED Globe 125 150 Filament V 17W 827 Frosted E27	4099854 484391	150 W	E27	17	2452	2700	80	173	124	Frosted	10000		10	9		
LED Globe 125 150 Filament V 17W 830 Frosted E27	4099854 484377	150 W	E27	17	2452	3000	80	173	124	Frosted	10000		10	9		
LED Globe 125 150 Filament V 17W 840 Frosted E27	4099854 484414	150 W	E27	17	2452	4000	80	173	124	Frosted	10000		10	9		
LED Classic Globe 125 200 Filament V 24W 827 Frosted E27	4099854 485398	200 W	E27	24	3452	2700	80	173	124	Frosted	10000		10	9		
LED Classic Globe 125 200 Filament V 24W 830 Frosted E27	4099854 485374	200 W	E27	24	3452	3000	80	173	124	Frosted	10000		10	9		
LED Classic Globe 125 200 Filament V 24W 840 Frosted E27	4099854 485411	200 W	E27	24	3452	4000	80	173	124	Frosted	10000		10	9		

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² All technical parameters apply to the entire lamp | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

DECOR FLAT LAMP IN METAL HOUSING

Flat lamp in Metal Housing



PRODUCT FEATURES

- The flat lamp is installed in the metal housing for design purposes
- Metal housing has two versions: Globe and Square
- Two different colors are offered for the lamp housing: Gold and Black
- Lifetime up to 25,000 h
- The flat lamp can be detached from the housing
- Can be used directly as luminaire

PRODUCT BENEFITS

- The integrated lamp delivers a modern and luxurious atmosphere
- Ultra-compact design lamp without bulb-shaped diffuser
- The special design offers comfortable light distribution
- Type of protection: IP20, Ideal for indoor use
- Lower energy consumption than incandescent or halogen lamps

AREAS OF APPLICATION

- Perfect for decorative installations
- Luxurious living areas



Product name ²	GTIN (EAN)	W _{LED}	E ₂₇	W	lm	K	CRI	h	Ø d	Light	t ₉₀ ³	Energy efficiency ⁴	Stackable	No.
DECOR LED FLAT GLOBE 125 BLACK 3.5W 827 Frosted E27 Non-DIM	4058075840126	28 W	E27	3.5	300	2700	80	150	125	Frosted	25000		4	1
DECOR LED FLAT SQUARE 100 BLACK 3.5W 827 Frosted E27 Non-DIM	4058075840140	28 W	E27	3.5	300	2700	80	162	100	Frosted	25000		4	2
DECOR LED FLAT GLOBE 125 GOLD 3.5W 827 Frosted E27 Non-DIM	4058075840089	28 W	E27	3.5	300	2700	80	150	125	Frosted	25000		4	3
DECOR LED FLAT SQUARE 100 GOLD 3.5W 827 Frosted E27 Non-DIM	4058075840102	28 W	E27	3.5	300	2700	80	162	100	Frosted	25000		4	4

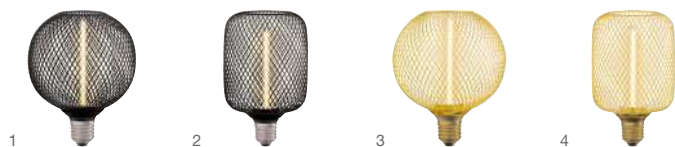
■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² All technical parameters apply to the entire lamp | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

www.nortecnicia.pt

DECOR STRAW FILAMENT LAMP IN METAL HOUSING

Straw filament lamp in Metal Housing



PRODUCT FEATURES

- The integrated lamp features a unique straw-shaped design
- Metal housing has two versions: Globe and Square
- Two different colors are offered for the lamp housing: Gold and Black
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Lifetime up to 25,000 h
- Can be used directly as luminaire

PRODUCT BENEFITS

- The integrated lamp delivers a modern and luxurious atmosphere
- The special design offers comfortable light distribution
- Type of protection: IP20, Ideal for indoor use

AREAS OF APPLICATION

- Perfect for decorative installations
- Luxurious living areas



Product name ³		GTIN (EAN)										 ⁴		
NEW	DECOR LED STRAW FILAMENT GLOBE 125 12 BLACK DIM 3.5W 818 E27	4058075 840249	12 W	E27	3.5	110	1800	80	150	125	Clear	25000	4	1
	DECOR LED STRAW FILAMENT SQUARE 100 BLACK DIM 3.5W 818 E27	4058075 840263	12 W	E27	3.5	110	1800	80	162	100	Clear	25000	4	2
	DECOR LED STRAW FILAMENT GLOBE 125 16 GOLD DIM 3.5W 818 E27	4058075 5840164	16 W	E27	3.5	150	1800	80	150	125	Clear	25000	4	3
	DECOR LED STRAW FILAMENT SQUARE 100 16 GOLD DIM 3.5W 818 E27	4058075 840188	16 W	E27	3.5	150	1800	80	162	100	Clear	25000	4	4



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp | ⁴ The product is exempt from the EU Energy Labelling Regulation (EU Directive 2019/2015)

DECOR SPIRAL FILAMENT LAMP IN METAL HOUSING

Spiral filament lamp in Metal Housing



PRODUCT FEATURES

- The integrated lamp features a unique spiral-shaped design
- Metal housing has two versions: Globe and Square
- Two different colors are offered for the lamp housing: Gold and Black
- Dimmable (with many common dimmers, see also www.ledvance.com/dim)
- Lifetime up to 25,000 h
- Can be used directly as luminaire

PRODUCT BENEFITS

- The integrated lamp delivers a modern and luxurious atmosphere
- The special design offers comfortable light distribution
- Type of protection: IP20, Ideal for indoor use

AREAS OF APPLICATION

- Perfect for decorative installations
- Luxurious living areas



Product name ³	GTIN (EAN)	W _{LED}	E	W	lm	K	CRI	h	Ø d [mm]	Light color	t ₉₀ [h]	4	No.
DECOR LED SPIRAL FILAMENT GLOBE 125 14 BLACK DIM 3.5W 818 E27	4058075840287	14 W	E27	3.5	130	1800	80	150	125	Clear	25000	4	1
NEW DECOR LED SPIRAL FILAMENT SQUARE 100 BLACK DIM 3.5W 818 E27	4058075840300	14 W	E27	3.5	130	1800	80	162	100	Clear	25000	4	2
DECOR LED SPIRAL FILAMENT GLOBE 125 18 GOLD DIM 3.5W 818 E27	4058075840201	18 W	E27	3.5	170	1800	80	150	125	Clear	25000	4	3
DECOR LED SPIRAL FILAMENT SQUARE 100 18 GOLD DIM 3.5W 818 E27	4058075840225	18 W	E27	3.5	170	1800	80	162	100	Clear	25000	4	4



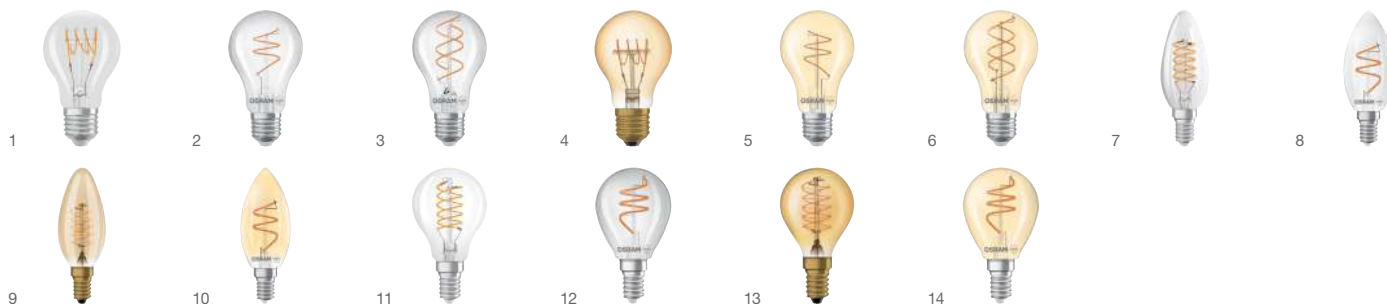
Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp. The product is exempt from the EU Energy Labelling Regulation (EU Directive 2019/2015)

VINTAGE 1906 LED CLASSIC A,B,P SLIM FILAMENT DIMMABLE

Dimmable LED lamps, vintage edition, classic, mini candle and mini-ball shapes with slim filament - style LED technology



PRODUCT FEATURES

- LED lamps for line voltage
- Lamp made of glass
- Lifetime up to 15,000 h
- Beam angle: up to 360°
- Dimmable
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity
- Can be used directly as luminaire
- Thinner filament, better decorative effect

PRODUCT BENEFITS

- Lower energy consumption than incandescent or halogen lamps
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lamps with innovative LED "slim-filament" technology
- Spiral slim-filament with $\varnothing 0.6$ mm
- Straight, long slim - filament width: minimum 0.7 mm

AREAS OF APPLICATION

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



Product name ³	GTIN (EAN)	W _{LED}	W	lm	K	CRI	L ₉₀ (h)	Ø d (mm)	Beam angle (°)	t ₉₀ (h)	Beam angle (°)	Beam angle (°)	Beam angle (°)
Vintage 1906 Classic A 40 Filament DIM 4.8W 827 Clear E27	4099854075643	40 W	E27	4.8	470	2700	80	105	60	Clear	15000	6	1
Vintage 1906 Classic A 40 Spiral Filament DIM 4.6W 922 Clear E27	4058075836587	40 W	E27	4.6	470	2200	90	110	60	Clear	15000	6	2
Vintage 1906 Classic A 60 Spiral Filament DIM 8W 922 Clear E27	4058075836624	60 W	E27	8	806	2200	90	110	60	Clear	15000	6	3
Vintage 1906 Classic A 35 Filament DIM 4.8W 822 Gold E27	4058075761452	35 W	E27	4.8	400	2200	80	105	60	Gold	15000	6	4
Vintage 1906 Classic A 40 Spiral Filament DIM 4.9W 927 Gold E27	4058075836600	40 W	E27	4.9	470	2700	90	110	60	Gold	15000	6	5
Vintage 1906 Classic A 60 Spiral Filament DIM 8W 922 Gold E27	4058075836648	60 W	E27	8	806	2200	90	110	60	Gold	15000	6	6
Vintage 1906 Classic B 40 Filament DIM 4.8W 827 Clear E14	4099854075728	40 W	E14	4.8	470	2700	80	97	35	Clear	15000	6	7
Vintage 1906 Classic B 28 Spiral Filament DIM 3.1W 927 Clear E14	4058075836709	28 W	E14	3.1	300	2700	90	98	35	Clear	15000	6	8
Vintage 1906 Classic B 25 Filament DIM 3.4W 822 Gold E14	4099854091612	25 W	E14	3.4	250	2200	80	97	35	Gold	15000	6	9
Vintage 1906 Classic B 28 Spiral Filament DIM 3.5W 922 Gold E14	4058075836723	28 W	E14	3.5	300	2200	90	98	35	Amber	15000	6	10
Vintage 1906 Classic P 40 Filament DIM 4.8W 827 Clear E14	4099854075742	40 W	E14	4.8	470	2700	80	78	45	Clear	15000	6	11
Vintage 1906 Classic P 40 Spiral Filament DIM 4.6W 927 Clear E14	4058075836747	40 W	E14	4.6	470	2700	90	80	45	Clear	15000	6	12
Vintage 1906 Classic P 25 Filament DIM 3.4W 822 Gold E14	4058075761438	25 W	E14	3.4	250	2200	80	78	45	Gold	15000	6	13
Vintage 1906 Classic P 40 Spiral Filament DIM 4.9W 922 Gold E14	4058075836761	40 W	E14	4.9	470	2200	90	80	45	Amber	15000	6	14



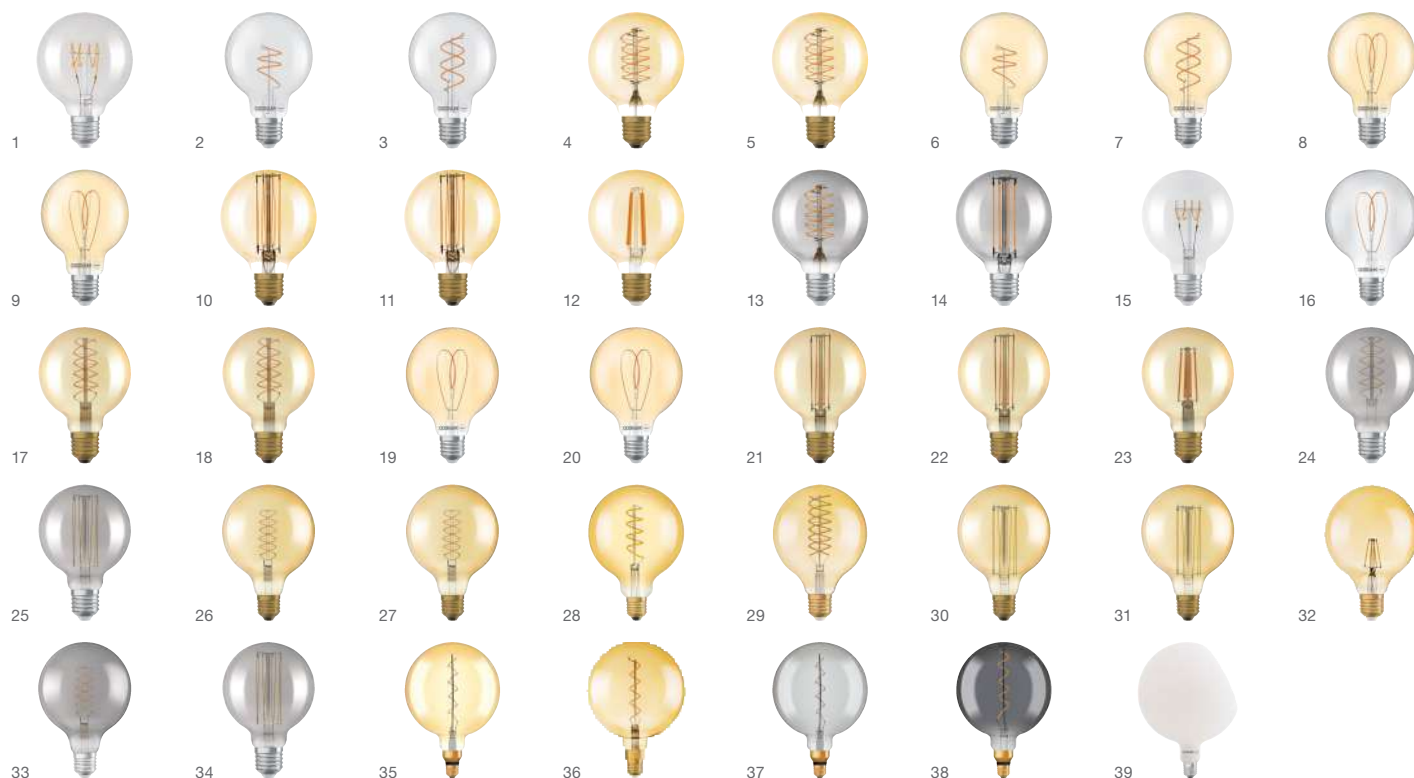
Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp. ⁴ www.nortecnica.pt

VINTAGE 1906 LED CLASSIC SLIM FILAMENT GLOBE DIMMABLE

Dimmable LED lamps, vintage edition, classic ball shape with slim filament - style LED technology



PRODUCT FEATURES

- LED lamps for line voltage
- Lamp made of glass
- Lifetime up to 15,000 h
- Beam angle: up to 360°
- Dimmable
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity
- Can be used directly as luminaire
- Thinner filament, better decorative effect

PRODUCT BENEFITS

- Lower energy consumption than incandescent or halogen lamps
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lamps with innovative LED "slim-filament" technology
- Spiral slim-filament with $\phi 0.6$ mm
- Straight, long slim - filament width: minimum 0.7 mm

AREAS OF APPLICATION

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



Product name ³	GTIN (EAN)	W _{2W}	W	Im	K	CRI	l (lm)	d (mm)	Light color	t ₉₀ ⁴	Beam angle	Beam diameter	No.
Vintage 1906 Globe 80 40 Filament DIM 4.8W 827 Clear E27	4099854 075704	40 W	E27	4.8	470	2700	80	120	80	Clear	15000	4	1
Vintage 1906 Globe 80 40 Spiral Filament DIM 4.6W 927 Clear E27	4058075 836785	40 W	E27	4.6	470	2700	90	123	80	Clear	15000	4	2
Vintage 1906 Globe 80 60 Spiral Filament DIM 7.2W 927 Clear E27	4058075 836808	60 W	E27	7.2	806	2700	90	123	80	Clear	15000	4	3
Vintage 1906 Globe 80 37 Filament DIM 4.8W 822 Gold E27	4099854 090806	37 W	E27	4.8	420	2200	80	120	80	Gold	15000	4	4
Vintage 1906 Globe 80 48 Filament DIM 7W 822 Gold E27	4099854 090820	48 W	E27	7	600	2200	80	120	80	Gold	15000	4	5
Vintage 1906 Globe 80 40 Spiral Filament DIM 4.9W 922 Gold E27	4058075 836822	40 W	E27	4.9	470	2200	90	123	80	Amber	15000	4	6
Vintage 1906 Globe 80 60 Spiral Filament DIM 8W 922 Gold E27	4058075 836846	60 W	E27	8	806	2200	90	123	80	Amber	15000	4	7
Vintage 1906 Globe 80 40 Heart Filament DIM 4.9W 922 Gold E27	4058075 836860	40 W	E27	4.9	470	2200	90	123	80	Amber	15000	4	8
Vintage 1906 Globe 80 60 Heart Filament DIM 8W 922 Gold E27	4058075 836884	60 W	E27	8	806	2200	90	123	80	Amber	15000	4	9
Vintage 1906 Globe 80 40 Filament DIM 5.8W 822 Gold E27	4099854 090844	40 W	E27	5.8	470	2200	80	120	80	Gold	15000	4	10
Vintage 1906 Globe 80 60 Filament DIM 8.8W 822 Gold E27	4099854 090943	60 W	E27	8.8	806	2200	80	120	80	Gold	15000	4	11
Vintage 1906 Globe 80 60 Filament DIM 7.2W 824 Gold E27	4099854 137860	60 W	E27	7.2	806	2400	80	115	80	Gold	15000	4	12
Vintage 1906 Globe 80 30 Filament DIM 7.8W 818 Smoke E27	4099854 090745	30 W	E27	7.8	360	1800	80	120	80	Smoke	15000	4	13
Vintage 1906 Globe 80 42 Filament DIM 11W 818 Smoke E27	4099854 090783	42 W	E27	11	500	1800	80	120	80	Smoke	15000	4	14
Vintage 1906 Globe 95 40 Filament DIM 4.8W 827 Clear E27	4099854 075681	40 W	E27	4.8	470	2700	80	138	95	Clear	15000	4	15
Vintage 1906 Globe 95 60 Heart Filament DIM 7.2W 927 Clear E27	4058075 836907	60 W	E27	7.2	806	2700	90	139	95	Clear	15000	4	16

Product name ³	GTIN (EAN)	W _{max}	W _{max}	W	lm	K	CRI	$\frac{l}{d}$ (mm)	$\varnothing$ (mm)		t _{in} ⁴			No.
Vintage 1906 Globe 95 37 Filament DIM 4.8W 822 Gold E27	4058075 761612	37 W	E27	4.8	420	2200	80	138	95	Gold	15000		4	17
Vintage 1906 Globe 95 48 Filament DIM 7W 822 Gold E27	4058075 761636	48 W	E27	7	600	2200	80	138	95	Gold	15000		4	18
Vintage 1906 Globe 95 40 Heart Filament DIM 4.9W 922 Gold E27	4058075 836921	40 W	E27	4.9	470	2200	90	139	95	Amber	15000		4	19
Vintage 1906 Globe 95 60 Heart Filament DIM 8W 922 Gold E27	4058075 836945	60 W	E27	8	806	2200	90	139	95	Amber	15000		4	20
Vintage 1906 Globe 95 40 Filament DIM 5.8W 822 Gold E27	4058075 761759	40 W	E27	5.8	470	2200	80	138	95	Gold	15000		4	21
Vintage 1906 Globe 95 60 Filament DIM 8.8W 822 Gold E27	4058075 761773	60 W	E27	8.8	806	2200	80	138	95	Gold	15000		4	22
Vintage 1906 Globe 95 55 Filament DIM 6.5W 824 Gold E27	4099854 132315	55 W	E27	6.5	725	2400	80	135	95	Gold	15000		4	23
Vintage 1906 Globe 95 30 Filament DIM 7.8W 818 Smoke E27	4058075 761216	30 W	E27	7.8	360	1800	80	138	95	Smoke	15000		4	24
Vintage 1906 Globe 95 42 Filament DIM 11W 818 Smoke E27	4058075 761353	42 W	E27	11	500	1800	80	138	95	Smoke	15000		4	25
Vintage 1906 Globe 125 37 Filament DIM 4.8W 822 Gold E27	4058075 761650	37 W	E27	4.8	420	2200	80	173	124	Gold	15000		4	26
Vintage 1906 Globe 125 48 Filament DIM 7W 822 Gold E27	4058075 761674	48 W	E27	7	600	2200	80	173	124	Gold	15000		4	27
Vintage 1906 Globe 28 Filament DIM 4W 820 Gold E27	4058075 270008	28 W	E27	4	300	2000	80	168	124	Gold	15000		4	28
Vintage 1906 Globe 60 Filament DIM 8.8W 824 Gold E27	4099854 137884	60 W	E27	8.4	806	2400	80	168	125	Gold	15000		4	29
Vintage 1906 Globe 125 40 Filament DIM 5.8W 822 Gold E27	4058075 761797	40 W	E27	5.8	470	2200	80	173	124	Gold	15000		4	30
Vintage 1906 Globe 125 60 Filament DIM 8.8W 822 Gold E27	4058075 761810	60 W	E27	8.8	806	2200	80	173	124	Gold	15000		4	31
Vintage 1906 Globe 55 Filament DIM 6.5W 824 Gold E27	4058075 808997	55 W	E27	6.5	725	2400	80	168	124	Gold	15000		4	32
Vintage 1906 Globe 125 30 Filament DIM 7.8W 818 Smoke E27	4058075 761254	30 W	E27	7.8	360	1800	80	173	124	Smoke	15000		4	33
Vintage 1906 Globe 125 42 Filament DIM 11W 818 Smoke E27	4058075 761391	42 W	E27	11	500	1800	80	173	124	Smoke	15000		4	34
Vintage 1906 Globe 200 33 Filament DIM 4.8W 822 Gold E27	4058075 761698	33 W	E27	4.8	400	2200	80	295	200	Gold	15000		4	35
Vintage 1906 Big Globe 28 Filament DIM 4W 820 Gold E27	4058075 269729	28 W	E27	4	300	2000	80	290	200	Gold	15000		4	36
Vintage 1906 Globe 200 16 Filament DIM 4.8W 818 Smoke E27	4058075 761278	16 W	E27	4.8	150	1800	80	295	200	Smoke	15000		4	37
Vintage 1906 Big Globe 15 Filament DIM 4W 818 Smoke E27	4058075 270046	15 W	E27	4	140	1800	80	290	200	Smoke	15000		4	38
Vintage 1906 Big Globe 200 60 DIM 7.3W 827 Frosted E27	4058075 836129	60 W	E27	7.3	806	2700	80	260	200	Frosted	15000		4	39



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

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility) | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency) | ⁶ This product is exempt from the EU Energy Labeling regulation (EU Directive 2019/2015)

VINTAGE 1906 LED CLASSIC SLIM FILAMENT EDISON DIMMABLE

Dimmable LED lamps, vintage edition, classic Edison bulb shape slim filament - style LED technology



PRODUCT FEATURES

- LED lamps for line voltage
- Lamp made of glass
- Lifetime up to 15,000 h
- Beam angle: up to 360°
- Dimmable
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity
- Can be used directly as luminaire
- Thinner filament, better decorative effect

PRODUCT BENEFITS

- Lower energy consumption than incandescent or halogen lamps
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Lamps with innovative LED "slim-filament" technology
- Spiral slim-filament with $\varnothing 0.6$ mm
- Straight, long slim - filament width: minimum 0.7 mm

AREAS OF APPLICATION

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



Product name ³	GTIN (EAN)	W _{LED}	E	W	lm	K	CRI	L ₉₀ (mm)	Ø (mm)	Light	t ₉₀ ⁴	Energy	Guarantee	No.
Vintage 1906 Edison 40 Filament DIM 4.8W 827 Clear E27	4099854075667	40 W	E27	4.8	470	2700	80	140	64	Clear	15000	5	4	1
Vintage 1906 Edison 60 Heart Filament DIM 7.2W 927 Clear E27	4058075836969	60 W	E27	7.2	806	2700	90	139	64	Clear	15000	5	4	2
Vintage 1906 Edison Spiral Filament DIM 2.8W 822 Gold E14	4058075849600	25 W	E14	2.8	250	2200	80	108	48	Gold	15000	5	6	3
NEW Vintage 1906 Edison Filament DIM 2.8W 822 GOLD E14	4058075849563	25 W	E14	2.8	250	2200	80	108	48	Gold	15000	5	6	4
NEW Vintage 1906 Edison 32 Spiral Filament DIM 4.8W 822 Gold E14	4058075849624	32 W	E14	4.8	360	2200	80	108	48	Gold	15000	5	6	5
NEW Vintage 1906 Edison 32 Filament DIM 4.8W 822 Gold E14	4058075849587	32 W	E14	4.8	360	2200	80	108	48	Gold	15000	5	6	6
Vintage 1906 Mini Edison ST 45 33 Filament DIM 4.8W 822 Gold E27	4058075779945	33 W	E27	4.8	360	2200	80	88	45	Gold	15000	5	6	7
Vintage 1906 Edison 37 Filament DIM 4.8W 822 Gold E27	4099854091025	37 W	E27	4.8	420	2200	80	140	64	Gold	15000	5	4	8
Vintage 1906 Edison 48 Filament DIM 7W 822 Gold E27	4099854091049	48 W	E27	7	600	2200	80	140	64	Gold	15000	5	4	9
Vintage 1906 Edison 28 Filament DIM 4W 820 Gold E27	4099854090103	28 W	E27	4	300	2000	80	143	64	Gold	15000	5	4	10
Vintage 1906 Edison 40 Filament DIM 5.8W 822 Gold E27	4099854091063	40 W	E27	5.8	470	2200	80	140	64	Gold	15000	5	4	11
Vintage 1906 Edison 60 Filament DIM 8.8W 822 Gold E27	4099854091087	60 W	E27	8.8	806	2200	80	140	64	Gold	15000	5	4	12
Vintage 1906 Edison 55 Filament DIM 6.5W 824 Gold E27	4099854081514	55 W	E27	6.5	725	2400	80	143	64	Gold	15000	5	4	13
Vintage 1906 Edison 40 Heart Filament DIM 4.9W 922 Gold E27	4058075836983	40 W	E27	4.9	470	2200	90	139	64	Amber	15000	5	4	14
Vintage 1906 Edison 60 Heart Filament DIM 8W 922 Gold E27	4058075837003	60 W	E27	8	806	2200	90	139	64	Amber	15000	5	4	15
Vintage 1906 Edison 60 Filament DIM 7.2W 824 Gold E27	4099854137822	60 W	E27	7.2	806	2400	80	143	64	Gold	15000	5	4	16
Vintage 1906 Edison 60 Filament DIM 8.8W 824 Gold E27	4099854137846	60 W	E27	8.8	806	2400	80	143	64	Gold	15000	5	4	17
Vintage 1906 Edison 30 Filament DIM 7.8W 818 Smoke E27	4099854090981	30 W	E27	7.8	360	1800	80	140	64	Smoke	15000	6	4	18
Vintage 1906 Edison 42 Filament DIM 11W 818 Smoke E27	4099854091001	42 W	E27	11	500	1800	80	140	64	Smoke	15000	6	4	19

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency) | ⁶ This product is exempt from the EU Energy Labeling Regulation (EU Directive 2019/2015)



Compatibility list also online: ledvance.com/compatibility

VINTAGE 1906 LED SPECIAL SHAPES

LED lamps, vintage edition, special bulb shape



Product name ³	GTIN (EAN)	w	W	lm	K	CRI	l (mm)	Ø (mm)	t _h ⁴	IP	AC	No.
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VINTAGE 1906 LED SPECIAL SHAPES DIMMABLE

Dimmable 1906 Vintage LED lamps with big special bulb shapes offering warm comfort and good quality light. Can be used as luminaire directly. Ideal for decorative indoor lighting. Glass LED lamps with "filament" technology, dimmable, lifetime up to 15,000 h, beam angle up to 360°, in various colors and shapes available.

Vintage 1906 Ballon 30 Filament DIM 4.8W 827 Clear E27	4058075 761919	30 W	E27	4.8	400	2700	80	270	170	Clear	15000		4	1
Vintage 1906 Ballon 10 Filament DIM 4.5W 816 Blue E27	4058075 761872	10 W	E27	4.5	100	1600	80	270	170	Blue	15000		4	2
Vintage 1906 Ballon 15 Filament DIM 4.5W 816 Pink E27	4058075 761896	15 W	E27	4.5	220	1600	80	270	170	Pink	15000		4	3
Vintage 1906 Ballon 60 DIM 7.3W 827 Frosted E27	4058075 836143	60 W	E27	7.3	806	2700	80	275	170	Frosted	15000		4	4
Vintage 1906 Globe 140 15 Filament DIM 4.5W 816 Smoke E27	4058075 760974	15 W	E27	4.5	150	1600	80	200	140	Smoke	15000		4	5
Vintage 1906 NEST 10 Filament DIM 4.8W 818 Smoke E27	4058075 761056	10 W	E27	4.8	100	1800	80	405	200	Smoke	15000		4	6
Vintage 1906 Globe ET 124 18 Filament DIM 4.5W 816 Green E27	4058075 761858	18 W	E27	4.5	180	1600	80	176	125	Green	15000		4	7
Vintage 1906 AW 15 Filament DIM 4W 818 Smoke E27	4058075 761018	15 W	E27	4	140	1800	80	400	193	Smoke	15000		4	8
Vintage 1906 Classic C 125 15 Filament DIM 4W 818 Smoke E27	4099854 090325	15 W	E27	4	140	1800	80	283	125	Smoke	15000		4	9
Vintage 1906 NEST 33 Filament DIM 4.8W 822 Gold E27	4058075 761834	33 W	E27	4.8	360	2200	80	405	200	Gold	15000		4	10
Vintage 1906 Big Apple 60 DIM 7.3W 827 Frosted E27	4058075 836204	60 W	E27	7.3	806	2700	80	180	135	Frosted	15000		4	11

VINTAGE 1906® LED SPECIAL SHAPES

1906 Vintage LED lamps in various unique bulb shapes with innovative "filament" technology. They offer warm comfort light and are ideal for decorative indoor lighting. Glass LED lamps with "filament" technology, lifetime up to 15,000 h, beam angle up to 300°, in two colors (gold, smoke) and in various shapes available.

Note: Technology remains up to 10000h beam angle up to 180° for the single globe, others are in various shapes available.														
Vintage 1906 Big Globe 220 15 Filament 4.5W 818 Smoke E27	4058075 836167	15 W	E27	4.5	150	1800	80	225	220	Smoke	15000 ⁴		4	12
Vintage 1906 Oval 40 Filament 4W 824 Gold E27	4099854 091117	40 W	E27	4	470	2400	80	156	75	Gold	15000		4	13
Vintage 1906 Big Oval 15 Filament Magnetic 4.5W 818 Smoke E27	4058075 836181	15 W	E27	4.5	150	1800	80	270	170	Smoke	15000 ⁴		4	14
Vintage 1906 Big Globe 40 Filament Pine 4W 824 Gold E27	4058075 092037	40 W	E27	4	470	2400	80	168	125	Gold	15000 ⁴		4	15
Vintage 1906 Edison 40 Filament Diamond 4W 824 Gold E27	4058075 091955	40 W	E27	4	470	2400	80	142	110	Gold	15000 ⁴		4	16



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency) | ⁶ This product is exempt from the EU Energy Labeling regulation (EU Directive 2019/2015)

VINTAGE 1906 LED SPECIAL SHAPES DIMMABLE

Dimmable LED lamps, vintage edition, special bulb shape



PRODUCT FEATURES

- LED lamps for line voltage
- Lamp made of glass
- Lifetime up to 15,000 h
- Beam angle: up to 360°
- Dimmable
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity
- Can be used directly as luminaire

PRODUCT BENEFITS

- Lower energy consumption than incandescent or halogen lamps
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Available in various bulb shapes and diameters

AREAS OF APPLICATION

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



Product name ³	GTIN (EAN)	W _{LED}	W	lm	K	CRI	I _{lm}	Ø d (mm)	h (mm)	t _h ⁴	Energy efficiency class ⁵	Beam angle ⁶	Year
Vintage 1906 T26 25 Spiral Filament DIM 2.8W 822 Gold E14	4058075849662	25 W	E14	2.8	250	2200	80	80	25	Gold	15000	6	1
Vintage 1906 T26 25 Filament DIM 2.8W 822 Gold E14	4058075849648	25 W	E14	2.8	250	2200	80	63	26	Gold	15000	6	2
Vintage 1906 T28 25 Filament DIM 2.8W 822 Gold E14	4058075849747	25 W	E14	2.8	250	2200	80	125	28	Gold	15000	6	3
Vintage 1906 T26 36 Spiral Filament DIM 4.8W 822 Gold E14	4058075849686	36 W	E14	4.8	420	2200	80	80	25	Gold	15000	6	4
Vintage 1906 T26 40 Filament DIM 4.8W 822 Gold E14	4058075849709	40 W	E14	4.8	470	2200	80	80	25	Gold	15000	6	5
Vintage 1906 T28 36 Filament DIM 4.8W 822 Gold E14	4058075849761	36 W	E14	4.8	420	2200	80	125	28	Gold	15000	6	6
Vintage 1906 Tubular 40 Filament DIM 4.8W 822 Gold E27	4099854091803	40 W	E27	4.8	470	2200	80	165	32	Gold	15000	4	7
Vintage 1906 Edison 28 Filament Big Grape DIM 4W 820 Gold E27	4058075269705	28 W	E27	4	300	2000	80	290	160	Gold	15000	4	8
Vintage 1906 Edison 15 Filament Big Grape DIM 4W 818 Smoke E27	4058075270022	15 W	E27	4	140	1800	80	290	160	Smoke	15000	4	9
Vintage 1906 Globe ET 165 15 Filament DIM 4.5W 817 Smoke E27	4058075760998	15 W	E27	4.5	150	1700	80	270	165	Smoke	15000	4	10
Vintage 1906 Big Grape 60 DIM 7.3W 827 Frosted E27	4058075836228	60 W	E27	7.3	806	2700	80	285	160	Frosted	15000	4	11



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

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility) | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp | ⁴ L70/B50 | ⁵ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency) | ⁶ This product is exempt from the EU Energy Labeling regulation (EU Directive 2019/2015)

VINTAGE 1906 LED

LED lamps, vintage edition



Product name ²	GTIN (EAN)	w2w	W	lm	K	CRI	$\frac{l}{\phi}$ (mm)	ϕ d (mm)	Light bulb icon	tm ³	Icon of a box	Icon of a light bulb with a checkmark
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VINTAGE 1906® LED CLASSIC A

1906 Vintage LED classic lamps with innovative "filament" technology. They offer warm comfort light and are ideal for decorative indoor lighting. Glass LED lamps with "filament" technology, lifetime up to 15,000 h, beam angle up to 330°, in three colors (clear, gold, smoke) and in various filament styles available.



Vintage 1906 Classic A 40 Spiral Filament 3.4W 827 Clear E27	4058075836686	40 W	E27	3.4	470	2700	80	110	60	Clear	15000		6	1
Vintage 1906 Classic A 60 Spiral Filament 5.9W 827 Clear E27	4058075836662	60 W	E27	5.9	806	2700	80	110	60	Clear	15000		6	2
Vintage 1906 Classic A 40 Spiral Filament 4.9W 927 Gold E27	4058075836525	40 W	E27	4.9	470	2200	90	110	60	Gold	15000		6	3
Vintage 1906 Classic A 22 Filament 2.5W 824 Gold E27	4058075293199	22 W	E27	2.5	220	2400	80	105	60	Gold	15000		6	4
Vintage 1906 Classic A 35 Filament 4W 824 Gold E27	4058075293090	35 W	E27	4	410	2400	80	105	60	Gold	15000		6	5
Vintage 1906 Classic A 50 Filament 6.5W 824 Gold E27	4058075293298	50 W	E27	6.5	650	2400	80	105	60	Gold	15000		6	6
Vintage 1906 Classic A 63 Filament 7.5W 824 Gold E27	4058075293359	63 W	E27	7.5	865	2400	80	105	60	Gold	15000		6	7
Vintage 1906 Classic A 10 Filament 3.4W 818 Smoke E27	4058075760912	10 W	E27	3.4	100	1800	80	105	60	Smoke	15000	⁵	6	8
Vintage 1906 Edison 28 Filament Big Grape 4W 820 Gold E27	4058075091993	28 W	E27	4	300	2000	80	290	160	Gold	15000		4	9
Vintage 1906 Edison 15 Filament Big Grape 4W 818 Smoke E27	4058075269903	15 W	E27	4	140	1800	80	290	160	Smoke	15000	⁵	4	10

VINTAGE 1906® LED CLASSIC B

1906 Vintage LED candle lamps with innovative "filament" technology. They offer warm comfort light and are ideal for decorative indoor lighting. Glass LED lamps with "filament" technology, lifetime up to 15,000 h, beam angle up to 300°, in color gold and in various shapes and filament styles available.



Vintage 1906 Classic B 12 Filament 1.5W 824 Gold E14	4099854091599	12 W	E14	1.5	120	2400	80	100	35	Gold	15000 ³		6	11
Vintage 1906 Classic B 22 Filament 2.5W 824 Gold E14	4099854091575	22 W	E14	2.5	220	2400	80	100	35	Gold	15000 ³		6	12
Vintage 1906 Classic B 35 Filament 4W 824 Gold E14	4099854091476	35 W	E14	4	410	2400	80	100	35	Gold	15000 ³		6	13
Vintage 1906 Classic BA 12 Filament 1.5W 824 Gold E14	4099854091551	12 W	E14	1.5	120	2400	80	121	35	Gold	15000		10	14
Vintage 1906 Classic BA 22 Filament 2.5W 824 Gold E14	4099854091537	22 W	E14	2.5	220	2400	80	121	35	Gold	15000 ³		10	15
Vintage 1906 Classic BW 12 Filament 1.5W 824 Gold E14	4099854091513	12 W	E14	1.5	120	2400	80	100	35	Gold	15000 ³		6	16
Vintage 1906 Classic BW 22 Filament 2.5W 824 Gold E14	4099854091490	22 W	E14	2.5	220	2400	80	100	35	Gold	15000 ³		6	17

VINTAGE 1906® LED CLASSIC P

1906 Vintage LED mini ball lamps with innovative "filament" technology. They offer warm comfort light and are ideal for decorative indoor lighting. Glass LED lamps with "filament" technology, lifetime up to 15,000 h, beam angle up to 300°, in color gold and in various filament styles available.



Vintage 1906 Classic P 40 Spiral Filament 4.9W 922 Gold E14	4058075836563	40 W	E14	4.9	470	2200	90	80	45	Gold	15000		6	18
Vintage 1906 Classic P 22 Filament 2.5W 824 Gold E14	4058075290815	22 W	E14	2.5	220	2400	80	77	45	Gold	15000		6	19
Vintage 1906 Classic P 35 Filament 4W 824 Gold E14	4058075293496	35 W	E14	4	410	2400	80	77	45	Gold	15000		6	20

VINTAGE 1906® LED CLASSIC GLOBE

1906 Vintage LED classic ball lamps with innovative "filament" technology. They offer warm comfort light and are ideal for decorative indoor lighting. Glass LED lamps with "filament" technology, lifetime up to 15,000 h, beam angle up to 330°, in two colors (gold, smoke) and in various filament styles available.



Vintage 1906 Globe 95 40 Spiral Filament 3.4W 827 Gold E27	4058075836549	40 W	E27	3.4	470	2700	80	139	95	Gold	15000		4	21
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Product name ²	GTIN (EAN)													
Vintage 1906 Globe 95 10 Filament 3.4W 818 Smoke E27	4058075 760950	10 W	E27	3.4	100	1800	80	138	95	Smoke	15000 ⁵		4	22
Vintage 1906 Globe 28 Filament 4W 820 Gold E27	4058075 092136	28 W	E27	4	300	2000	80	168	124	Gold	15000		4	23
Vintage 1906 Globe 22 Filament 2.5W 824 Gold E27	4058075 808980	22 W	E27	2.5	220	2400	80	168	124	Gold	15000		4	24
Vintage 1906 Globe 35 Filament 4W 824 Gold E27	4099854 091179	35 W	E27	4	410	2400	80	168	124	Gold	15000		4	25
Vintage 1906 Globe 52 Filament 6.5W 824 Gold E27	4058075 809406	52 W	E27	6.5	720	2400	80	168	124	Gold	15000		4	26
Vintage 1906 Globe 15 Filament 4W 818 Smoke E27	4058075 269989	15 W	E27	4	140	1800	80	168	124	Smoke	15000 ⁵		4	27
Vintage 1906 Big Globe 28 Filament 4W 820 Gold E27	4058075 092013	28 W	E27	4	300	2000	80	290	200	Gold	15000		4	28
Vintage 1906 Big Globe 15 Filament 4W 818 Smoke E27	4058075 269927	15 W	E27	4	140	1800	80	290	200	Smoke	15000 ⁵		4	29

VINTAGE 1906® LED EDISON

1906 Vintage LED Edison lamps with innovative "filament" technology in retro design. They offer warm comfort light and are ideal for decorative indoor lighting. Glass LED lamps with "filament" technology, lifetime up to 15,000 h, beam angle up to 330°, in three colors (clear, gold, smoke) and in various filament styles available.



Vintage 1906 Edison 40 Spiral Filament 3.4W 827 Clear E27	4058075 837027	40 W	E27	3.4	470	2700	80	139	64	Clear	15000 ³		4	30
Vintage 1906 Edison 28 Filament 4W 820 Gold E27	4099854 091292	28 W	E27	4	300	2000	80	143	64	Gold	15000 ³		4	31
Vintage 1906 Edison 22 Filament 2.5W 824 Gold E27	4099854 091339	22 W	E27	2.5	220	2400	80	143	64	Gold	15000 ³		4	32
Vintage 1906 Edison 35 Filament 4W 824 Gold E27	4099854 091377	35 W	E27	4	410	2400	80	143	64	Gold	15000		4	33
Vintage 1906 Edison 10 Filament 3.4W 818 Smoke E27	4099854 091353	10 W	E27	3.4	100	1800	80	140	64	Smoke	15000 ⁵		4	34
Vintage 1906 Edison 15 Filament 4W 818 Smoke E27	4099854 091315	15 W	E27	4	140	1800	80	143	64	Smoke	15000 ³		4	35

VINTAGE 1906® LED SPECIAL SHAPES

1906 Vintage LED lamps in various unique bulb shapes with innovative "filament" technology. They offer warm comfort light and are ideal for decorative indoor lighting. Glass LED lamps with "filament" technology, lifetime up to 15,000 h, beam angle up to 300°, in two colors (gold, smoke) and in various shapes available.



NEW Vintage 1906 LED T26 5 Filament 1.6W 824 Gold E14	4058075 849723	5 W	E14	1.6	50	2400	80	63	26	Gold	15000 ³		6	36
Vintage 1906 Tubular 20 Filament 2.5W 820 Gold E27	4099854 091858	20 W	E27	2.5	200	2000	80	127	32	Gold	15000		4	37
Vintage 1906 Tubular 35 Filament 4W 820 Gold E27	4099854 091889	35 W	E27	4	400	2000	80	185	32	Gold	15000 ³		4	38

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² All technical parameters apply to the entire lamp | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency) | ⁵ This product is exempt from the EU Energy Labelling Regulation (EU Directive 2019/2015)

www.nortecnica.pt

VINTAGE 1906 LED CLASSIC A, GLOBE AND EDISON WITH FILAMENT-MAGNETIC STYLE

LED lamps, decorative classic bulb, Edison and classic ball shapes with filament-magnetic technology



PRODUCT FEATURES

- Lifetime up to 15,000 h
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity
- Lamp made of glass
- Available with color temperature: 2700 K, 1800 K
- Pleasant light: Warm white comfort light color

PRODUCT BENEFITS

- Lower energy consumption than incandescent or halogen lamps
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Type of protection: IP20, Ideal for indoor use
- Decorative lamps with innovative LED "filament-magnetic" technology

AREAS OF APPLICATION

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



Product name ²	GTIN (EAN)	W _A W	W	lm	K	CRI	I (lm)	Ø (mm)	Light	t _{in} ³	Energy efficiency class ⁴	RoHS	LEDVANCE
Vintage 1906 Classic A 8 Filament Magnetic 1.8W 827 Gold E27	4099854049996	8 W	E27	1.8	80	2700	80	105	60	Gold	15000	A	1
Vintage 1906 Classic A 10 Filament Magnetic 1.8W 827 Clear E27	4099854049972	10 W	E27	1.8	100	2700	80	105	60	Clear	15000	A	2
Vintage 1906 Classic A 4 Filament Magnetic 1.8W 818 Smoke E27	4099854050015	4 W	E27	1.8	40	1800	80	105	60	Smoke	15000	B	3
Vintage 1906 Globe 95 12 Filament Magnetic 2.2W 827 Gold E27	4099854049934	12 W	E27	2.2	120	2700	80	138	95	Gold	15000	A	4
Vintage 1906 Globe 95 16 Filament Magnetic 2.2W 827 Clear E27	4099854049910	16 W	E27	2.2	150	2700	80	138	95	Clear	15000	A	5
Vintage 1906 Globe 95 6 Filament Magnetic 2.2W 818 Smoke E27	4099854049958	6 W	E27	2.2	60	1800	80	138	95	Smoke	15000	B	6
Vintage 1906 Edison 12 Filament Magnetic 2.2W 827 Gold E27	4099854049873	12 W	E27	2.2	120	2700	80	140	64	Gold	15000	A	7
Vintage 1906 Edison 16 Filament Magnetic 2.2W 827 Clear E27	4099854049859	16 W	E27	2.2	150	2700	80	140	64	Clear	15000	A	8
Vintage 1906 Edison 6 Filament Magnetic 2.2W 818 Smoke E27	4099854049897	6 W	E27	2.2	60	1800	80	140	64	Smoke	15000	B	9

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² All technical parameters apply to the entire lamp | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency) | ⁵ This product is exempt from the EU Energy Labelling Regulation (EU Directive 2019/2015)

www.nortecnica.pt

VINTAGE 1906 LED DECORATIVE BULB WITH FILAMENT-MAGNETIC STYLE DIMMABLE

Dimmable LED lamps, decorative bulbs with filament-magnetic technology



PRODUCT FEATURES

- Lifetime up to 15,000 h
- Good quality of light; color rendering index $R_a \geq 80$; constant chromaticity
- Lamp made of plastic
- Pleasant light: Warm white comfort light color
- Can be used directly as luminaire
- Dimmable

PRODUCT BENEFITS

- Very low energy consumption
- Instant 100 % light, no warm-up time
- Can be easily fitted instead of ordinary light bulbs
- Type of protection: IP20, Ideal for indoor use
- Decorative lamps with innovative LED "filament-magnetic" technology
- Available in various bulb shapes and diameters

AREAS OF APPLICATION

- Perfect for decorative installations
- Domestic applications
- General illumination



Product name ³	GTIN (EAN)	W	E27	W	lm	K	CRI	I (lm)	Ø (mm)	Light color	t _h (h)	4	1
Vintage 1906 Big Elipse 6 Magnetic DIM 4W 818 Smoke E27	4058075836440	6 W	E27	4	60	1800	80	165	215	Smoke	15000	4	1
Vintage 1906 Big Elipse 12 Magnetic DIM 4W 818 Tea Brown E27	4058075836365	12 W	E27	4	120	1800	80	165	215	TEA BROWN	15000	4	2
Vintage 1906 Big Oval 10 Magnetic DIM 4.8W 818 Smoke E27	4058075836464	10 W	E27	4.8	100	1800	80	237	187	Smoke	15000	4	3
Vintage 1906 Big Oval 20 Magnetic DIM 4.8W 818 Tea Brown E27	4058075836389	20 W	E27	4.8	200	1800	80	237	187	TEA BROWN	15000	4	4
Vintage 1906 Big Elipse Oval 10 Magnetic DIM 4.8W 818 Smoke E27	4058075836488	10 W	E27	4.8	100	1800	80	280	145	Smoke	15000	4	5
Vintage 1906 Big Elipse Oval 20 Magnetic DIM 4.8W 818 Tea Brown E27	4058075836402	20 W	E27	4.8	200	1800	80	280	145	TEA BROWN	15000	4	6
Vintage 1906 Big Globe 200 10 Magnetic DIM 4.8W 818 Smoke E27	4058075836501	10 W	E27	4.8	100	1800	80	260	200	Smoke	15000	4	7
Vintage 1906 Big Globe 200 20 Magnetic DIM 4.8W 818 Tea Brown E27	4058075836426	20 W	E27	4.8	200	1800	80	260	200	TEA BROWN	15000	4	8



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp. The product is exempt from the EU Energy Labelling Regulation (EU Directive 2019/2015)

VINTAGE 1906 LED BIG DECORATIVE BULB WITH FILAMENT-MAGNETIC STYLE DIM/NON-DIM

Dimmable and non-dimmable LED lamps, decorative big bulbs with filament-magnetic technology



Product name ³	GTIN (EAN)	WΔW	W	lm	K	CRI	l [mm]	Ø d [mm]	Light bulb icon	t _h ⁴	5	6	No.
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VINTAGE 1906 LED BIG DECORATIVE BULB WITH FILAMENT-MAGNETIC STYLE DIMMABLE

Dimmable big decorative LED lamps with innovative "filament-magnetic" design. They offer warm comfort light and can be used directly as luminaire. Ideal for decorative indoor lighting. LED lamps with "filament-magnetic" technology, dimmable, lifetime up to 15,000 h, plastic design, no filament holder, in two colors (amber, smoke) and in various bulb shapes available.



Vintage 1906 Big Elipse 42 Magnetic DIM 12W 818 Amber E27	4058075836242	42 W	E27	12	500	1800	80	210	300	Amber	15000	4	1
Vintage 1906 Big Elipse 32 Magnetic DIM 12W 818 Smoke E27	4058075836303	32 W	E27	12	350	1800	80	210	300	Smoke	15000	4	2
Vintage 1906 Big Oval 45 Magnetic DIM 12W 818 Amber E27	4058075836266	45 W	E27	12	550	1800	80	300	250	Amber	15000	4	3
Vintage 1906 Big Oval 35 Magnetic DIM 12W 818 Smoke E27	4058075836327	35 W	E27	12	400	1800	80	300	250	Smoke	15000	4	4
Vintage 1906 Big Elipse Oval 42 Magnetic DIM 12W 818 Amber E27	4058075836280	42 W	E27	12	500	1800	80	370	200	Amber	15000	4	5
Vintage 1906 Big Elipse Oval 28 Magnetic DIM 12W 818 Smoke E27	4058075836341	28 W	E27	12	300	1800	80	370	200	Smoke	15000	4	6
Vintage 1906 Big Ball 45 Spiral Filament Magnetic 12W 818 Amber E27	4099854552007	45 W	E27	12	550	1800	80	320	280	Clear amber	15000	2	7
Vintage 1906 Big Ball 35 Spiral Filament Magnetic 12W 818 Smoke E27	4099854552021	35 W	E27	12	400	1800	80	320	280	Clear smoke	15000	2	8

VINTAGE 1906® LED BIG DECORATIVE BULB WITH FILAMENT-MAGNETIC STYLE

Big decorative LED lamps with innovative "filament-magnetic" design. They offer warm comfort light and can be used directly as luminaire. Ideal for decorative indoor lighting. LED lamps with "filament-magnetic" technology, lifetime up to 15,000 h, plastic design, no filament holder, in two colors (amber, smoke) and in various bulb shapes available.



Vintage 1906 Big Elipse 12 Filament Magnetic 2.5W 827 Amber E27	4099854173806	12 W	E27	2.5	120	2700	80	210	300	Amber	15000	4	9
Vintage 1906 Big Elipse 6 Filament Magnetic 4W 818 Smoke E27	4099854173929	6 W	E27	4	60	1800	80	210	300	Smoke	15000	4	10
Vintage 1906 Big Oval 25 Filament Magnetic 3.4W 827 Amber E27	4099854173844	25 W	E27	3.4	250	2700	80	300	250	Amber	15000	4	11
Vintage 1906 Big Oval 10 Filament Magnetic 4W 818 Smoke E27	4099854173943	10 W	E27	4	100	1800	80	300	250	Smoke	15000	4	12
Vintage 1906 Big Elipse Oval 27 Filament Magnetic 4W 827 Amber E27	4099854173882	27 W	E27	4	280	2700	80	370	200	Amber	15000	4	13
Vintage 1906 Big Elipse Oval 12 Filament Magnetic 4W 818 Smoke E27	4099854173981	12 W	E27	4	120	1800	80	370	200	Smoke	15000	4	14



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp | ⁴ L70/B50 | ⁵ This product is exempt from the EU Energy Labelling Regulation (EU Directive 2019/2015) | ⁶ Energy efficiency class (EEC) on a scale from A (highest efficiency) to G (lowest efficiency)

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VINTAGE 1906 LED CLASSIC GLOBE O - SHAPE FILAMENT

Dimmable LED lamps, Vintage edition classic ball with O - Filament shape



PRODUCT FEATURES

- Dimmable (with many common dimmers, see also www.osram-lamps.com/dim)
- Pleasant light: Warm white comfort light color
- Lifetime up to 25,000 h
- Rotation angle luminaire head: 180°
- Can be used directly as luminaire

PRODUCT BENEFITS

- Lamps with innovative LED "filament" technology
- Instant 100 % light, no warm-up time
- Type of protection: IP20, Ideal for indoor use

AREAS OF APPLICATION

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



Product name ²	GTIN (EAN)	W _{LED}	Base	W	lm	K	CRI	h (mm)	Ø d (mm)	Color	t ₉₀ ³	No. of LEDs	No.
Vintage 1906 Globe 80 Filament O Lamp DIM 4W 818 Gold E27	4058075846067	22 W	E27	4	220	1800	≥80	120	80	Gold	25000	6	1
Vintage 1906 Globe 80 Filament O Lamp DIM 4W 818 Smoke E27	4058075846142	12 W	E27	4	110	1800	≥80	120	80	Smoke	25000	6	2
Vintage 1906 Globe 100 Filament O Lamp DIM 4W 818 Gold E27	4058075846005	22 W	E27	4	220	1800	≥80	189	100	Gold	25000	4	3
Vintage 1906 Globe 100 Filament O Lamp DIM 4W 818 Smoke E27	4058075846081	12 W	E27	4	110	1800	≥80	189	100	Smoke	25000	4	4
Vintage 1906 Globe 130 Filament O Lamp DIM 4W 818 Gold E27	4058075846029	22 W	E27	4	220	1800	≥80	171	130	Gold	25000	4	5
Vintage 1906 Globe 130 Filament O Lamp DIM 4W 818 Smoke E27	4058075846104	12 W	E27	4	110	1800	≥80	171	130	Smoke	25000	4	6
Vintage 1906 Globe 183 Filament O Lamp DIM 4W 818 Gold E27	4058075846043	22 W	E27	4	220	1800	≥80	232	183	Gold	25000	4	7
Vintage 1906 Globe 183 Filament O Lamp DIM 4W 818 Smoke E27	4058075846128	12 W	E27	4	110	1800	≥80	232	183	Smoke	25000	4	8



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Refer to www.ledvance.com for detailed technical conditions | ² All technical parameters apply to the entire lamp | ³ L70/B50

LED CLASSIC A/P MIRROR

LED lamps, classic and mini-bulb shape with mirror bulb crown



Product name ²	GTIN (EAN)	W	lm	K	CRI	I (lm/W)	d (mm)		t _h ³	⁴		No.
LED CLASSIC A MIRROR P												
Innovative LED filament classic lamps with a mirror crown have a lower energy consumption than halogen lamps. Ideal for decorative and mirror lighting applications. Glass LED lamps with silver coated bulb crown, lifetime up to 15,000 h, good CRI ≥ 80, "filament" technology, beam angle up to 300°, outdoor use in suitable luminaires.												
LED Classic A 50 Filament Mirror P 6.5W 827 Silver E27	4099854062742	50 W	E27	6.5	650	2700	80	105	60	Mirror Silver	15000	1
LED CLASSIC P MIRROR P												
Innovative LED filament mini ball lamps with a mirror crown have a lower energy consumption than halogen lamps. Ideal for decorative and mirror lighting applications. Glass LED lamps with silver coated bulb crown, lifetime up to 15,000 h, good CRI ≥ 80, "filament" technology, beam angle up to 300°, outdoor use in suitable luminaires.												
LED Classic P 31 Filament Mirror P 4W 827 Silver E14	4099854070037	31 W	E14	4	350	2700	80	77	45	Mirror Silver	15000	2

LED CLASSIC LAMPS FROSTED

LED lamps with CRI 97, classic bulb, mini-bulb and candle shape with reduced blue component types



Product name ²		GTIN (EAN)	W	lm	K	CRI	°	Ø d (mm)	t _h	³	⁴	IP	5
LED CLASSIC A LAMPS FROSTED S													
LED Classic A 40 S 4.9W 927 Frosted E27	4099854075407	40 W	E27	4.9	470	2700	97	180	60	Frosted	30000	10	1
NEW LED Classic A 60 S 9.4W 927 Frosted E27	4099854075421	60 W	E27	9.4	806	2700	97	180	60	Frosted	30000	10	1
LED CLASSIC B LAMPS FROSTED S													
NEW LED Classic B 25 S 2.9W 927 Frosted E14	4099854075445	25 W	E14	2.9	250	2700	97	200	37	Frosted	30000	10	2
NEW LED Classic B 40 S 4.9W 927 Frosted E14	4099854075469	40 W	E14	4.9	470	2700	97	200	37	Frosted	30000	10	2
LED CLASSIC P LAMPS FROSTED S													
LED Classic P 40 S 4.9W 927 Frosted E14	4099854075483	40 W	E14	4.9	470	2700	97	180	45	Frosted	30000	10	3

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² All technical parameters apply to the entire lamp | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to D (lowest efficiency)

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LED CLASSIC LAMPS FOR FACILITIES

Professional LED lamps for facilities AC/DC



Product name ²	GTIN (EAN)																			
LED CLASSIC A LAMPS FOR FACILITIES S																				
LED Classic A 60 Facility S 7W 827 Frosted E27	4099854044151	60 W	E27	7	806	2700	80	108	60	Frosted	25000		10	1						
LED Classic A 60 Facility S 7W 840 Frosted E27	4099854044175	60 W	E27	7	806	4000	80	108	60	Frosted	25000		10	1						
LED Classic A 75 Facility S 9W 827 Frosted E27	4099854044199	75 W	E27	9	1055	2700	80	112	60	Frosted	25000		10	1						
LED Classic A 75 Facility S 9W 840 Frosted E27	4099854044212	75 W	E27	9	1055	4000	80	112	60	Frosted	25000		10	1						
LED CLASSIC B LAMPS FOR FACILITIES S																				
LED Classic B 60 Facility S 7.3W 827 Frosted E14	4099854086342	60 W	E14	7.3	806	2700	80	107	37	Frosted	25000		10	2						
LED Classic B 60 Facility S 7.3W 840 Frosted E14	4099854086366	60 W	E14	7.3	806	4000	80	107	37	Frosted	25000		10	2						

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² All technical parameters apply to the entire lamp | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED CLASSIC A/B/P DIM/NON-DIM

Dimmable and non-dimmable LED lamps, classic bulb, mini-bulb and candle shape



Product name ³		GTIN (EAN)															
																	
LED CLASSIC A DIM P																	
LED Classic A 60 DIM P 8.8W 827 Frosted E27		4099854043970	60 W	E27	8.8	806	2700	80	106	60	Frosted	25000		10	1		
LED Classic A 75 DIM P 10.5W 827 Frosted E27		4099854043994	75 W	E27	10.5	1055	2700	80	110	60	Frosted	25000		10	1		
LED Classic A 100 DIM P 14W 827 Frosted E27		4099854044014	100 W	E27	14	1521	2700	80	118	60	Frosted	25000		10	1		
LED Classic A 150 DIM P 20W 827 Frosted E27		4099854044038	150 W	E27	20	2452	2700	80	137	70	Frosted	25000		10	1		
																	
LED CLASSIC B DIM P																	
LED Classic B 40 DIM P 4.9W 827 Frosted E14		4099854044052	40 W	E14	4.9	470	2700	80	100	35	Frosted	25000		10	2		
																	
LED CLASSIC P DIM P																	
LED Classic P 40 DIM P 4.9W 827 Frosted E14		4099854044083	40 W	E14	4.9	470	2700	80	82	45	Frosted	25000		10	3		
																	
LED CLASSIC A P																	
LED Classic A 40 P 4.9W 827 Frosted E27		4099854049460	40 W	E27	4.9	470	2700	80	105	59	Frosted	15000		10	4		
LED Classic A 40 P 4.9W 840 Frosted E27		4099854049538	40 W	E27	4.9	470	4000	80	105	59	Frosted	15000		10	4		
LED Classic A 60 P 8W 827 Frosted E27		4099854049088	60 W	E27	8	806	2700	80	105	59	Frosted	15000		10	4		
LED Classic A 60 P 8W 827 Frosted B22d		4099854049101	60 W	B22d	8	806	2700	80	104	59	Frosted	15000		10	4		
LED Classic A 60 P 8W 830 Frosted E27		4099854485534	60 W	E27	8	806	3000	80	105	59	Frosted	15000		10	4		
LED Classic A 60 P 8W 840 Frosted E27		4099854049149	60 W	E27	8	806	4000	80	105	59	Frosted	15000		10	4		
LED Classic A 75 P 10W 827 Frosted E27		4099854048821	75 W	E27	10	1055	2700	80	113	60	Frosted	15000		10	4		
LED Classic A 75 P 10W 830 Frosted E27		4099854485558	75 W	E27	10	1055	3000	80	113	60	Frosted	15000		10	4		
LED Classic A 75 P 10W 840 Frosted E27		4099854048869	75 W	E27	10	1055	4000	80	113	60	Frosted	15000		10	4		
LED Classic A 100 P 13W 827 Frosted E27		4099854048944	100 W	E27	13	1521	2700	80	118	60	Frosted	15000		10	4		
LED Classic A 100 P 13W 830 Frosted E27		4099854485572	100 W	E27	13	1521	3000	80	118	60	Frosted	15000		10	4		
LED Classic A 100 P 13W 840 Frosted E27		4099854048968	100 W	E27	13	1521	4000	80	118	60	Frosted	15000		10	4		
LED Classic A 150 P 19W 827 Frosted E27		4099854048784	150 W	E27	19	2452	2700	80	147	75	Frosted	15000		10	4		
																	
LED CLASSIC B P																	
LED Classic B 40 P 4.9W 827 Frosted E14		4099854049309	40 W	E14	4.9	470	2700	80	100	37	Frosted	15000		10	5		
																	
LED CLASSIC P P																	
LED Classic P 40 P 4.9W 827 Frosted E14		4099854049385	40 W	E14	4.9	470	2700	80	79	45	Frosted	15000		10	6		



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp | ⁴ www.ledvance.com/compatibility

LED CLASSIC STICK

LED lamps, classic stick shape



Product name ²	GTIN (EAN)	W	W	W	lm	K	CRI	L (mm)	Ø (mm)	Light bulb icon	t _h ³	4	5	Light bulb icon
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LED CLASSIC STICK P															
LED Classic Stick 60 P 8.5W 827 Frosted E27	4099854057113	60 W	E27	8.5	806	2700	80	118	37	Frosted	15000		10	1	
LED Classic Stick 60 P 8.5W 840 Frosted E27	4099854057151	60 W	E27	8.5	806	4000	80	118	37	Frosted	15000		10	1	
LED Classic Stick 75 P 9.5W 827 Frosted E27	4099854057175	75 W	E27	9.5	1055	2700	80	118	37	Frosted	15000		10	1	
LED Classic Stick 75 P 9.5W 840 Frosted E27	4099854057250	75 W	E27	9.5	1055	4000	80	118	37	Frosted	15000		10	1	

LED CLASSIC STICK P																
NEW	LED STICK 95 11W 11W 827 FROSTED E27	4099854483837	95 W	E27	11	1470	2700	80	117	40	Frosted	15000		10	2	
NEW	LED STICK 95 11W 11W 840 FROSTED E27	4099854483851	95 W	E27	11	1470	4000	80	117	40	Frosted	15000		10	2	

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² All technical parameters apply to the entire lamp | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to D (lowest efficiency)

RENOVATION LAMPS WITH TERMINAL BLOCK

LED lamp with a terminal block for direct connection to the ceiling or wall at construction sites or for moving



1

Product name	GTIN (EAN)	W	lm	K	CRI	$\frac{l}{d}$ [mm]	$\frac{\phi}{d}$ [mm]	t _h [h] ²		
RENOVATION LAMPS WITH TERMINAL BLOCK LED lamps with an integrated terminal block for direct connection to the ceiling or wall at construction sites, renovations or for moving. Can be easily and quickly fitted. Lamp with integrated power cable, terminal block for direct AC 220 - 240 V connection, 1050 lm at 4000 K provides bright and energy efficient light, no socket required, non-replaceable light source.										
Renovation Lamp Classic A75 Terminal Block 10W 840 Single Pack	4058075 845749	10.00	1055	4000	> 80	98	60	15000	10	1
Renovation Lamp Classic A75 Terminal Block 10W 840 Triple Pack	4058075 845947	10.00	1055	4000	> 80	98	60	15000	30	1

LED CLASSIC A MOTION & DAYLIGHT SENSOR

Special lamps with motion sensor and integrated daylight sensor, classic bulb shape



PRODUCT HIGHLIGHTS

Energy saving special lamps with motion and daylight sensors. Automatic switch-off in daylight and 30 seconds after the last motion detection. Ideal for staircases and corridors. Motion sensor detects movement through glass and plastic up to 3 m and 90°, auto switch-on in darkness, switch-off after 30 sec motion detection, 20 lx illumination threshold, lifetime up to 25,000 h.



Product name ²		GTIN (EAN)	W _{LED}	W _{max}	W	lm	K	CRI	h	d	Color	t ₉₀ ³	Energy efficiency class ⁴	Energy efficiency class (EEC)	No.
NEW	LED Classic A 60 Filament Motion & Daylight sensor S 7.3W 827 Clear E27	4099854236792	60 W	E27	7.3	806	2700	80	116	60	Clear	15000		10	1
	LED Classic A 60 Motion Sensor S 8.8W 827 Frosted E27	4099854094200	60 W	E27	8.8	806	2700	80	112	60	Frosted	25000		10	2
	LED Classic A 75 Motion Sensor S 10W 827 Frosted E27	4099854094224	75 W	E27	10	1055	2700	80	112	60	Frosted	25000		10	3

LED CLASSIC A DAYLIGHT SENSOR

Special lamps with daylight sensor, classic bulb shape



PRODUCT HIGHLIGHTS

Energy saving special lamps with daylight sensor for automatic on/off functionality. Ideal for areas requiring constant lighting at night, they offer enhanced safety by adjusting to daylight. LED lamps in classic shape, lifetime up to 15,000 h, daylight sensor detects light every 10 minutes, energy-saving auto switch-off (> 20 lux), safety through auto switch-on at darkness (< 20 lux).



Product name ²	GTIN (EAN)													
LED Classic A 40 Filament Daylight Sensor S 4.9W 827 Clear E27	4099854 048197	40 W	E27	4.9	470	2700	80	106	60	Clear	15000		10	1
LED Classic A 60 Filament Daylight Sensor S 7.3W 827 Clear E27	4099854 048210	60 W	E27	7.3	806	2700	80	106	60	Clear	15000		10	2
LED Classic A 60 Daylight Sensor S 8.8W 827 Frosted E27	4099854 043956	60 W	E27	8.8	806	2700	80	108	60	Frosted	25000		10	3

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² All technical parameters apply to the entire lamp | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to D (lowest efficiency)

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LED PAR16 GLOWDIM

LED reflector lamps PAR16



Product name ³	GTIN (EAN)										 ⁴	 ⁵		 No.	
LED PAR16 GLOWDIM S															
LED PAR16 50 36° GlowDim S 4.5W 827 GU10	4099854 071430	50 W	GU10	4.5	350	680 cd	1800...2700	80	36	50	25000	  ¹			 ²
LED AR111 50 40° GlowDim S 7.2W 927 G53	4099854 048920	50 W	G53	7.2	450	1000 cd	1800...2700	90	40	111	40000		10	1	
LED AR111 50 24° GlowDim S 7.2W 927 G53	4099854 048562	50 W	G53	7.2	450	1800 cd	1800...2700	90	24	111	40000		6	1	



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

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility) | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp range. ⁴ www.ledvance.com/compatibility

LED PAR16 DIM

Dimmable LED reflector lamps with CRI 97



Product name ³	GTIN (EAN)										 ⁴	 ⁵		
LED PAR16 DIM S														
LED PAR16 35 36° DIM S 2.4W 927 GU10	4099854456633	35 W	GU10	2.4	230	500 cd	2700	97	36	50	40000		10	1
LED PAR16 35 36° DIM S 2.4W 930 GU10	4099854456671	35 W	GU10	2.4	230	500 cd	3000	97	36	50	40000		10	1
LED PAR16 35 36° DIM S 2.4W 940 GU10	4099854456718	35 W	GU10	2.4	230	500 cd	4000	97	36	50	40000		10	1
LED PAR16 50 36° DIM S 3.7W 927 GU10	4099854456213	50 W	GU10	3.7	350	750 cd	2700	97	36	50	40000		10	1
LED PAR16 50 36° DIM S 3.7W 930 GU10	4099854456237	50 W	GU10	3.7	350	750 cd	3000	97	36	50	40000		10	1
LED PAR16 50 36° DIM S 3.7W 940 GU10	4099854456251	50 W	GU10	3.7	350	750 cd	4000	97	36	50	40000		10	1
LED PAR16 80 36° DIM S 6.1W 927 GU10	4099854456732	80 W	GU10	6.1	575	900 cd	2700	97	36	50	40000		10	1
LED PAR16 80 36° DIM S 6.1W 930 GU10	4099854456756	80 W	GU10	6.1	575	900 cd	3000	97	36	50	40000		10	1
LED PAR16 80 36° DIM S 6.1W 940 GU10	4099854456770	80 W	GU10	6.1	575	900 cd	4000	97	36	50	40000		10	1



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp. ⁴ www.ledvance.com/compatibility

LED PAR16 DIM

Dimmable LED reflector lamps PAR16 with retrofit pin base, natural daylight



Product name ³	GTIN (EAN)	W ₂ W	W	lm	cd	K	CRI	°	Ø d (mm)	t _{in} ⁴	5	IP	No.
LED PAR16 DIM P												10	1
LED PAR16 50 36° DIM P 3.7W 927 E14	4099854457142	50 W	E14	3.7	350	640 cd	2700	90	36	50	25000	10	1
LED PAR16 DIM P												10	2
LED PAR16 35 36° DIM P 2.4W 927 GU10	4099854456794	35 W	GU10	2.4	230	450 cd	2700	90	36	50	25000	10	2
LED PAR16 35 36° DIM P 2.4W 930 GU10	4099854456817	35 W	GU10	2.4	230	450 cd	3000	90	36	50	25000	10	2
LED PAR16 35 36° DIM P 2.4W 940 GU10	4099854456831	35 W	GU10	2.4	230	450 cd	4000	90	36	50	25000	10	2
LED PAR16 50 36° DIM P 3.7W 927 GU10	4099854457524	50 W	GU10	3.7	350	640 cd	2700	90	36	50	25000	10	2
LED PAR16 50 36° DIM P 3.7W 930 GU10	4099854457548	50 W	GU10	3.7	350	640 cd	3000	90	36	50	25000	10	2
LED PAR16 50 36° DIM P 3.7W 940 GU10	4099854457562	50 W	GU10	3.7	350	640 cd	4000	90	36	50	25000	10	2
LED PAR16 80 36° DIM P 6.1W 927 GU10	4099854456275	80 W	GU10	6.1	575	1250 cd	2700	90	36	50	25000	10	2
LED PAR16 80 36° DIM P 6.1W 930 GU10	4099854456299	80 W	GU10	6.1	575	1250 cd	3000	90	36	50	25000	10	2
LED PAR16 80 36° DIM P 6.1W 940 GU10	4099854456312	80 W	GU10	6.1	575	1250 cd	4000	90	36	50	25000	10	2
LED PAR16 80 60° DIM P 6.1W 927 GU10	4099854456336	80 W	GU10	6.1	575	600 cd	2700	90	60	50	25000	10	2
LED PAR16 80 60° DIM P 6.1W 930 GU10	4099854456350	80 W	GU10	6.1	575	600 cd	3000	90	60	50	25000	10	2
LED PAR16 80 60° DIM P 6.1W 940 GU10	4099854456374	80 W	GU10	6.1	575	600 cd	4000	90	60	50	25000	10	2
LED PAR16 80 120° DIM P 6.9W 927 GU10	4099854456398	51 W	GU10	6.9	650	240 cd	2700	90	120	50	25000	10	2
LED PAR16 80 120° DIM P 6.9W 930 GU10	4099854456411	51 W	GU10	6.9	650	240 cd	3000	90	120	50	25000	10	2
LED PAR16 80 120° DIM P 6.9W 940 GU10	4099854456435	51 W	GU10	6.9	650	240 cd	4000	90	120	50	25000	10	2
LED PAR16 100 36° DIM P 8W 827 GU10	4099854456459	100 W	GU10	8	750	960 cd	2700	80	36	50	25000	10	2
LED PAR16 100 36° DIM P 8W 830 GU10	4099854456473	100 W	GU10	8	750	960 cd	3000	80	36	50	25000	10	2
LED PAR16 100 36° DIM P 7W 840 GU10	4099854456497	100 W	GU10	7	750	960 cd	4000	80	36	50	25000	10	2
LED PAR16 DIM P												50	3
LED PAR16 50 36° DIM P 3.7W 927 GU10	4099854457586	50 W	GU10	3.7	350	640 cd	2700	90	36	50	15000	50	3
LED PAR16 50 36° DIM P 3.7W 930 GU10	4099854457609	50 W	GU10	3.7	350	640 cd	3000	90	36	50	15000	50	3
LED PAR16 50 36° DIM P 3.7W 940 GU10	4099854457623	50 W	GU10	3.7	350	640 cd	4000	90	36	50	15000	50	3



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

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility) | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp. www.nortecnica.pt

LED PAR16

LED reflector lamps PAR16 with retrofit pin base



Product name ²	GTIN (EAN)	W	lm	cd	K	CRI	°	Ø d (mm)	t (h)	3	4	No.
LED PAR16 P												
LED PAR16 50 36° P 3.7W 827 E14	4099854 458149	50 W	E14	3.7	350	600 cd	2700	80	36	50	10000	10 1
LED PAR16 P												
LED PAR16 35 36° P 2.4W 827 GU10	4099854 457968	35 W	GU10	2.4	230	400 cd	2700	80	36	50	15000	10 2
LED PAR16 35 36° P 2.4W 830 GU10	4099854 457982	35 W	GU10	2.4	230	400 cd	3000	80	36	50	15000	10 2
LED PAR16 35 36° P 2.4W 840 GU10	4099854 458002	35 W	GU10	2.4	230	400 cd	4000	80	36	50	15000	10 2
LED PAR16 50 36° P 3.7W 827 GU10	4099854 458026	50 W	GU10	3.7	350	600 cd	2700	80	36	50	15000	10 2
LED PAR16 50 36° P 3.7W 830 GU10	4099854 458040	50 W	GU10	3.7	350	600 cd	3000	80	36	50	15000	10 2
LED PAR16 50 36° P 3.7W 840 GU10	4099854 458064	50 W	GU10	3.7	350	600 cd	4000	80	36	50	15000	10 2
LED PAR16 50 120° P 3.1W 827 GU10	4099854 458088	32 W	GU10	3.1	350	100 cd	2700	80	120	50	15000	10 2
LED PAR16 50 120° P 3.1W 830 GU10	4099854 458101	32 W	GU10	3.1	350	100 cd	3000	80	120	50	15000	10 2
LED PAR16 50 120° P 3.1W 840 GU10	4099854 458125	32 W	GU10	3.1	350	100 cd	4000	80	120	50	15000	10 2
LED PAR16 80 36° P 6.1W 827 GU10	4099854 457203	80 W	GU10	6.1	575	860 cd	2700	80	36	50	15000	10 2
LED PAR16 80 36° P 6.1W 830 GU10	4099854 457227	80 W	GU10	6.1	575	860 cd	3000	80	36	50	15000	10 2
LED PAR16 80 36° P 6.1W 840 GU10	4099854 457241	80 W	GU10	6.1	575	910 cd	4000	80	36	50	15000	10 2
LED PAR16 80 60° P 6.1W 827 GU10	4099854 457265	80 W	GU10	6.1	575	700 cd	2700	80	60	50	15000	10 2
LED PAR16 80 60° P 6.1W 830 GU10	4099854 457289	80 W	GU10	6.1	575	700 cd	3000	80	60	50	15000	10 2
LED PAR16 80 60° P 6.1W 840 GU10	4099854 457302	80 W	GU10	6.1	575	750 cd	4000	80	60	50	15000	10 2
LED PAR16 80 120° P 5.6W 827 GU10	4099854 457326	49 W	GU10	5.6	620	200 cd	2700	80	120	50	15000	10 2
LED PAR16 80 120° P 5.6W 830 GU10	4099854 457340	49 W	GU10	5.6	620	200 cd	3000	80	120	50	15000	10 2
LED PAR16 80 120° P 5.6W 840 GU10	4099854 457364	49 W	GU10	5.6	620	220 cd	4000	80	120	50	15000	10 2
LED PAR16 100 36° P 8W 827 GU10	4099854 457692	100 W	GU10	8	750	1200 cd	2700	80	36	50	15000	10 2
LED PAR16 100 36° P 8W 830 GU10	4099854 457715	100 W	GU10	8	750	1200 cd	3000	80	36	50	15000	10 2
LED PAR16 100 36° P 8W 840 GU10	4099854 457746	100 W	GU10	8	750	1200 cd	4000	80	36	50	15000	10 2
LED PAR16 P												
LED PAR16 50 36° P 3.7W 827 GU10	4099854 458187	50 W	GU10	3.7	350	600 cd	2700	80	36	50	10000	50 3
LED PAR16 50 36° P 3.7W 830 GU10	4099854 458224	50 W	GU10	3.7	350	600 cd	3000	80	36	50	10000	50 3
LED PAR16 50 36° P 3.7W 840 GU10	4099854 458248	50 W	GU10	3.7	350	600 cd	4000	80	36	50	10000	50 3

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² All technical parameters apply to the entire lamp | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

www.nortecnica.pt

LED PAR16

LED reflector lamps PAR16 with retrofit pin base



Product name ²	GTIN (EAN)	wΔW	⌀	W	lm	cd	K	CRI	Δ°	Ø d (mm)	t _h ³	Ⓜ ⁴	IP	No.
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LED PAR16 V																
LED PAR16 35 36° V 2.6W 827 GU10	4099854044649	35 W	GU10	2.6	230	400 cd	2700	80	36	50	10000		10	1		
LED PAR16 50 36° V 4.3W 827 GU10	4099854045646	50 W	GU10	4.3	350	600 cd	2700	80	36	50	10000		10	1		
LED PAR16 50 36° V 4.3W 830 GU10	4099854067914	50 W	GU10	4.3	350	600 cd	3000	80	36	50	10000		10	1		
LED PAR16 50 36° V 4.3W 840 GU10	4099854067976	50 W	GU10	4.3	350	600 cd	4000	80	36	50	10000		10	1		
LED PAR16 50 36° V 4.3W 865 GU10	4099854045080	50 W	GU10	4.3	350	600 cd	6500	80	36	50	10000		10	1		

LED PAR16 V																	
LED PAR16 80 36° V 6.9W 830 GU10	4099854054822	80 W	GU10	6.9	575	860 cd	3000	80	36	50	10000		10	2			
LED PAR16 80 36° V 6.9W 840 GU10	4099854055331	80 W	GU10	6.9	575	910 cd	4000	80	36	50	10000		10	2			
LED PAR16 80 36° V 6.9W 865 GU10	4099854055379	80 W	GU10	6.9	575	910 cd	6500	80	36	50	10000		10	2			
LED PAR16 80 60° V 6.9W 830 GU10	4099854054938	80 W	GU10	6.9	575	700 cd	3000	80	60	50	10000		10	2			
LED PAR16 80 60° V 6.9W 840 GU10	4099854054990	80 W	GU10	6.9	575	750 cd	4000	80	60	50	10000		10	2			
LED PAR16 80 120° V 6.9W 830 GU10	4099854055096	49 W	GU10	6.9	620	200 cd	3000	80	120	50	10000		10	2			
LED PAR16 80 120° V 6.9W 840 GU10	4099854055157	49 W	GU10	6.9	620	220 cd	4000	80	120	50	10000		10	2			
LED PAR16 80 120° V 6.9W 865 GU10	4099854055256	49 W	GU10	6.9	620	220 cd	6500	80	120	50	10000		10	2			

LED MR16 DIM

Dimmable low-voltage LED reflector lamps MR16 with retrofit pin base with CRI 97



1

Product name ⁴	GTIN (EAN)	W _{LED}	W	lm	cd	K	CRI	Beam angle	Ø d (mm)	t _h ⁵	IP ⁶	Energy efficiency class ³	Light source
LED MR16 DIM S													
LED MR16 20 36° DIM S 2.2W 927 GU5.3	4099854 455957	20 W	GU5.3	2.2	230	720 cd	2700	97	36	50	40000	1	1
LED MR16 20 36° DIM S 2.2W 930 GU5.3	4099854 455971	20 W	GU5.3	2.2	230	720 cd	3000	97	36	50	40000	1	1
LED MR16 20 36° DIM S 2.2W 940 GU5.3	4099854 455995	20 W	GU5.3	2.2	230	720 cd	4000	97	36	50	40000	1	1
LED MR16 35 36° DIM S 3.4W 927 GU5.3	4099854 456015	35 W	GU5.3	3.4	350	850 cd	2700	97	36	50	40000	1	1
LED MR16 35 36° DIM S 3.4W 930 GU5.3	4099854 456039	35 W	GU5.3	3.4	350	850 cd	3000	97	36	50	40000	1	1
LED MR16 35 36° DIM S 3.4W 940 GU5.3	4099854 456053	35 W	GU5.3	3.4	350	850 cd	4000	97	36	50	40000	1	1
LED MR16 43 36° DIM S 4.9W 927 GU5.3	4099854 456152	43 W	GU5.3	4.9	500	1000 cd	2700	97	36	50	40000	1	1
LED MR16 43 36° DIM S 4.9W 930 GU5.3	4099854 456176	43 W	GU5.3	4.9	500	1000 cd	3000	97	36	50	40000	1	1
LED MR16 43 36° DIM S 4.9W 940 GU5.3	4099854 456190	43 W	GU5.3	4.9	500	1000 cd	4000	97	36	50	40000	1	1



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

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility) | ² Check ECG compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility) | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ All technical parameters apply to the entire lamp | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

www.nortecnica.pt

LED MR16 DIM/NON-DIM

Dimmable and non-dimmable low-voltage LED reflector lamps MR16 with retrofit pin base, natural daylight



Product name ⁴	GTIN (EAN)	W _{in}	W	lm	cd	K	CRI	Beam angle	Ø d (mm)	t _{in} ⁵	Energy efficiency class ⁶	IP	Dimmable	No.
LED MR16 DIM P														
LED MR16 20 36° DIM P 2.2W 927 GU5.3	4099854456510	20 W	GU5.3	2.2	230	600 cd	2700	90	36	50	25000	LED E	10	1
LED MR16 20 36° DIM P 2.2W 930 GU5.3	4099854456534	20 W	GU5.3	2.2	230	600 cd	3000	90	36	50	25000	LED E	10	1
LED MR16 20 36° DIM P 2.2W 940 GU5.3	4099854456558	20 W	GU5.3	2.2	230	600 cd	4000	90	36	50	25000	LED E	10	1
LED MR16 35 36° DIM P 3.4W 927 GU5.3	4099854456572	35 W	GU5.3	3.4	345	800 cd	2700	90	36	50	25000	LED E	10	1
LED MR16 35 36° DIM P 3.4W 930 GU5.3	4099854456596	35 W	GU5.3	3.4	345	800 cd	3000	90	36	50	25000	LED E	10	1
LED MR16 35 36° DIM P 3.4W 940 GU5.3	4099854456619	35 W	GU5.3	3.4	345	800 cd	4000	90	36	50	25000	LED E	10	1
LED MR16 50 36° DIM P 6.1W 927 GU5.3	4099854456077	50 W	GU5.3	6.1	621	1250 cd	2700	90	36	50	25000	LED E	10	1
LED MR16 50 36° DIM P 6.1W 930 GU5.3	4099854456107	50 W	GU5.3	6.1	621	1250 cd	3000	90	36	50	25000	LED E	10	1
LED MR16 50 36° DIM P 6.1W 940 GU5.3	4099854456138	50 W	GU5.3	6.1	621	1250 cd	4000	90	36	50	25000	LED E	10	1
LED MR16 P														
LED MR16 20 36° P 2W 827 GU5.3	4099854457760	20 W	GU5.3	2	210	450 cd	2700	80	36	50	15000	LED E	10	2
LED MR16 20 36° P 2W 830 GU5.3	4099854457784	20 W	GU5.3	2	210	450 cd	3000	80	36	50	15000	LED E	10	2
LED MR16 20 36° P 2W 840 GU5.3	4099854457807	20 W	GU5.3	2	210	450 cd	4000	80	36	50	15000	LED E	10	2
LED MR16 20 120° P 2W 827 GU5.3	4099854457821	20 W	GU5.3	2	210	125 cd	2700	80	120	50	15000	LED E	10	2
LED MR16 35 36° P 3.4W 827 GU5.3	4099854457845	35 W	GU5.3	3.4	345	650 cd	2700	80	36	50	15000	LED E	10	2
LED MR16 35 36° P 3.4W 830 GU5.3	4099854457647	35 W	GU5.3	3.4	345	650 cd	3000	80	36	50	15000	LED E	10	2
LED MR16 35 36° P 3.4W 840 GU5.3	4099854457678	35 W	GU5.3	3.4	345	650 cd	4000	80	36	50	15000	LED E	10	2
LED MR16 35 120° P 3.3W/827 GU5.3	4099854457869	35 W	GU5.3	3.3	396	125 cd	2700	80	120	50	15000	LED E	10	2
LED MR16 50 36° P 6.1W 827 GU5.3	4099854457883	50 W	GU5.3	6.1	621	1200 cd	2700	80	36	50	15000	LED E	10	2
LED MR16 50 36° P 6.1W 830 GU5.3	4099854457906	50 W	GU5.3	6.1	621	1200 cd	3000	80	36	50	15000	LED E	10	2
LED MR16 50 36° P 6.1W 840 GU5.3	4099854457920	50 W	GU5.3	6.1	621	1250 cd	4000	80	36	50	15000	LED E	10	2
LED MR16 50 120° P 5.3W/827 GU5.3	4099854457944	50 W	GU5.3	5.3	630	210 cd	2700	80	120	50	15000	LED E	10	2



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

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility) | ² Check ECG compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility) | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ All technical parameters apply to the entire lamp | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

www.mortecnica.pt

LED MR11 DIM/NON-DIM

Dimmable and non-dimmable low-voltage LED reflector lamps MR11 with retrofit pin base, natural daylight



Product name ³	GTIN (EAN)	WΔW		W	lm	cd	K	CRI		 d (mm)	 t _h ⁴	 ⁵		 No.
LED MR11 DIM P														
LED MR11 20 36° DIM P 2.8W 927 GU4	4099854 050206	20 W	GU4	2.8	184	350 cd	2700	90	36	35	25000	  ¹     ²	10	1
LED MR11 35 36° DIM P 4.5W 927 GU4	4099854 050268	35 W	GU4	4.5	345	500 cd	2700	90	36	35	25000	    ²	10	1
LED MR11 P														
LED MR11 20 36° P 1.8W 827 GU4	4099854 235320	20 W	GU4	1.8	184	400 cd	2700	80	36	35	15000	     ²	10	2
LED MR11 20 36° P 1.8W 840 GU4	4099854 246371	20 W	GU4	1.8	184	400 cd	4000	80	36	35	15000	    ²	10	2
LED MR11 35 36° P 4.2W 827 GU4	4099854 050329	35 W	GU4	4.2	345	700 cd	2700	80	36	35	15000	    ²	10	2
LED MR11 35 36° P 4.2W 840 GU4	4099854 050350	35 W	GU4	4.2	345	700 cd	4000	80	36	35	15000	    ²	10	2



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp | ⁴ www.ledvance.com/compatibility | ⁵ Efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED PAR 20/30/38 DIM/NON-DIM

Dimmable and non-dimmable LED reflector lamps with retrofit screw base



Product name ³	GTIN (EAN)																
LED PAR20 DIM P																	
LED PAR20 50 36° DIM P 6.4W 927 E27	4099854 071133	50 W	E27	6.4	350	750 cd	2700	90	36	65	25000			6		1	
LED PAR30 DIM P																	
LED PAR30 75 36° DIM P 10W 927 E27	4099854 071195	75 W	E27	10	633	1400 cd	2700	90	36	95	25000			6		2	
LED PAR38 DIM P																	
LED PAR38 120 30° DIM P 14.5W 927 E27	4099854 071270	120 W	E27	14.5	1035	2600 cd	2700	90	30	122	25000			6		3	
LED PAR38 P																	
LED PAR38 120 15° P 13.5W 827 E27	4099854 067808	120 W	E27	13.5	1035	6500 cd	2700	80	15	122	25000			6		4	
LED PAR38 120 30° P 13.5W 827 E27	4099854 067822	120 W	E27	13.5	1035	2600 cd	2700	80	30	122	25000			6		5	



Compatibility list also online: ledvance.com/compatibility

SUPERIOR CLASS PERFORMANCE CLASS VALUE CLASS

¹ Check dimmer compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp | ⁴ www.nortecnica.pt | ⁵ Efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED AR111 DIM

Low-voltage LED reflector lamps AR111 with retrofit pin base



1

Product name ⁴	GTIN (EAN)	W _Δ W	W	lm	cd	K	CRI	Beam angle	Ø d (mm)	t _{in} ⁵	Beam spread ⁶	Energy efficiency class (EEC)	IP20	5 year guarantee
LED AR111 DIM S														
LED AR111 50 24° DIM S 7.4W 927 G53	4099854048524	50 W	G53	7.4	450	1800 cd	2700	97	24	111	40000	Superior Class	6	1
LED AR111 50 40° DIM S 7.4W 927 G53	4099854048708	50 W	G53	7.4	450	1000 cd	2700	97	40	111	40000	Superior Class	6	1
LED AR111 50 24° DIM S 7.4W 930 G53	4099854048548	50 W	G53	7.4	450	1800 cd	3000	97	24	111	40000	Superior Class	6	1
LED AR111 50 40° DIM S 7.4W 930 G53	4099854048845	50 W	G53	7.4	450	1000 cd	3000	97	40	111	40000	Superior Class	6	1
LED AR111 75 24° DIM S 11.7W 927 G53	4099854048982	75 W	G53	11.7	800	2800 cd	2700	97	24	111	40000	Superior Class	6	1
LED AR111 75 40° DIM S 11.7W 927 G53	4099854049125	75 W	G53	11.7	800	1600 cd	2700	97	40	111	40000	Superior Class	6	1
LED AR111 75 24° DIM S 11.7W 930 G53	4099854049040	75 W	G53	11.7	800	2800 cd	3000	97	24	111	40000	Superior Class	6	1
LED AR111 75 40° DIM S 11.7W 930 G53	4099854049163	75 W	G53	11.7	800	1600 cd	3000	97	40	111	40000	Superior Class	6	1
LED AR111 75 24° DIM S 11.7W 940 G53	4099854049064	75 W	G53	11.7	800	2800 cd	4000	97	24	111	40000	Superior Class	6	1
LED AR111 100 24° DIM S 13.5W 927 G53	4099854070655	100 W	G53	13.5	950	2500 cd	2700	97	24	111	40000	Superior Class	6	1



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

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility) | ² Check ECG compatibility at [ledvance.com/compatibility](https://www.ledvance.com/compatibility) | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ All technical parameters apply to the entire lamp | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

www.nortecnica.pt

LED R39/R50/R63/R80 DIM/NON-DIM

Dimmable and non-dimmable LED reflector lamps with retrofit screw base



Product name ³	GTIN (EAN)	W _{LED}	W	lm	cd	K	CRI	Beam angle	Ø d (mm)	t _h (°C)	1	2	3	4	5	6
LED R50 DIM P																
LED R50 60 36° DIM P 5.9W 927 E14	4099854058608	60 W	E14	5.9	350	607 cd	2700	90	36	50	25000	1	2	3	4	5
LED R63 DIM P																
LED R63 60 36° DIM P 4.9W 927 E27	4099854047954	60 W	E27	4.9	345	550 cd	2700	90	36	63	25000	1	2	3	4	5
LED R80 DIM P																
LED R80 60 36° DIM P 4.9W 927 E27	4099854051234	60 W	E27	4.9	345	550 cd	2700	90	36	80	25000	1	2	3	4	5
LED R80 100 36° DIM P 8.5W 827 E27	4099854051258	100 W	E27	8.5	670	1000 cd	2700	80	36	80	25000	1	2	3	4	5
LED R50 P																
LED R50 25 36° P 1.5W 827 E14	4099854058639	25 W	E14	1.5	110	248 cd	2700	80	36	50	15000	1	2	3	4	5
LED R50 40 36° P 2.6W 827 E14	4099854058660	40 W	E14	2.6	210	398 cd	2700	80	36	50	15000	1	2	3	4	5
LED R50 60 36° P 4.3W 827 E14	4099854058714	60 W	E14	4.3	350	582 cd	2700	80	36	50	15000	1	2	3	4	5
LED R63 P																
LED R63 40 36° P 2.9W 827 E27	4099854048012	40 W	E27	2.9	210	430 cd	2700	80	36	63	15000	1	2	3	4	5
LED R63 60 36° P 4.8W 827 E27	4099854048371	60 W	E27	4.8	350	650 cd	2700	80	36	63	15000	1	2	3	4	5
LED R80 P																
LED R80 60 36° P 4.8W 827 E27	4099854050091	60 W	E27	4.8	350	650 cd	2700	80	36	80	15000	1	2	3	4	5
LED R80 100 36° P 8.5W 827 E27	4099854050114	100 W	E27	8.5	670	1000 cd	2700	80	36	80	15000	1	2	3	4	5



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp. www.nortecnica.pt Efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED STAR GX53

Flat LED Lamp with GX53 socket



1

Product name ²	GTIN (EAN)	W Δ W		W	lm	K	CRI		$\varnothing$ d [mm]		t [h] ³	⁴			
LED STAR GX53															
LED Star GX53 40 120° 4.9W 827 Frosted GX53	4058075 433441	40 W	GX53	4.9	470	2700	80	28	74	120	15000		6	1	
LED Star GX53 40 120° 4.9W 840 Frosted GX53	4058075 433465	40 W	GX53	4.9	470	4000	80	28	74	120	15000		6	1	

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² All technical parameters apply to the entire lamp | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED SPECIAL T26 P

Special LED lamps for refrigerators



PRODUCT FEATURES

- LED alternative to conventional high voltage lamps
- Good quality of light; color rendering index $R_a \geq 80$; 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
- Lower energy consumption than incandescent or halogen lamps

AREAS OF APPLICATION

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

PERFORMANCE CLASS



230V AC

IP 20

LEDVANCE
4 year guarantee

Product name ²	GTIN (EAN)	W _{LED}	E	W	lm	K	CRI	L (mm)	Ø d (mm)	△	t _h (h) ³	Energy efficiency class ⁴	Box	No.
LED Special T26 10 300° Filament P 1.3W 827 Clear E14	4099854066108	10 W	E14	1.3	110	2700	80	65	26	300	15000		20	1
LED Special T26 20 200° P 2.3W 827 Frosted E14	4099854066993	20 W	E14	2.3	200	2700	80	58	25	200	15000		20	2
LED Special T26 20 200° P 2.3W 865 Frosted E14	4099854067020	20 W	E14	2.3	200	6500	80	58	25	200	15000		20	3
LED Special T26 25 300° Filament P 2.8W 827 Clear E14	4099854066320	25 W	E14	2.8	250	2700	80	63	26	300	15000		20	4
LED Special T26 25 300° Filament P 2.8W 865 Clear E14	4099854066498	25 W	E14	2.8	250	6500	80	65	26	300	15000		20	5
LED Special T26 40 300° Filament P 4W 827 Clear E14	4099854066665	40 W	E14	4	470	2700	80	83	25	300	15000		20	6
LED Special T26 60 300° Filament P 5.9W 827 Clear E14	4099854493218	60 W	E14	5.9	806	2700	80	80	25	300	15000		20	7

NEW

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Refer to www.ledvance.com/guarantee for precise conditions | ² All technical parameters apply to the entire lamp | ³ L70/B50 | ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

www.nortecnica.pt

LED SPECIAL T SLIM DIM/NON-DIM

Dimmable and non-dimmable slim LED lamps



Product name ³	GTIN (EAN)										 ⁴	 ⁵		
LED SPECIAL T SLIM DIM P														
			 ¹				 ⁵							
LED T Slim 60 320° DIM P 6.5W 827 Clear E14	4099854 267222	60 W	E14	6.5	806	2700	80	82	20	320	15000		10	1
LED T Slim 60 320° DIM P 6.5W 827 Clear GU10	4099854 267321	60 W	GU10	6.5	806	2700	80	72	20	320	15000		10	2
LED T Slim 60 320° DIM P 7W 827 Clear E27	4099854 267277	60 W	E27	7	806	2700	80	80	32	320	15000		10	3
LED T Slim 75 320° DIM P 8W 827 Clear B15d	4099854 267178	75 W	B15d	8	1055	2700	80	90	18	320	15000		4	4
LED SPECIAL T SLIM P														
						 ⁴								
LED T Slim 60 320° P 6.5W 827 Clear B15d	4099854 267123	60 W	B15d	6.5	806	2700	80	80	18	320	15000		4	5

SAFETY ADVICE

Do not touch the lamp if broken.
Must not be used if outer bulb is defective.
To ensure full light efficiency and product life-time, it is recommended to detach any glass or cover of the luminaire.



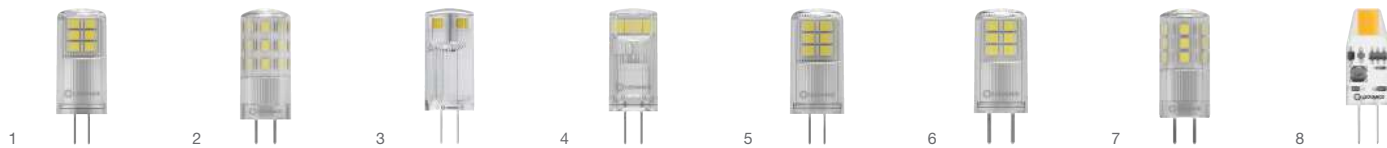
Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp. ⁴ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

LED PIN 12 V DIM/NON-DIM

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



Product name ⁴	GTIN (EAN)	W _{act} W	W	lm	K	CRI	I (mm)	d (mm)	°	t _{in} ⁵	⁶	³	No.
LED PIN 12 V DIM P													
LED PIN 20 320° DIM P 2W 827 Clear G4	4099854 248542	20 W	G4	2	200	2700	80	38	14	320	25000		1
LED PIN 40 320° DIM P 3.8W 827 Clear GY6.35	4099854 248573	40 W	GY6.35	3.8	470	2700	80	46	17	320	20000		2
LED PIN 12V P													
LED PIN 10 320° P 0.9W 827 Clear G4	4099854 064722	10 W	G4	0.9	100	2700	≥80	33	12	320	15000		3
LED PIN 20 320° P 1.5W 827 Clear G4	4099854 248603	20 W	G4	1.5	200	2700	80	33	12	320	15000		4
LED PIN 28 320° P 2.2W 827 Clear G4	4099854 248726	28 W	G4	2.2	300	2700	80	36	14	320	15000		5
LED PIN 28 320° P 2.2W 827 Clear GY6.35	4099854 248665	28 W	GY6.35	2.2	300	2700	80	36	14	320	15000		6
LED PIN 40 320° P 3.3W 827 Clear GY6.35	4099854 248757	40 W	GY6.35	3.3	470	2700	80	43	16	320	15000		7
LED PIN MICRO 12V P													
LED PIN Micro 10 320° P 1W 827 Clear G4	4099854 278563	10 W	G4	1	100	2700	≥80	30	10	320	15000		8

SAFETY ADVICE

Do not touch the lamp if broken.
Must not be used if outer bulb is defective.
To ensure full light efficiency and product life-time, it is recommended to detach any glass or cover of the luminaire.



Compatibility list also online: ledvance.com/compatibility

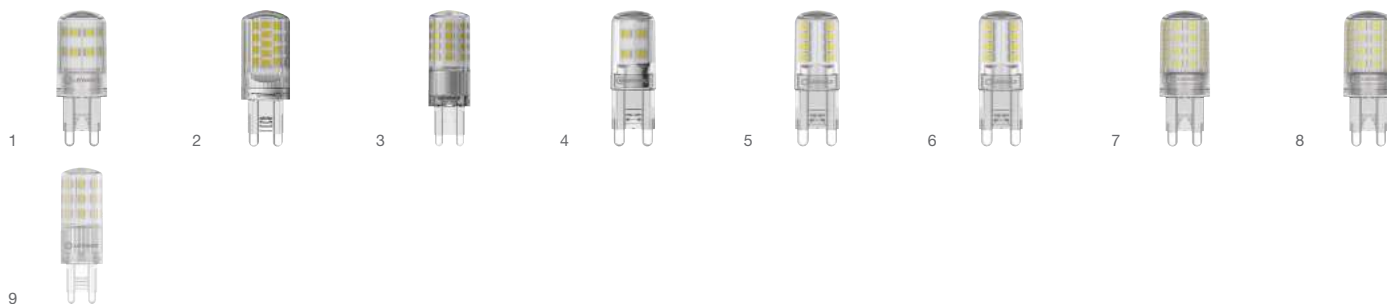
■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at ledvance.com/compatibility | ² Check ECG compatibility at ledvance.com/compatibility | ³ Refer to www.ledvance.com/guarantee for precise conditions | ⁴ All technical parameters apply to the entire lamp | ⁵ L70/B50 | ⁶ Energy efficiency class (EEC) on a scale of A (highest efficiency) to G (lowest efficiency)

www.nortecnica.pt

LED PIN G9 DIM/NON-DIM

Dimmable and non-dimmable LED lamps with retrofit pin base G9



Product name ³	GTIN (EAN)	W ₂ W	W	lm	K	CRI	l [mm]	d [mm]	°	t _m ⁴	5	230V AC	IP 20	5	No.
LED PIN G9 DIM P															
LED PIN 30 300° DIM P 3W 827 Clear G9	4099854 248788	30 W	G9	3	320	2700	80	49	18	300	25000	230V AC	IP 20	5	1
LED PIN 40 300° DIM P 4W 827 Clear G9	4099854 248818	40 W	G9	4	470	2700	80	52	18	300	25000	230V AC	IP 20	5	2
LED PIN 50 320° DIM P 4.4W 827 Clear G9	4099854 248849	48 W	G9	4.4	600	2700	80	59	18	320	25000	230V AC	IP 20	5	3
LED PIN G9 P															
LED PIN 20 300° P 1.9W 827 Clear G9	4099854 248870	20 W	G9	1.9	200	2700	80	43	14	300	15000	230V AC	IP 20	4	4
LED PIN 30 300° P 2.6W 827 Clear G9	4099854 248931	30 W	G9	2.6	320	2700	80	43	14	300	15000	230V AC	IP 20	5	5
LED PIN 30 300° P 2.6W 840 Clear G9	4099854 248900	30 W	G9	2.6	320	4000	80	43	14	300	15000	230V AC	IP 20	6	6
LED PIN 40 300° P 4.2W 827 Clear G9	4099854 248962	40 W	G9	4.2	470	2700	80	49	18	300	15000	230V AC	IP 20	7	7
LED PIN 40 300° P 4.2W 840 Clear G9	4099854 248993	40 W	G9	4.2	470	4000	80	49	18	300	15000	230V AC	IP 20	8	8
LED PIN 60 320° P 4.9W 827 Clear G9	4058075 840560	60 W	G9	4.9	806	2700	80	59	18	320	15000	230V AC	IP 20	9	9

SAFETY ADVICE

Do not touch the lamp if broken.
Must not be used if outer bulb is defective.
To ensure full light efficiency and product life-time, it is recommended to detach any glass or cover of the luminaire.



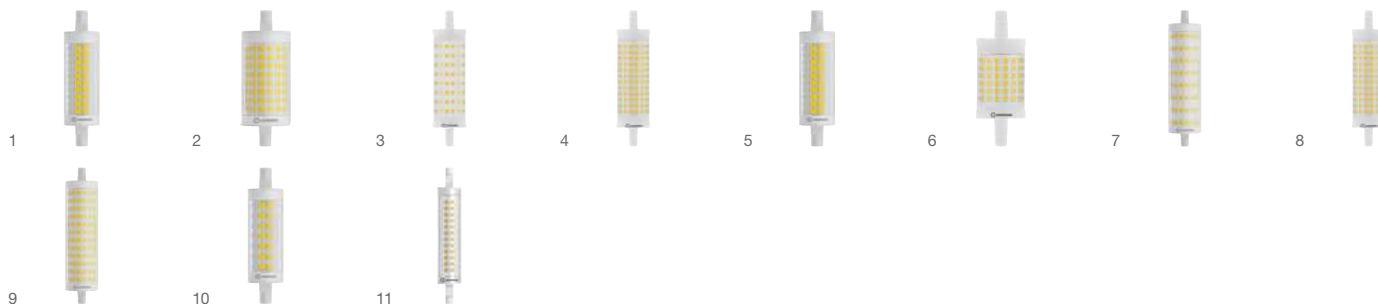
Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

¹ Check dimmer compatibility at ledvance.com/compatibility | ² Refer to www.ledvance.com/guarantee for precise conditions | ³ All technical parameters apply to the entire lamp. ⁴ www.nortecnica.pt

LED LINE R7S DIM/NON-DIM AND LED SLIM LINE R7S

Dimmable and non-dimmable double-ended special LED lamps



Product name ³		GTIN (EAN)	W _{ΔW}	Im	W	Im	K	CRI	l [mm]	Ø d [mm]	Δ°	t _h	5	6	7	8	9
LED SLIM LINE R7S DIM P																	
NEW LED Slim Line 78 75 300° DIM P 9.5W 827 Clear R7s																	
		4099854	503504	75 W	R7s	9.5	1055	2700	80	78	20	300	25000	LED	20	1	
LED Line 78 100 300° DIM P 11.5W 827 Clear R7s		4099854	064876	100 W	R7s	11.5	1521	2700	80	78	28	300	25000	LED	20	2	
LED Line 118 125 300° DIM P 15W 827 Clear R7s		4099854	048753	125 W	R7s	15	2000	2700	80	118	28	300	25000	LED	20	3	
LED Line 118 150 300° DIM P 18.2W 827 Clear R7s		4099854	048678	150 W	R7s	18.2	2452	2700	80	118	28	300	25000	LED	20	4	
LED SLIM LINE R7S P																	
NEW LED Slim Line 78 75 300° P 9.5W 827 Clear R7s																	
		4099854	503535	75 W	R7s	9.5	1055	2700	80	78	20	300	15000	LED	20	5	
LED Line 78 100 300° P 11.5W 827 Clear R7s		4099854	049767	100 W	R7s	11.5	1521	2700	80	78	28	300	15000	LED	20	6	
LED Line 118 125 300° P 15W 827 Clear R7s		4099854	048647	125 W	R7s	15	2000	2700	80	118	28	300	15000	LED	20	7	
LED Line 118 150 300° P 18.2W 827 Clear R7s		4099854	048722	150 W	R7s	18.2	2452	2700	80	118	28	300	15000	LED	20	8	
LED Line 118 177 300° P 20W 830 Clear R7s		4099854	249082	177 W	R7s	20	3000	3000	80	118	28	300	15000	LED	10	9	
LED SLIM LINE R7S P																	
LED Slim Line 78 60 300° P 7W 827 Clear R7s		4099854	267628	60 W	R7s	7	806	2700	80	78	20	300	15000	LED	10	10	
LED Slim Line 118 100 300° P 12W 827 Clear R7s		4099854	267680	100 W	R7s	12	1521	2700	≥80	118	20	300	15000	LED	10	11	

SAFETY ADVICE

Do not touch the lamp if broken.
Must not be used if outer bulb is defective.
To ensure full light efficiency and product life-time, it is recommended to detach any glass or cover of the luminaire.



Compatibility list also online: ledvance.com/compatibility

■ SUPERIOR CLASS ■ PERFORMANCE CLASS ■ VALUE CLASS

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SHEDDING LIGHT AND SYMBOLS

	Shatter protection		Length [mm]		Recommended retail price excl. VAT
	Type of protection		Diameter [mm]		Unit of Packaging
	Dimmable		Beam angle in °		Fig. no.
	Sensor versions		Colour temperature in K		Dimming interface DALI-2
	Wireless		Colour rendering index		Push-DIM function
	Glow DIM 2000K...2700 K		Light intensity in cd		LED TUBE EXTERNAL SYSTEM
	Power in W for conventional technology		Average period of use/life in hours (B50/L70)		SELV voltage
	Power in W		Glass Material		Protection class I
	Output voltage in V		AC Mains		Protection class II
	Luminous flux in lm		Operation on conventional control gear		Emergency lighting
	Luminous efficacy		Operation on electronic control gear		Low flicker
	Operating frequency in Hz		Operation on conventional control gear and ignitor		IK impact rating
	Base		Energy efficiency class		Operating mode DC

GOOD LIGHT ALL ROUND

THE FULL LEDVANCE RANGE

LEDVANCE offers a wide portfolio of energy-efficient and future-proof lighting solutions. 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. LEDVANCE provides a constantly growing number of luminaires that communicate via DALI standard or Zigbee protocol. When using the right control units even IoT functionalities via cloud services are possible. Our systems provide users with tunable white light according to their personal preferences or even biologically effective light for more well-being. VIVARES is the umbrella brand for all those light management options available from one single source.

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 colours, the system allows bespoke lighting solutions. And with our Cut on Demand service we design customer-specific project solutions for virtually any indoor or outdoor application. Easy to plan, easy to combine and easy to install – that's the principle here.

LIGHT MANAGEMENT IS VIVARES

With the VIVARES light management systems (LMS), LEDVANCE offers everything you need for optimizing your light and saving energy, CO₂ and costs at the same time. Both floor solutions up to 1 000 m² and single room solutions up to 200 m² are covered by the exactly fitting LMS components and compatible light sources. The systems are simple in configuration and commissioning from plug and play to more complex, customizable solutions or app control and come with a 5-year guarantee. Light management is easy – with all components coming from one single source.

SMART LIGHTING FOR RESIDENTIAL APPLICATIONS

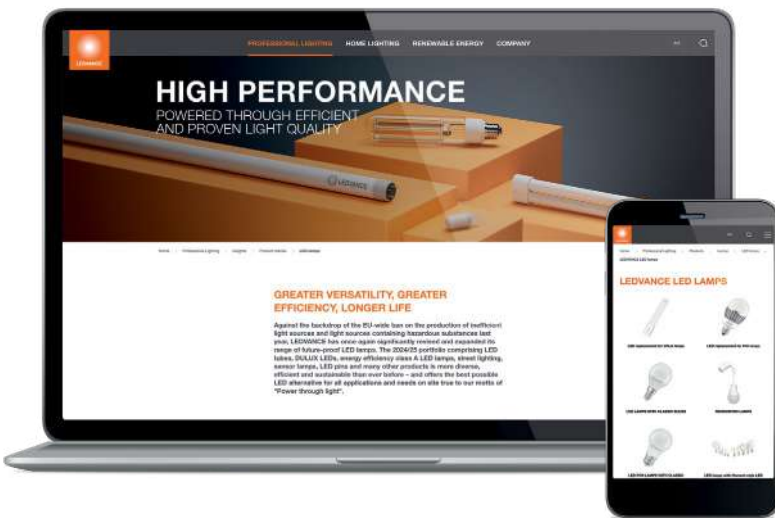
Our smart residential products offer a comprehensive combination of innovation, quality, reliability and user friendliness. We provide a suitable solution for a variety of requirements that intelligent lighting has to meet.

MORE INFORMATION AND CLEVER TOOLS

Go to ledvance.com 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 Centre (email: contact@ledvance.com). Here you'll find an overview of our expertise, databases and tools.



► REFERENCES PROVIDE INSPIRATION

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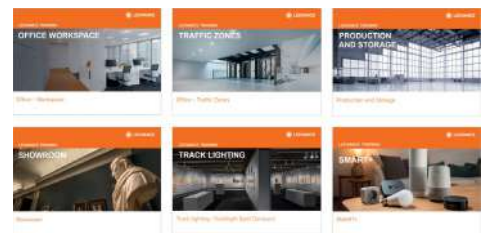
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Current training courses are shown in a clear and self-explanatory layout. This allows you to dive right into the topic you want to learn about, refresh your knowledge and discover new things.

TIPS AND TRICKS FOR DIFFERENT APPLICATIONS

- Office: How lighting in the workplace can contribute to the well-being of employees
- Traffic zones: How light provides orientation in corridors and helps avoid trip hazards in stairwells
- Industry: How to illuminate production and warehouse areas in an energy-efficient and standard-compliant manner
- Retail area: How to turn consumers' eyes and attract attention in retail areas
- Product highlights: How track lighting can be attractive today

ABOUT LEDVANCE

With business activities in over 140 countries, LEDVANCE is one of the world's leading general lighting companies. Emerging from OSRAM's general lighting division, LEDVANCE's portfolio includes LED lamps and luminaires, intelligent lighting products and traditional lamps.

#POWERTHROUGHLIGHT



LEDVANCE



LEDVANCE GmbH
Parkring 1-5
85748 Garching
Germany