

Compact and efficient ceiling mounted down lighters. High protection class & lumen output makes it versatile solution for both indoor & outdoor applications.

### Product Description

- Luminaire made of pressure die cast aluminium, extruded aluminium & non corrosive stainless steel fasteners.
- Clear toughened glass.
- Silicone gasket.
- Hybrid optics with lens & reflector combination for higher efficiency, lower optical losses with optimum glare suppression.
- Cast aluminium plate for surface mounting onto the ceiling.
- Surface mounting on ceiling using hardware after connecting to the power supply.
- 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-3643-CCT (Colour Temperature)
- Available CCT : 2700K, 4000K (CW on request)



### Product Benefits

- High luminous efficiency at reduced wattage.
- Quick & simple installation.
- Clear glass in the front with continuous silicone gasket to ensure adequate sealing.
- Sustainable LED technology offers durability and optimal light output with low power consumption.

### Area of Application

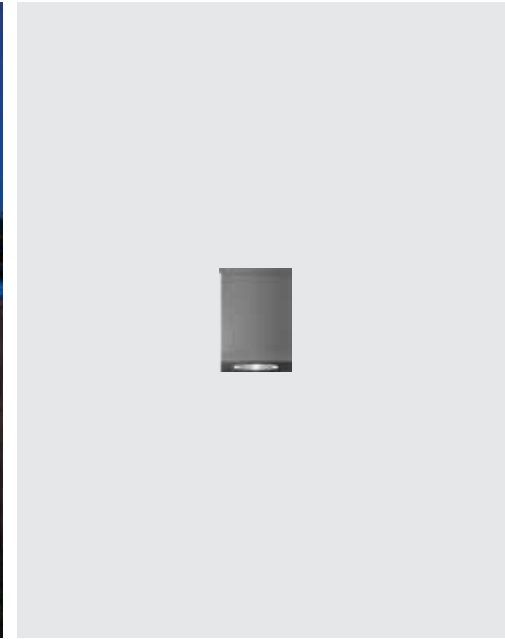
Lobbies & Foyers, Retail outlets, Corridors, Corporate, Residential & Educational premises, Hospitality Industry, Commercial & Business Centers.

### Available Finish

Pure polyester powder coated

- Graphite grey
- Anthracite grey
- Jet black





### Technical Specifications

#### General

ID	: 3643
System Wattage	: 6W LED
Driver Integral	: Constant Current
Input Voltage	: 230-240Vac
Frequency	: 50-60 Hz
Operating Voltage	: 100-300Vac
Operating Temperature	: -15°C~+50°C

#### Physical

Body	: Extruded & die-cast aluminium
Reflector	: Mirror finish pure AL
Diffuser	: Clear toughened glass
Mounting	: Surface - Ceiling
Finish	: Graphite Grey Anthracite Grey Jet Black

#### Light Source

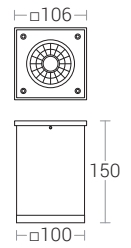
Light Source	: CITIZEN COB
CRI (Ra)	: >80
LED Colour Temperature	: 2700K, 4000K

#### Driver

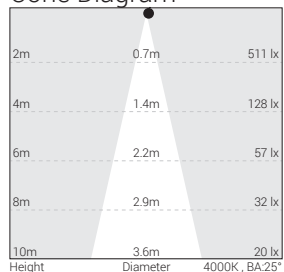
Power Supply	: Integral
Power Factor	: ≥0.95
THD	: <15%
Surge Protection	: 4KV
Efficiency	: >80%

#### Optical Performance

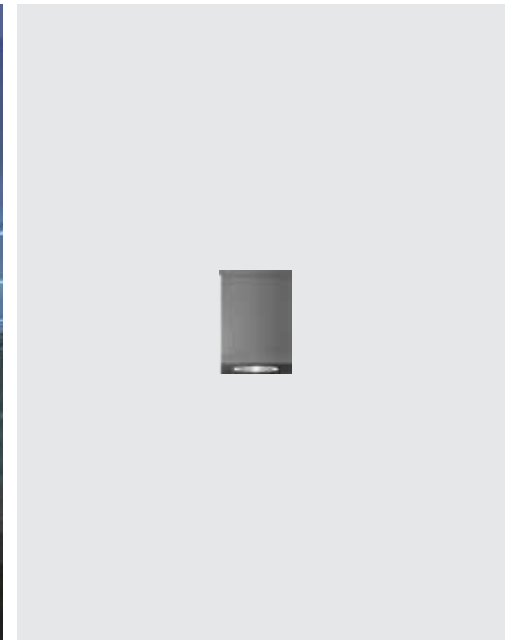
Beam Angle	: 15° / 25° / 40°
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#### Cone Diagram



**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)



**Technical Specifications**

**General**

ID	: 3644
System Wattage	: 12W LED
Driver Integral	: Constant Current
Input Voltage	: 230-240Vac
Frequency	: 50-60 Hz
Operating Voltage	: 100-300Vac
Operating Temperature	: -15°C~+50°C

**Physical**

Body	: Extruded & die-cast aluminium
Reflector	: Mirror finish pure AL
Diffuser	: Clear toughened glass
Mounting	: Surface - Ceiling
Finish	: Graphite Grey Anthracite Grey Jet Black

**Light Source**

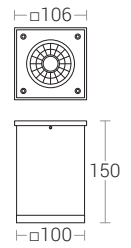
Light Source	: CITIZEN COB
CRI (Ra)	: >80
LED Colour Temperature	: 2700K, 4000K

**Driver**

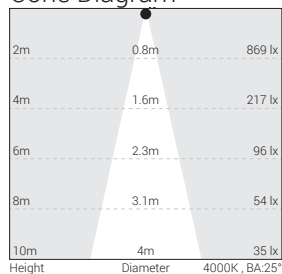
Power Supply	: Integral
Power Factor	: ≥0.95
THD	: <10%
Surge Protection	: 4KV
Efficiency	: >80%

**Optical Performance**

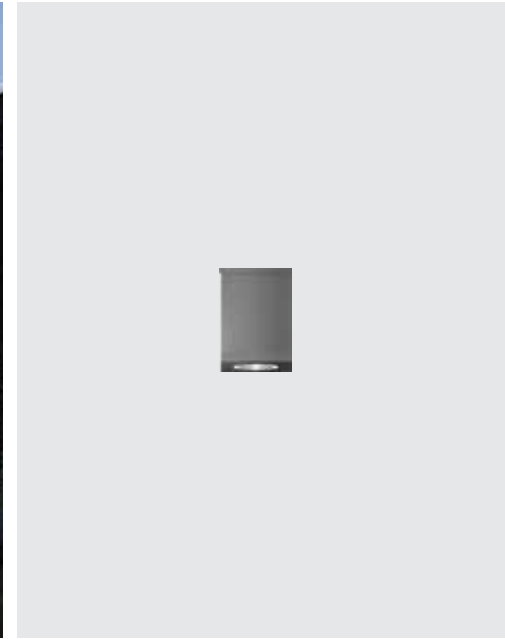
Beam Angle	: 15° / 25° / 40°
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**Cone Diagram**



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### Technical Specifications

#### General

ID	: 3645
System Wattage	: 18W LED
Driver Integral	: Constant Current
Input Voltage	: 230-240Vac
Frequency	: 50-60 Hz
Operating Voltage	: 100-300Vac
Operating Temperature	: -15°C~+50°C

#### Physical

Body	: Extruded & die-cast aluminium
Reflector	: Mirror finish pure AL
Diffuser	: Clear toughened glass
Mounting	: Surface - Ceiling
Finish	: Graphite Grey Anthracite Grey Jet Black

#### Light Source

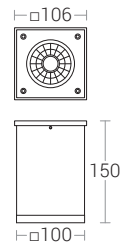
Light Source	: CITIZEN COB
CRI (Ra)	: >80
LED Colour Temperature	: 2700K, 4000K

#### Driver

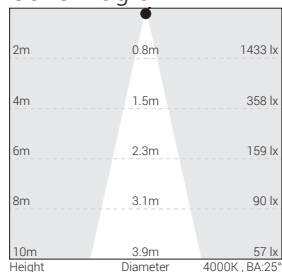
Power Supply	: Integral
Power Factor	: ≥0.95
THD	: <10%
Surge Protection	: 4KV
Efficiency	: >80%

#### Optical Performance

Beam Angle	: 15° / 25° / 40°
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### Cone Diagram



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