These environmentally friendly LED garden and pathway luminaires, create a pleasant light distribution with a high degree of visual comfort. These luminaries 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 made of extruded aluminium alloy (grade 6063) with die-cast aluminium components and non corrosive SS fasteners.
• Shielded light source .
• For optimum illumination, these luminaires can be supplied in three different heights.
• Reflector system made of spun aluminium (powder coated white).
• Non yellowing UV stabilized clear 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) : ≥80 (90 CRI - On Request)
• Prewired with LED driver and suitable for operating on 240V, 50Hz single phase ac supply.
• Ordering guide : KL-5568-CCT (Colour Temperature)
• Available CCT : 2700K, 3000K, 4000K, 5700K

§ | CE | ⏚ | IP65 | IK08

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

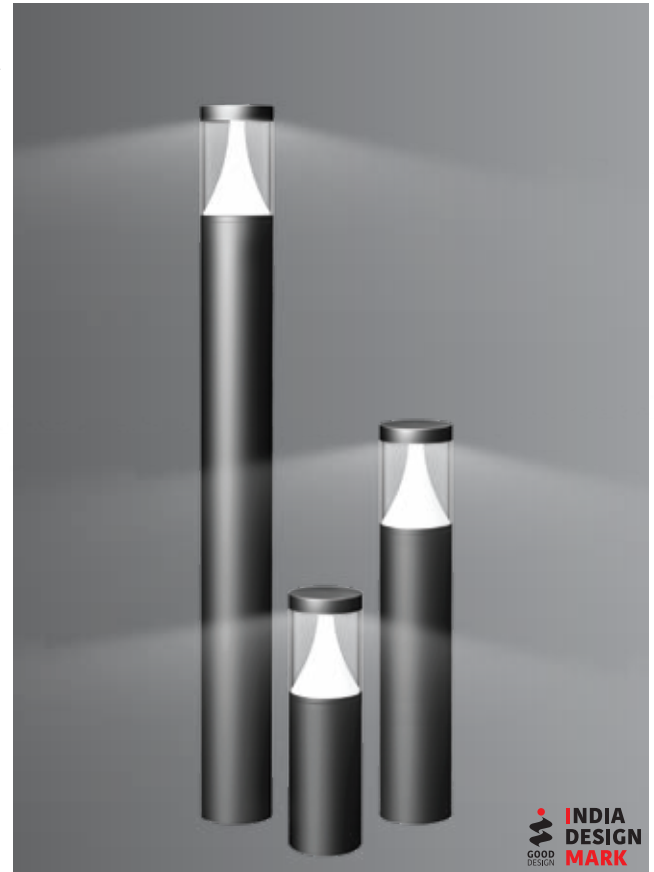Suitable for gated community and non-public / low density public areas.

Available Finish

Pure polyester powder coated
RAL 9004 Signal black
RAL 9007 Grey aluminium
RAL 7016 Anthracite grey
Graphite grey

SMART CITY, TRICHY

Technical Specifications

General

ID	: 5568 / 5569 / 5570
System Wattage	: 8W LED
Driver Integral	: Constant Current
Operating Voltage	: 100-277Vac
Operating Temperature	: -15°C~+50°C

Physical

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

Light Source

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

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

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Ø100

1005 — 5568
565 — 5569
375 — 5570

Base plate
Ø100.5 x 4thk.

2 Nos. of M8 Nut
2 Nos. of Plain & Spring washer
150

2 Elongated holes 15 x 10 to suit M8 bolts at PCD 55

Cable entry hole 70 x 24