

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) :  $\geq 80$
- Prewired with LED driver and suitable for operating on 240V, 50Hz single phase ac supply.
- Ordering guide : KL-24590-CCT (Colour Temperature)
- Available CCT : 2700K / 3000K / 4000K / 5700K



### 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

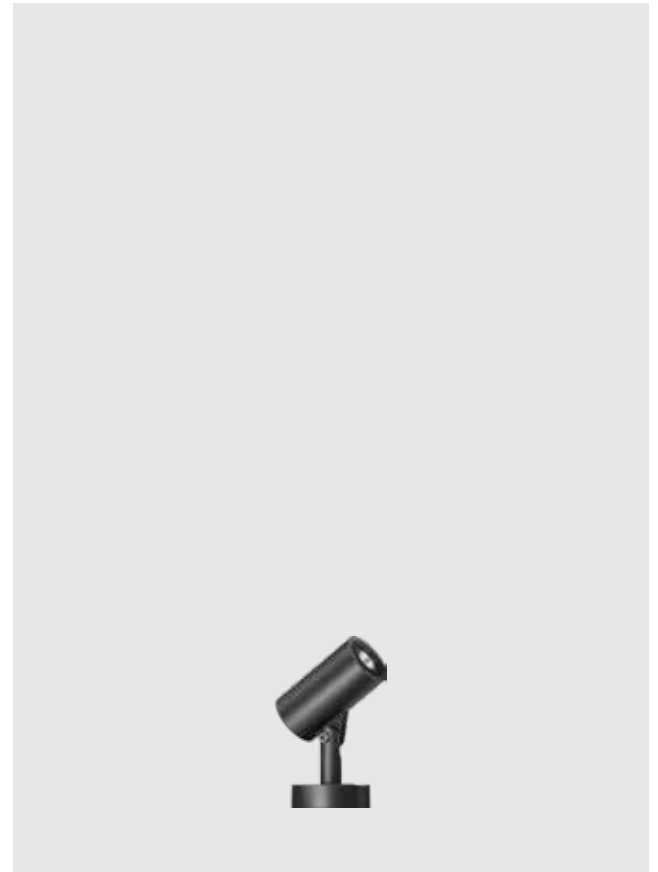
### Accessory

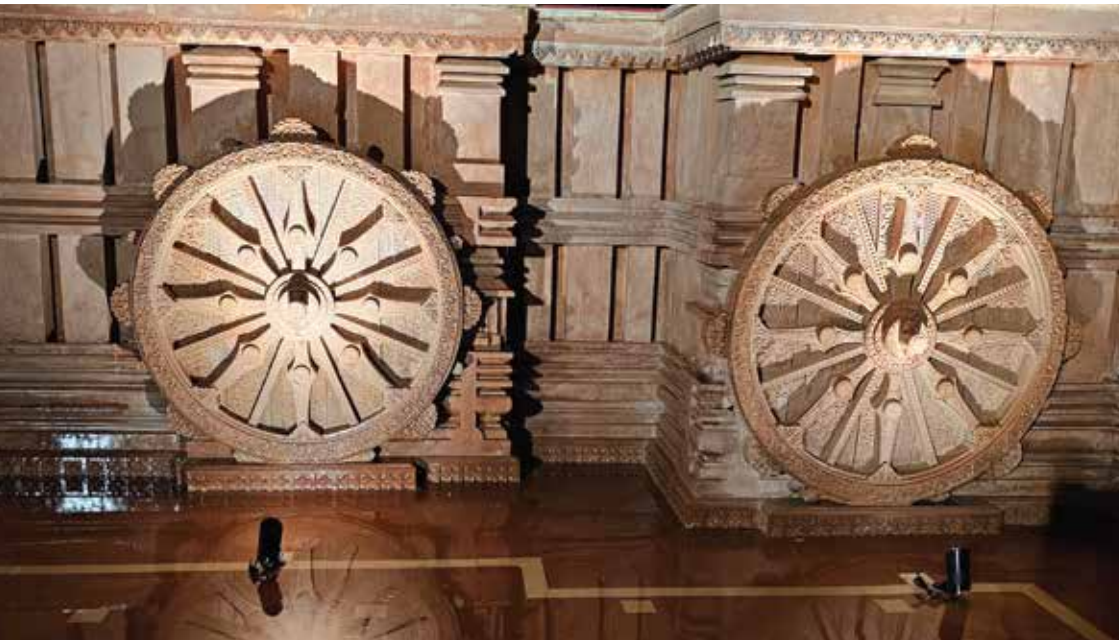


Anti-Glare  
Visor

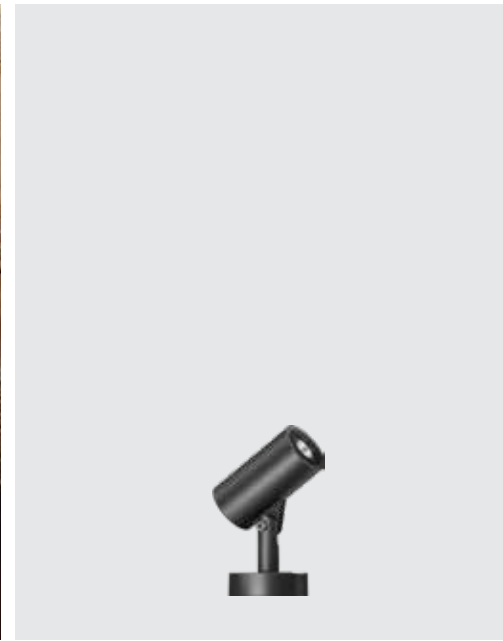
Spill Control  
Snoot

Honey Comb  
Louvre





SUN TEMPLE, GWALIOR



**Technical Specifications**

**General**

ID	: 24590
System Wattage	: 3W LED
Driver Integral	: Constant Current
Operating Voltage	: 150-270Vac
Operating Temperature	: -15°C~+50°C

**Light Source**

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

**Physical**

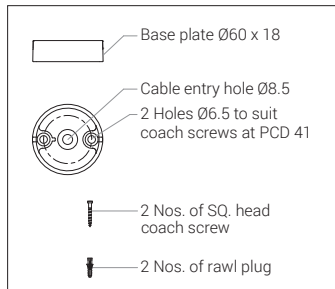
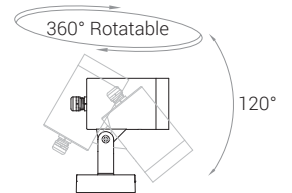
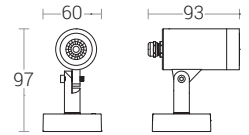
Body	: Die-cast Aluminium Alloy
Diffuser	: Clear Toughened Glass
Mounting	: Die-cast Aluminium Bracket
Finish	: Powder coated RAL 9004 Black RAL 9007 Grey aluminium RAL 7016 Anthracite grey Graphite grey

**Driver**

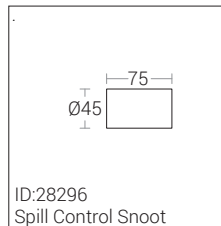
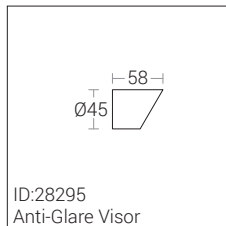
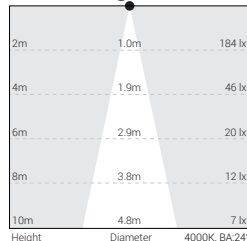
Power Supply	: Integral
Input Voltage	: 230-240Vac
Frequency	: 50-60 Hz

**Optical Performance**

Beam Angle	: 12° / 24° / 40°
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**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](http://www.klite.in)

# K-LITE

## 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.

