

LED compact spot light luminaires designed to provide directional light. The luminaires comes with a connecting cable and bracket for permanent installation on a wall, under a ceiling or on a column.

Product Description

- Luminaire made of pressure die cast aluminium alloy of high corrosion resistance and non corrosive stainless steel fasteners.
- Clear toughened glass.
- Mounting Die-cast aluminium bracket arrangement to facilitate easy installation at any desired location.
- Swivel range of 0°-90° & Rotational 360°.
- Luminaire supplied with 0.5 metre cable length.
- Silicone gasket.
- Cable entries for through-wiring of mains supply cable.
- Integral constant current power supply
- CRI (Ra) : ≥80
- Prewired with LED driver and suitable for operating on 240V, 50Hz single phase ac supply.
- Ordering guide : KL-24592-CCT (Colour Temperature)
- Available CCT : 2700K / 3000K / 4000K / 6500K



Product Benefits

- Sturdy construction in order to maintain performance of the luminaire and to reduce maintenance costs.
- Quick & simple installation.
- Clear glass in the front with continuous rubber gasket to ensure adequate sealing against ingress of moisture, dust, insects etc.,
- Sustainable LED technology offers durability and optimal light output with low power consumption.

Areas of Application

Pathways, Parks, Sculptures, Gardens, Structures and Landscape lighting.

Available Finish

Pure polyester powder coated

RAL 9004 Black

RAL 9007 Grey aluminium

RAL 7016 Anthracite grey

Graphite grey

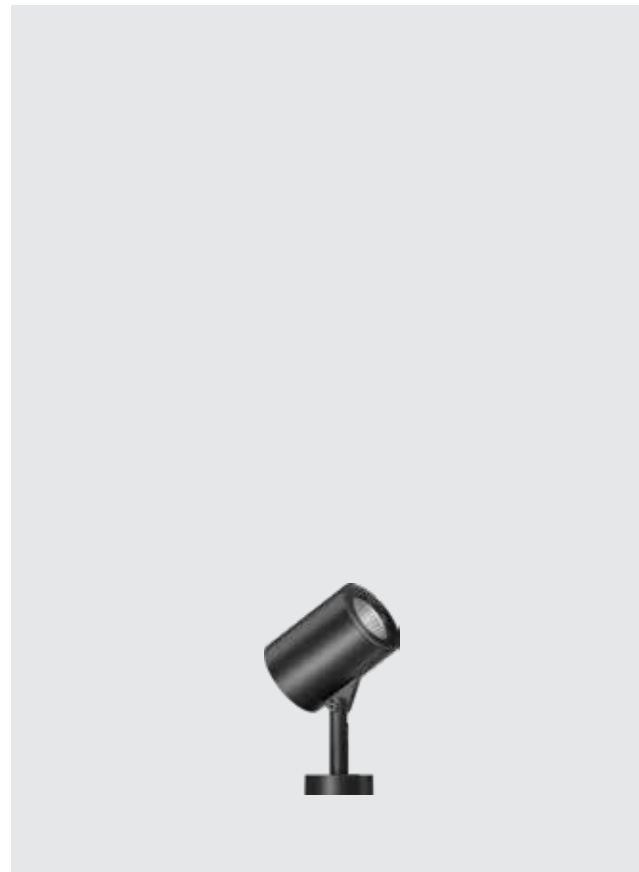
Accessory



Anti-Glare
Visor

Spill Control
Snoot

Honey Comb
Louvre





VR MALL, CHENNAI



Technical Specifications

General

ID	: 24592
System Wattage	: 8W / 12W LED
Driver Integral	: Constant Current
Operating Voltage	: 100-300Vac
Operating Temperature	: -15°C~+50°C

Light Source

Light Source	: CITIZEN
CRI (Ra)	: >80
LED Colour Temperature	: 2700K / 3000K / 4000K / 6500K

Physical

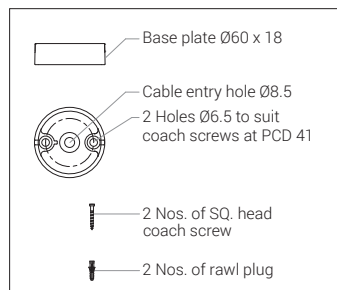
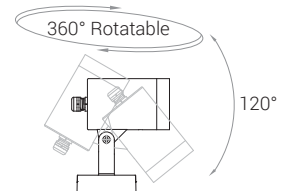
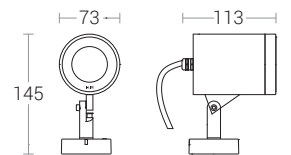
Body	: Die-cast Aluminium Alloy
Diffuser	: Clear Toughened Glass
Mounting	: Die-cast Aluminium Bracket
Finish	: Powder coated
	RAL 9004 Black
	RAL 9007 Grey aluminium
	RAL 7016 Anthracite grey
	Graphite grey

Driver

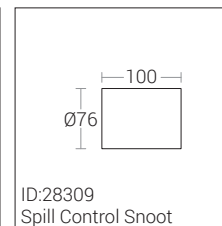
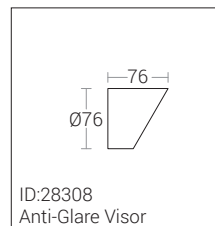
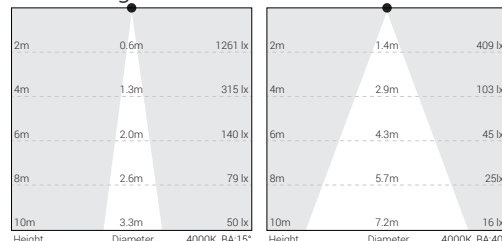
Power Supply	: Integral
Input Voltage	: 230-240Vac
Frequency	: 50-60 Hz
Power Factor	: >0.95
THD	: <10%
Surge Protection	: 4KV
Efficiency	: >80%

Optical Performance

Beam Angle	: 8° for 8W
	15° / 25° / 40° for 12W



Cone Diagram



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

Water Arrestor

Additional Feature

A water arrestor in lighting products serves to prevent water intrusion into the fixture, which is especially important given the exposure to outdoor conditions and possible water pooling around the fixture. Its main functions are :

Pressure Regulation :

The water arrestor helps regulate internal pressure changes that can occur due to temperature fluctuations. This reduces the risk of water being drawn into the fixture when it cools and contracts & Supports pressure equalization to avoid condensation buildup inside the housing.

Seal Protection :

By acting as a barrier to water vapor or moisture, the arrestor helps maintain the integrity of seals and gaskets over time, reducing the risk of water ingress and extending the life of the fixture.

Enhanced Durability :

Preventing moisture inside the fixture avoids corrosion, electrical shorts, and fogging of the lens, ensuring optimal lighting performance and reducing maintenance needs. Protects internal electrical components from moisture damage.

In short, a water arrestor enhances the longevity and performance of lighting products by keeping internal components dry.

