

These energy efficient In-ground recessed luminaire's are designed to create luminous walkways, or accentuate architecture elements in facades and landscapes providing distinctive lighting effects. Designed for high lumen efficiency at reduced wattage creating exceptional lighting effects.

### Product Description

- Luminaire made up of pressure die-cast aluminium & Stainless steel.
- Hard chromeplated stainless steel 316 grade front ring.
- Silicone gasket.
- Toughened clear glass of 8mm thickness.
- Luminaire hard wired with 3 x 0.5mm<sup>2</sup> cable of 0.5 metre length.
- Supplied with mounting sleeve for preparing recessed opening in ground.
- Cable entries for through-wiring of mains supply cable.
- Integral constant current power supply
- CRI (Ra) : 90
- Prewired with LED driver and suitable for operating on 240V, 50Hz single phase ac supply.
- Ordering guide : KL-21789-CCT (Colour Temperature)
- Available CCT : 2700K, 3000K, 4000K, 6500K



### Product Benefits

- High luminous efficiency at reduced wattage.
- A sleek and minimalist shape provides distinctive lighting effects for inground and wall architecture.
- Sustainable LED technology offers durability and optimal light output with low power consumption.

### Area of Application

Walk ways, Facades, Landscapes, Architectural elements.

### Accessory

- Additional IP68 rated connector needed for installation.
- ABS Plastic outer costing for easy installation.





RELIANCE GIR TEMPLE JUNAGADH, GUJARAT



## Technical Specifications

### General

|                       |                    |
|-----------------------|--------------------|
| ID                    | : 21789            |
| System Wattage        | : 12W / 18W        |
| Driver Integral       | : Constant Current |
| Operating Voltage     | : 100-277Vac       |
| Operating Temperature | : -15°C~+50°C      |

### Physical

|                 |                                  |
|-----------------|----------------------------------|
| Body            | : Die-cast Aluminium             |
| Front Ring      | : 316 Grade Stainless Steel      |
| Diffuser        | : Toughened Clear<br>Glass T=8mm |
| Mounting Sleeve | : ABS - Black                    |
| Mounting        | : Floor - Recess                 |

### Light Source

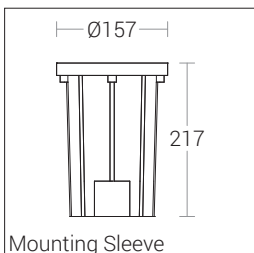
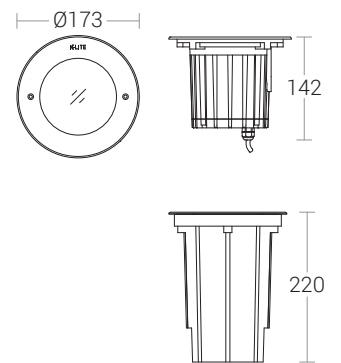
|                        |                                    |
|------------------------|------------------------------------|
| Light Source           | : CITIZEN                          |
| CRI (Ra)               | : 90                               |
| LED Colour Temperature | : 2700K / 3000K / 4000K<br>/ 6500K |

### Driver

|                  |            |
|------------------|------------|
| Power Supply     | : Integral |
| Input Voltage    | : 240Vac   |
| Frequency        | : 50-60 Hz |
| Power Factor     | : ≥0.9     |
| THD              | : <10%     |
| Surge Protection | : 2.5KV    |
| Efficiency       | : >85%     |

### Optical Performance

|                    |                |
|--------------------|----------------|
| Light Distribution | : Asymmetrical |
|--------------------|----------------|



Mounting Sleeve

**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)

## 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.

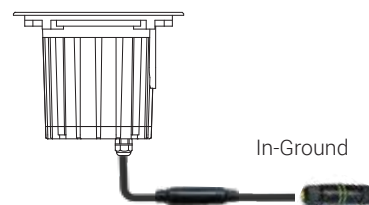
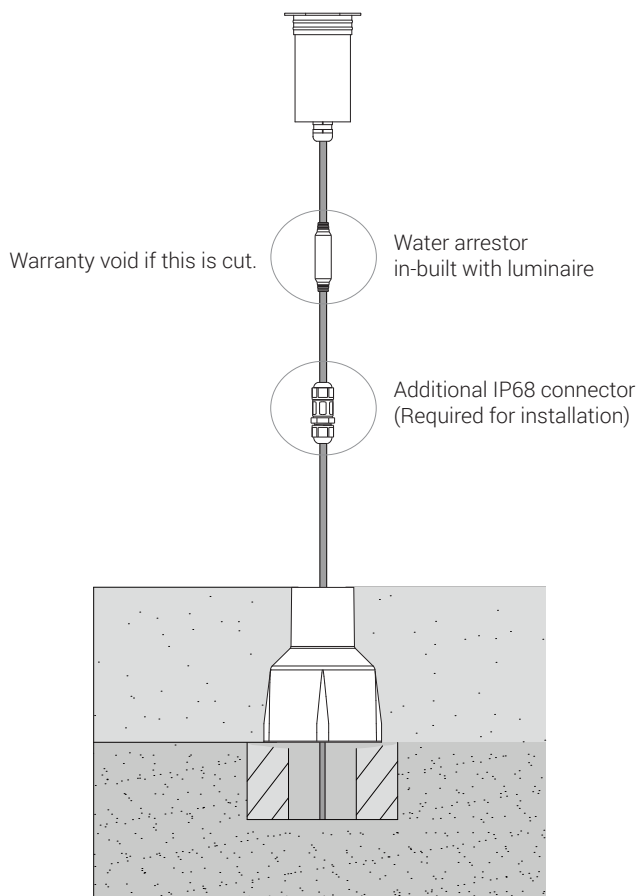
#### Seal Protection :

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.



### Additional IP68 connector (Required for installation)



Warranty void if this water arrestor is cut.