



**80**  
kWh/1000h

**A++**  
energy class

**150**  
lumens/watt

## LED HID 80W

LED 80W/HID/750/E40 TU

93105827

### Product information

GE's LED HID lamp offers safe, reliable and affordable energy saving alternative to HID lamps used in outdoor and industrial applications. This 80W LED HID lamp can offer retrofit replacement for high watt E40 HID lamp installations, such as up to 150W High Pressure Sodium (HPS), 100W and 150W Ceramic Metal Halide (CMH), 175W and 250W Quartz Metal Halide (QMH) and 250W and 400W Mercury lamps.

This replacement can be completed simply without costly upgrade. The robust lamp design with E40 base ensures retrofitting and easy handle during installation. The upgraded fixture will deliver up to 80% energy saving and reduced operating cost driven by the increased life.

### Application areas



Industrial



Street and  
pedestrian



Commercial areas

## Product data

Product Code	93105827
Bulb Diameter [mm]	92.2
Bulb maximum overall diameter [mm]	92.2
Maximum Overall Length [mm]	203
Net weight per piece [g]	730
Operating position	Universal
Dimmability	No
RoHS compliant	Yes
Brand	Tungsram
Cap/Base	E40

## Performance data

Nominal/ Rated Beam Angle [°]	360
Colour consistency	4 steps
Rated Lumens [lm]	12000
Weighted energy consumption [kWh/1000h]	80.0
Rated efficacy [lm/W]	150
Energy efficiency class (EEC)	A++
Rated life L70/B50 [h]	50000
Nominal correlated colour temperature (CCT) [K]	5000
Nominal lumens [lm]	12000
Colour Rendering Index (CRI) [Ra]	70

## Electrical data

Nominal lamp power factor...	0.9
Rated power [W]	80.0
Ignition Voltage	No ignition
Lamp Current [A]	220 mA
Operating Temperature [°C]	-30~50 C
Operating Temperature (MIN) [°C]	-30C
Operating Temperature (MAX) [°C]	+50C
Design Ambient Temperature [°C]	25
Startup time [sec]	0.1
Power Factor	0.9
Number of switching cycles	>26000
Dimming Capability	No
Nominal power [W]	80
Nominal lamp voltage [V]	230

## Logistic data

Shipment	Standard
DUN Code	15994100014963
EAN Code	5994100014966
Pack Quantity	1
Inner pack type	Bx
Product status	Available

## Downloads & Links

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

[Datasheet \(PDF\)](#)

[Installation guide \(PDF\)](#)

[Images \(HTTP\)](#)