

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 downward radial light emission of 360°.

Product Description

- Luminaire 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 two different heights.
- Translucent acrylic diffuser.
- Silicone gasket.
- Aluminium mounting plate for bolting onto a foundation. 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) : ≥80 (90 CRI - On Request)
- Prewired with LED driver and suitable for operating on 240V, 50Hz single phase ac supply.
- Ordering guide : KL-5591-CCT (Colour Temperature)
- Available CCT : 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 Residential & Public areas for Illuminating Driveways, Pathways, Greenway, Entrances, Squares, Gardens and as well as landscape architecture.

Available Finish

Pure polyester powder coated

- Graphite grey
- Anthracite grey (RAL : 7016)
- Jet black (RAL : 9005)





Technical Specifications

General

ID	: 5544 / 5545
System Wattage	: 16W LED
Driver Integral	: Constant Current
Input Voltage	: 230-240Vac
Frequency	: 50-60 Hz
Operating Voltage	: 100-277Vac
Operating Temperature	: -15°C~+50°C

Physical

Body	: Die-Cast Aluminium with Extruded Aluminium Tube
Diffuser	: Translucent Acrylic
Gasket	: Silicone
Mounting	: Surface
Finish	: Powder Coated Graphite Grey / Jet Black Anthracite Grey

Light Source

Light Source	: NICHIA
LED Lumens	: 2400 lm
CRI (Ra)	: >80
LED Colour Temperature	: 3000K / 4000K / 5700K

Driver

Power Supply	: Integral
Power Factor	: >0.95
THD	: <10%
Surge Protection	: 3KV
Efficiency	: >85%

Optical Performance

Colour Temperature	: 3000K / 4000K / 5700K
Luminous flux	: 963 lm / 1090 lm / 916 lm
Light Distribution	: Symmetrical



Photometric Data

