LEDVANCE

LED ECO HI-WATT BULB G3

We bring innovation to light!

2.5kv surge protection

Over temperature protection

OSRAM

LED ECO HI-WATT BULB G3

Key Features

- High efficacy up to 92lm/w
- Surge protection 2.5KV
- Over temperature protection
- Wide beam angle 200D
- Lifespan up to 12,000hrs

Benefits

- Super Affordable
- Up to 50% energy saving
- Easy to replace traditional lamp
- Comfortable Light which bring instant nice ambiance
- Safe and easy disposal: light weight and no glass
- UV and IR radiation free
- Mercury free

Application Notice

- Suitable for indoor application.
- Switch off the power during installation
- Input voltage: 220-240V
- Frequency: 50-60HZ
- Not for use with dimmers:
- Not for use with closed or tight fixtures:
- Storage temperature & humidity conditions (-20°C up to +80°C, at max. 95% relative humidity)
- Operating temperature & humidity conditions (-20°C up to +40°C, at max. 95% relative humidity)

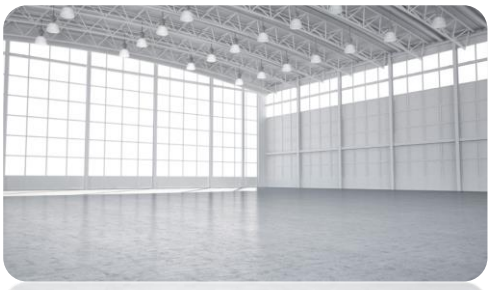
Lamp conformity

- IEC 62560 Self-ballasted LED-lamps for general lighting services by voltage > 50 V – Safety specifications
- IEC 62471/ GB/T20145 Photo biological safety of lamps
- EN 61000-3-2 Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)
- EN 61000-3-3 Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection

Disposal information

- Lamps with WEEE sign can be returned at specific collection points.
- LED lamps have to be disposed as special waste.

Recommended applications



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E27 Base

Item name	Product number (EAN)	W [1]		lm [1]	K	Ra	[2]		l [mm]	d [mm]	t [h] [3]
LED Eco HI-WATT BULB	4058075441248	18	E27	1650	3000	80	NO	200	148	80	12000
LED Eco HI-WATT BULB	4058075441262	18	E27	1650	6500	80	NO	200	148	80	12000
LED Eco HI-WATT BULB	4058075441309	27	E27	2500	3000	80	NO	200	178	100	12000
LED Eco HI-WATT BULB	4058075441323	27	E27	2500	6500	80	NO	200	178	100	12000
LED Eco HI-WATT BULB	4058075441347	36	E27	3300	3000	80	NO	200	208	120	12000
LED Eco HI-WATT BULB	4058075441385	36	E27	3300	6500	80	NO	200	208	120	12000
LED Eco HI-WATT BULB	4058075441422	45	E27	4100	3000	80	NO	200	240	140	12000
LED Eco HI-WATT BULB	4058075441446	45	E27	4100	6500	80	NO	200	240	140	12000

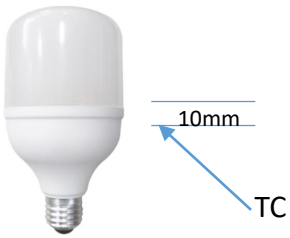
B22d Base

LED Eco HI-WATT BULB	4058075441286	18	B22d	1650	6500	80	NO	200	146	80	12000
LED Eco HI-WATT BULB	4058075441408	36	B22d	3300	6500	80	NO	200	206	120	12000

Energy saving at a glance

LED	Incandescent	CFLi
18W	125W	30W
27W	150W	50W
36W	200W	70W
45W	300W	85W

Temperature



Wattage	Tc
18W	89.3℃
27W	95.1℃
36W	87.3℃
45W	91.1℃

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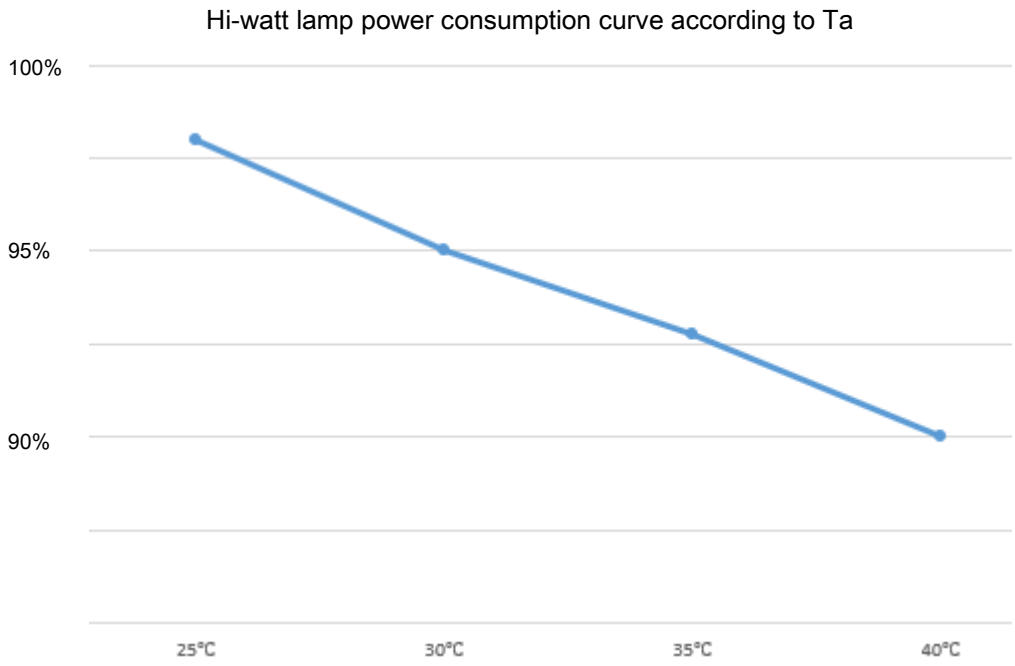
Over Temperature Protection

LEDVANCE Hi-watt lamp has over temperature protection function. When ambient temperature goes too high, LEDVANCE Hi-watt lamp will reduce power consumption automatically in order to prevent product early failure that caused by overheat.



1.All technical parameters apply to the entire lamp lumen out put based on start up condition .Because of the complex manufacturing process for light-emitting diodes (LEDs), the specified typical values for LED technical parameters represent only purely statistical variables. They do not necessarily correspond to the actual technical parameters for each individual product which can deviate from the typical value

2 LED lamps can be operated with a wide variety of commercially-available dimmers; details and results of compatibility tests can be seen at www.ledvance.com/dim and in the additional technical product information sheets linked there

3.The average lifetime of LED lamps is defined as the number of hours when the light output of 50% of a large group of identical lamps goes below 70% of its initial luminous flux (L70B50, IEC62612).The lifetime is estimated at room temperature (25° C), free air burning, base up burning position and at rated voltage

4. The Tc is defined as the highest permissible temperature which may occur on the outer surface of the LED lamp (in the indicated position) under normal operating conditions and at the rated voltage/current/power or the maximum of the rated voltage/current/power range (DIN EN 62031: 2009-01)