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) : >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, 3000K, 4000K, 6500K

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## 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.
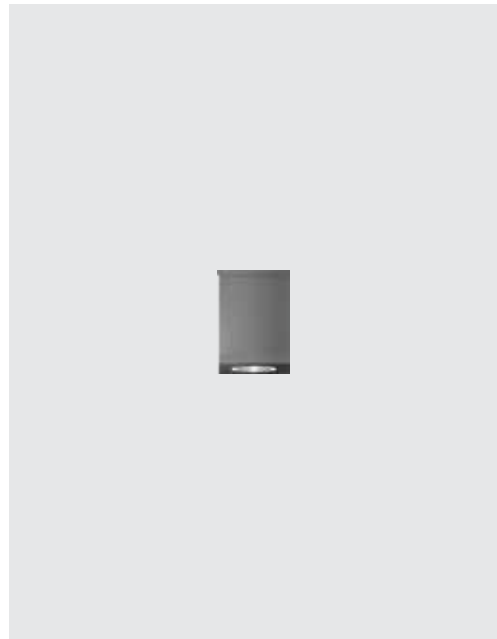
## Area of Application

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

## Available Finish

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

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## Technical Specifications

### General

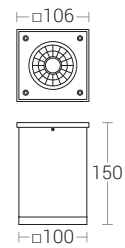| | |
|---|---|
| ID | : 3643 |
| System Wattage | : 6W LED |
| Driver Integral | : Constant Current |
| Operating Voltage | : 100-300Vac |
| Operating Temperature | : -15°C~+50°C |

### Physical

| | |
|---|---|
| Body | : Extruded & die-cast aluminium |
| Reflector | : Mirror finish pure AL |
| Diffuser | : Clear toughened glass |
| Mounting | : Surface - Ceiling |
| Finish | : Powder coated |
| | RAL 9004 Signal black |
| | RAL 9007 Grey aluminium |
| | RAL 7016 Anthracite grey |
| | Graphite grey |

### Light Source

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

### Driver

| | |
|---|---|
| Power Supply | : Integral |
| Input Voltage | : 230-240Vac |
| Frequency | : 50-60 Hz |
| Power Factor | : ≥0.95 |
| THD | : <15% |
| Surge Protection | : 4KV |
| Efficiency | : >80% |
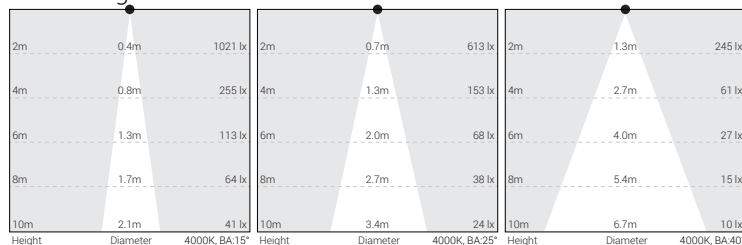
### Optical Performance

| | |
|---|---|
| Beam Angle | : 15° / 25° / 40° |

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## Cone Diagram

| Height | Diameter | 4000K, BA:15° |
|---|---|---|
| 2m | 0.4m | 1021 lx |
| 4m | 0.8m | 255 lx |
| 6m | 1.3m | 113 lx |
| 8m | 1.7m | 64 lx |
| 10m | 2.1m | 41 lx |

| Height | Diameter | 4000K, BA:25° |
|---|---|---|
| 2m | 0.7m | 613 lx |
| 4m | 1.3m | 153 lx |
| 6m | 2.0m | 68 lx |
| 8m | 2.7m | 38 lx |
| 10m | 3.4m | 24 lx |

| Height | Diameter | 4000K, BA:40° |
|---|---|---|
| 2m | 1.3m | 245 lx |
| 4m | 2.7m | 61 lx |
| 6m | 4.0m | 27 lx |
| 8m | 5.4m | 15 lx |
| 10m | 6.7m | 10 lx |

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

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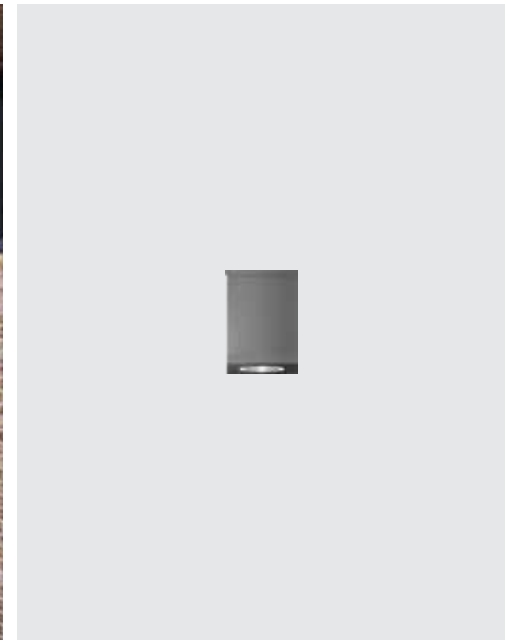
## Technical Specifications

### General

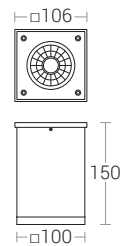| | |
|---|---|
| ID | : 3644 |
| System Wattage | : 12W LED |
| Driver Integral | : Constant Current |
| Operating Voltage | : 100-300Vac |
| Operating Temperature | : -15°C~+50°C |

### Physical

| | |
|---|---|
| Body | : Extruded & die-cast aluminium |
| Reflector | : Mirror finish pure AL |
| Diffuser | : Clear toughened glass |
| Mounting | : Surface - Ceiling |
| Finish | : Powder coated RAL 9004 Signal black RAL 9007 Grey aluminium RAL 7016 Anthracite grey Graphite grey |

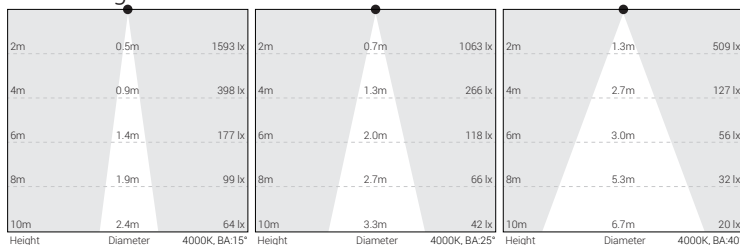### Light Source

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

### 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 | : 15° / 25° / 40° |

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## Cone Diagram

| Height | Diameter | 4000K, BA:15° | Height | Diameter | 4000K, BA:25° | Height | Diameter | 4000K, BA:40° |
|---|---|---|---|---|---|---|---|---|
| 2m | 0.5m | 1593 lx | 2m | 0.7m | 1063 lx | 2m | 1.3m | 509 lx |
| 4m | 0.9m | 398 lx | 4m | 1.3m | 266 lx | 4m | 2.7m | 127 lx |
| 6m | 1.4m | 177 lx | 6m | 2.0m | 118 lx | 6m | 3.0m | 56 lx |
| 8m | 1.9m | 99 lx | 8m | 2.7m | 66 lx | 8m | 5.3m | 32 lx |
| 10m | 2.4m | 64 lx | 10m | 3.3m | 42 lx | 10m | 6.7m | 20 lx |

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## Technical Specifications

### General

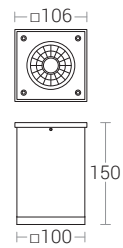| | |
|---|---|
| ID | : 3645 |
| System Wattage | : 18W LED |
| Driver Integral | : Constant Current |
| Operating Voltage | : 100-300Vac |
| Operating Temperature | : -15°C~+50°C |

### Physical

| | |
|---|---|
| Body | : Extruded & die-cast aluminium |
| Reflector | : Mirror finish pure AL |
| Diffuser | : Clear toughened glass |
| Mounting | : Surface - Ceiling |
| Finish | : Powder coated RAL 9004 Signal black RAL 9007 Grey aluminium RAL 7016 Anthracite grey Graphite grey |

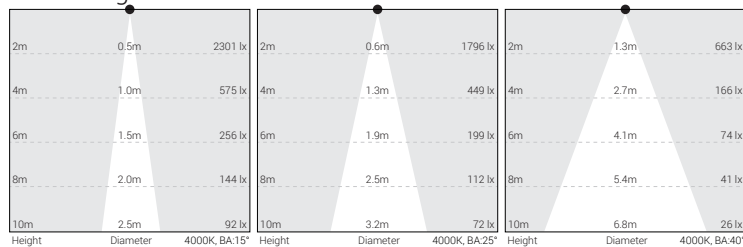### Light Source

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

### 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 | : 15° / 25° / 40° |

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## Cone Diagram

| Height | Diameter | 4000K, BA:15° |
|---|---|---|
| 2m | 0.5m | 2301 lx |
| 4m | 1.0m | 575 lx |
| 6m | 1.5m | 256 lx |
| 8m | 2.0m | 144 lx |
| 10m | 2.5m | 92 lx |

| Height | Diameter | 4000K, BA:25° |
|---|---|---|
| 2m | 0.6m | 1796 lx |
| 4m | 1.3m | 449 lx |
| 6m | 1.9m | 199 lx |
| 8m | 2.5m | 112 lx |
| 10m | 3.2m | 72 lx |

| Height | Diameter | 4000K, BA:40° |
|---|---|---|
| 2m | 1.3m | 663 lx |
| 4m | 2.7m | 166 lx |
| 6m | 4.1m | 74 lx |
| 8m | 5.4m | 41 lx |
| 10m | 6.8m | 26 lx |

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