

Karona Fort street light is a special purpose outdoor luminaire, integral model, totally weather proof aesthetically contoured. Improved long lasting protection against ingress of dust / moisture / insects inside optical compartment.

### Product Description

- Luminaire comprises of specially contoured spun aluminium body, extruded aluminium & die cast aluminum top cover featuring high strength and anti corrosion.
- Non yellowing, UV stabilised, Convex type clear acrylic diffuser.
- EPDM gasket.
- Luminaire integrated with 150W LED.
- Suitable for mounting to internally threaded pipe of designation M30.
- Cable entries for through-wiring of mains supply cable.
- Integral constant current power supply
- Suitable for operation on 240V, 50Hz single phase ac supply.
- Ordering guide : KL-4620-CCT (Colour Temperature)
- Available CCT : 3000K, 4000K, 5700K



### Product Benefits

- High luminous efficiency at reduced wattage.
- Functionally versatile, strong and stable.
- Corrosion resistant and easy maintenance.
- Quick installation and low assembly costs.
- Sustainable LED technology offers durability and optimal light output with low power consumption

### Area of Application

Street Lighting, Expressways, Private driveways, Residential Area Lighting, Courtyards, Public area lighting like parks & Squares

### Available Finish

Pure polyester powder coated

- Graphite grey
- Anthracite grey
- Jet black





Technical Specifications

General

|                       |                    |
|-----------------------|--------------------|
| ID                    | : 4620             |
| System Wattage        | : 150W LED         |
| Driver Integral       | : Constant Current |
| Input Voltage         | : 230 - 240Vac     |
| Frequency             | : 50-60Hz          |
| Operating Voltage     | : 100-277Vac       |
| Operating Temperature | : -15°C~+50°C      |

Physical

|          |  |
|----------|--|
| Body     | : Aluminium  |
| Diffuser | : Convex type clear acrylic  |
| Mounting | : Suitable for mounting to internally threaded pipe of designation : M30 |
| Finish   | : Powder coated<br>Graphite grey / Jet black<br>Anthracite grey          |

Light Source

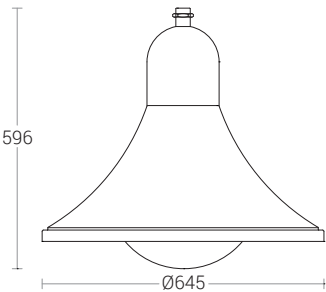
|                        |                         |
|------------------------|-------------------------|
| Light Source           | : LUMILEDS / OSRAM      |
| CRI (Ra)               | : >70                   |
| LED Colour Temperature | : 3000K / 4000K / 5700K |

Driver

|                  |            |
|------------------|------------|
| Power Supply     | : Integral |
| Power Factor     | : >0.95    |
| THD              | : <10%     |
| Surge Protection | : 6KV      |
| Efficiency       | : >85%     |

Optical Performance

|                    |            |
|--------------------|------------|
| Light Distribution | : Type III |
|--------------------|------------|



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### Product Description

- Luminaire comprises of specially contoured spun aluminium body, extruded aluminium & die cast aluminum top cover featuring high strength and anti corrosion.
- Non yellowing, UV stabilised, Convex type clear acrylic diffuser.
- EPDM gasket.
- Luminaire integrated with 100W LED.
- Suitable for mounting to internally threaded pipe of designation M30.
- Cable entries for through-wiring of mains supply cable.
- Integral constant current power supply
- Suitable for operation on 240V, 50Hz single phase ac supply.
- Ordering guide : KL-6800-CCT (Colour Temperature)
- Available CCT : 3000K, 4000K, 5700K



### Product Benefits

- High luminous efficiency at reduced wattage.
- Functionally versatile, strong and stable.
- Corrosion resistant and easy maintenance.
- Quick installation and low assembly costs.
- Sustainable LED technology offers durability and optimal light output with low power consumption

### Product Benefits

Street Lighting, Expressways, Private driveways, Residential Area Lighting, Courtyards, Public area lighting like parks & Squares

### Available Finish

Pure polyester powder coated

- Graphite grey
- Anthracite grey
- Jet black





Technical Specifications

General

|                       |                    |
|-----------------------|--------------------|
| ID                    | : 6800             |
| System Wattage        | : 100W LED         |
| Driver Integral       | : Constant Current |
| Input Voltage         | : 230 - 240Vac     |
| Frequency             | : 50-60Hz          |
| Operating Voltage     | : 100-277Vac       |
| Operating Temperature | : -15°C~+50°C      |

Physical

|          |  |
|----------|--|
| Body     | : Spun aluminium, Extruded aluminium & Die-cast aluminium                |
| Diffuser | : Convex type clear acrylic  |
| Mounting | : Suitable for mounting to internally threaded pipe of designation : M30 |
| Finish   | : Powder coated<br>Graphite grey / Jet black<br>Anthracite grey          |

Light Source

|                        |                         |
|------------------------|-------------------------|
| Light Source           | : OSRAM / LUMILED       |
| CRI (Ra)               | : >70                   |
| LED Colour Temperature | : 3000K / 4000K / 5700K |

Driver

|                  |            |
|------------------|------------|
| Power Supply     | : Integral |
| Power Factor     | : >0.95    |
| THD              | : <10%     |
| Surge Protection | : 6KV      |
| Efficiency       | : >88%     |

Optical Performance

|                    |           |
|--------------------|-----------|
| Light Distribution | : Type IV |
|--------------------|-----------|

