

Helena 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 & extruded aluminium featuring high strength and anti corrosion.
- Non yellowing, UV stabilised clear acrylic / polycarbonate diffuser.
- Luminaire integrated with 50W / 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-4618-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, Smaller Roadways, 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	: 4618
System Wattage	: 50W 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 & Extruded aluminium
Diffuser	: Clear acrylic / Clear polycarbonate
Mounting	: Suitable for mounting to internally threaded pipe of designation : M30
Finish	: Powder Coated Graphite Grey / Jet Black Anthracite Grey

Light Source

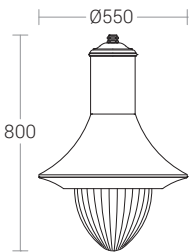
Light Source	: OSRAM / LUMILED
LED Lumens	: 7500 lm
CRI (Ra)	: >80
LED Colour Temperature	: 3000K / 4000K / 5700K

Driver

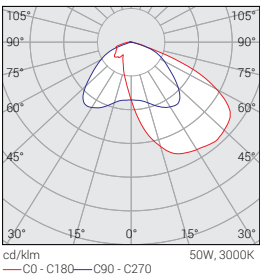
Power Supply	: Integral
Power Factor	: >0.95
THD	: <10%
Surge Protection	: 6KV
Efficiency	: >88%

Optical Performance

Colour Temperature	: 3000K / 4000K / 5700K
Luminous flux	: 6362 / 6462 / 6513 lm
Optical Distribution	: Type IV



Photometric Data





Technical Specifications

General

ID	: 4617
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 & Extruded aluminium
Diffuser	: Clear acrylic / Clear polycarbonate
Mounting	: Suitable for mounting to internally threaded pipe of designation : M30
Finish	: Powder Coated Graphite Grey / Jet Black Anthracite Grey

Light Source

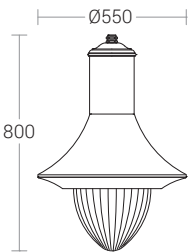
Light Source	: OSRAM / LUMILED
LED Lumens	: 15000 lm
CRI (Ra)	: >80
LED Colour Temperature	: 3000K / 4000K / 5700K

Driver

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

Optical Performance

Colour Temperature	: 3000K / 4000K / 5700K
Luminous flux	: 11600 / 12062 / 12078 lm
Optical Distribution	: Type IV



Photometric Data

