



80
kWh/1000h

A++
energy class

150
lumens/watt

LED HID 80W

LED 80W/HID/740/E40 TU

93105826

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 | 93105826 |
| 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 | Tungsräm |
| 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] | 4000 |
| 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 | 15994100014956 |
| EAN Code | 5994100014959 |
| Pack Quantity | 1 |
| Inner pack type | Bx |
| Product status | Available |

Downloads & Links

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

[Datasheet \(PDF\)](#)

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

[Images \(HTTP\)](#)

