

These environmentally friendly LED garden and pathway luminaires, create a pleasant light distribution with a high degree of visual comfort. These luminaires offer shielded glare free illumination on ground surface and are perfect for illuminating entrances, footpaths as well as garden and landscape architecture. Clean Lines and pure form are the underlying elements of this series of LED bollards, designed to provide radially symmetric light emission of 360°.

### Product Description

- Luminaire body made of extruded aluminium alloy (grade 6063) with die cast aluminium components and non corrosive SS fasteners.
- For optimum coordination with lighting situation, these luminaires can be supplied in three different heights.
- Non yellowing UV stabilized translucent polycarbonate diffuser.
- Silicone gasket.
- Mounting plate die cast aluminium double powder coat with an anchorage unit and stainless steel fixing screws.
- Luminaire can be aligned on the mounting plate around 360°.
- Cable entries for through-wiring of mains supply cable.
- Integral constant current power supply
- CRI (Ra) :  $\geq 80$
- Prewired with LED driver and suitable for operating on 240V, 50Hz single phase ac supply.
- Ordering guide : KL-4680-CCT (Colour Temperature)
- Available CCT : 2700K, 3000K, 4000K, 5700K



### Product Benefits

- High luminous efficiency at reduced wattage.
- Elegant, Robust design
- Dark sky compliant protects pedestrians from glare by preventing spill light above the horizontal plane.
- Sustainable LED technology offers durability and optimal light output with low power consumption.

### Area of Application

Suitable for gated community and non-public / low density public areas.

### Available Finish

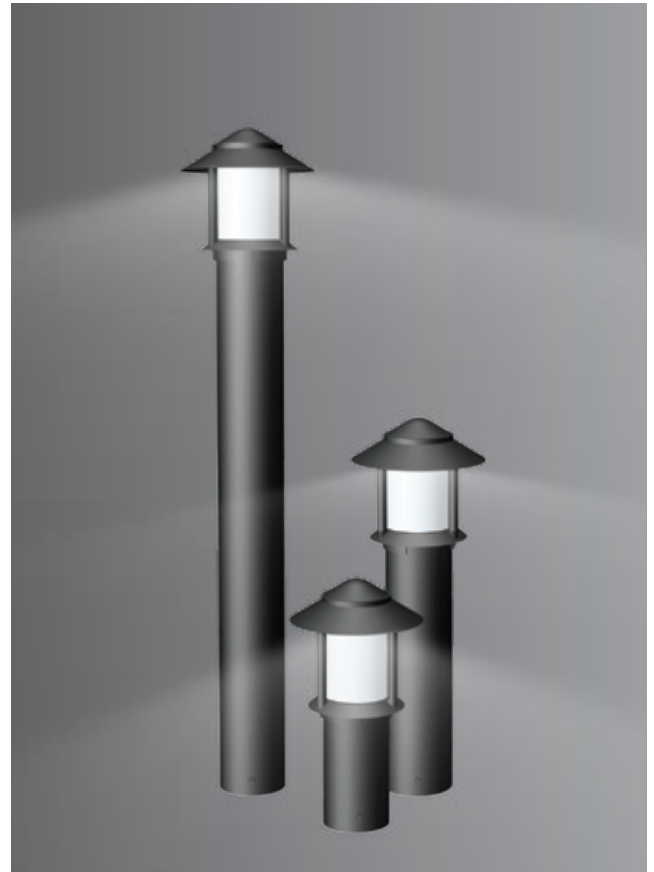
Pure polyester powder coated

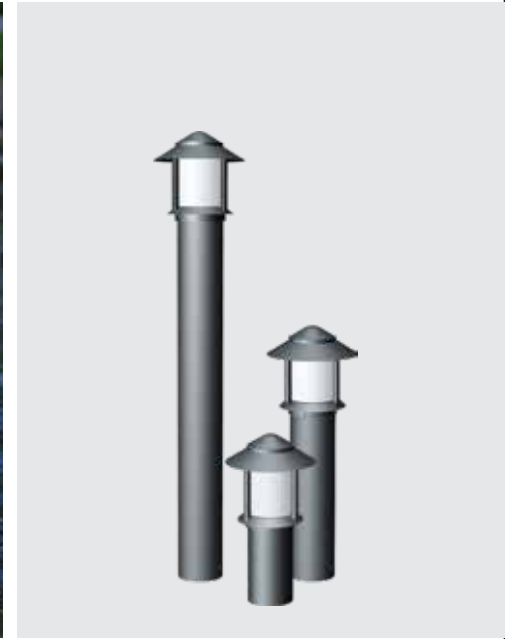
RAL 9004 Signal black

RAL 9007 Grey aluminium

RAL 7016 Anthracite grey

Graphite grey





**Technical Specifications**

**General**

ID : 4680 / 4681 / 4682  
 System Wattage : 8W LED  
 Driver Integral : Constant Current  
 Operating Voltage : 100-277Vac  
 Operating Temperature : -15°C~+50°C

**Light Source**

Light Source : NICHIA  
 CRI (Ra) : ≥80  
 LED Colour Temperature : 2700K / 3000K / 4000K / 5700K

**Physical**

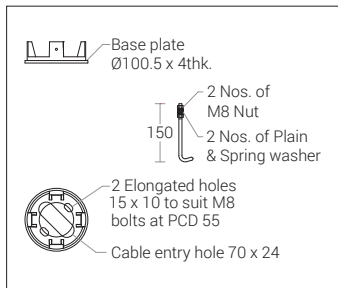
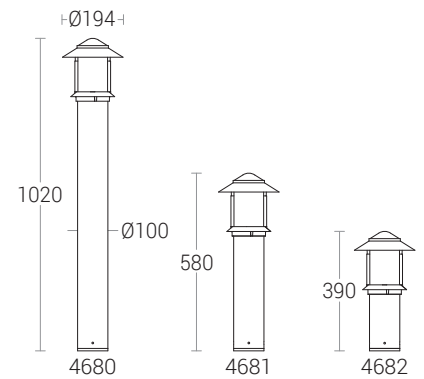
Body : Die-Cast Aluminium with Extruded Aluminium Tube  
 Diffuser : Translucent Polycarbonate  
 Gasket : Silicone  
 Mounting : Surface  
 Finish : Powder coated  
 RAL 9004 Signal black  
 RAL 9007 Grey aluminium  
 RAL 7016 Anthracite grey  
 Graphite grey

**Driver**

Power Supply : Integral  
 Input Voltage : 230-240Vac  
 Frequency : 50-60 Hz  
 Power Factor : ≥0.95  
 THD : <10%  
 Surge Protection : 2.5KV  
 Efficiency : >80%

**Optical Performance**

Light Distribution : Symmetrical



**Note :** It is our constant endeavor to upgrade the performance of our products. For the latest technical information, IES files and product updates please refer to the website at [www.klite.in](http://www.klite.in)