



LED HID Passive cooling

LED HID 45W/840/E27/PC 1/12 TU

93119634

Product information

LED HID lamps represent a safe, reliable and energy efficient alternative to HID lamps, specifically for outdoor and industrial applications. Our range offers retrofit replacement for a wide wattage range of E27 and E40 lamp installations. With the classic shape and optimized light distribution, customers can experience high quality LED solution for their existing fixtures without tools or costly upgrades. The new line features a passive cooling system, increasing the energy efficiency of the lamps and thus resulting in reduced operating costs, which savings are also supported by the increased service life of the products ensured by the high quality chips and the active temperature management.

Application areas



Industrial



Street and
pedestrian



Commercial
areas

Product data

Product Code	93119634
Product description	LED HID 45W/840/E27/PC 1/12 TU
Direct Shipment pair	93119607 - LED HID 45W/840/E27/PC 1/12 TU DS
Bulb Diameter [mm]	85
Nominal Length [mm]	212
Net weight per piece [g]	0.82
Dimmability	No
Brand	Tungsrám
Cap/Base	E27

Performance data

Color consistency (SDCM)	6 steps
Weighted energy consumption [kWh/1000h]	45.0
Rated efficacy [lm/W]	140
Energy efficiency class (EEC)	E
Rated life L70/B50 [h]	50000
Nominal correlated colour temperature (CCT) [K]	4000
Nominal lumens [lm]	6300
Colour Rendering Index (CRI) [Ra]	80
Total Harmonic Distortion (THD)	< 20%
Flicker and Stroboscopic Visibility Measure (SVM)	< 0.4

Electrical data

Nominal lamp power factor...	0.9
Operating Temperature (MIN) [°C]	-25
Operating Temperature (MAX) [°C]	50
Starting time (sec)	< 500 ms
Number of switching cycles	15000
Line frequency (Hz)	50-60 Hz
Nominal lamp voltage range [V]	100-240V
Nominal power [W]	45

Logistic data

Shipment	Standard
DUN Code	15994100081101
EAN Code	5994100081104
Pack Quantity	1/12
Product status	Available

Downloads & Links

[Go to the catalog site \(HTTP\)](#)

[Link to EPREL \(HTTP\)](#)

[Datasheet \(PDF\)](#)

[Images \(HTTP\)](#)