

Innovative Design options to provide Visual integration with the environment. High Brightness, LED Light source do not pose any environment risks. Designed for highest efficiency in terms of more lumens at reduced wattages contributing to a Greener World. Long life span with very low maintenance.

Product Description

- Aluminium alloy body and top cover, featuring high strength and anti corrosion.
- LED modules are fixed to frame.
- Top cover retained by screw for easy maintenance.
- Clear polycarbonate optical cover.
- Suitable for lateral (side entry) mounting on 60mm dia pipe.
- Double-coupling IP68 protection for module, highest waterproof level.
- 6KV Surge Protection.
- Cable entries for through-wiring of mains supply cable.
- Integral constant current power supply
- CRI (Ra) : ≥ 70
- Prewired with LED driver and suitable for operating on 240V, 50Hz single phase ac supply.
- Ordering guide : KL-4175-CCT (Colour Temperature)
- Available CCT : 3000K, 4000K, 5700K



Product Benefits

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

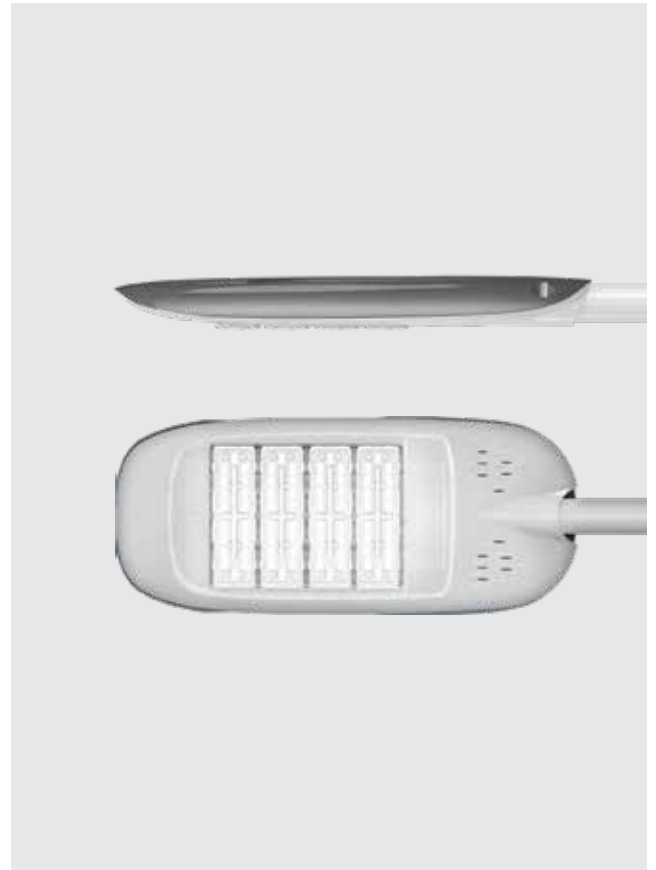
Area of Application

Street Lighting, Park Lighting, Expressways, Highways, Courtyards.

Available Finish

Pure polyester powder coated

- Graphite grey
- Anthracite grey
- Jet black





Technical Specifications

General

ID	: 4175
System Wattage	: 60W LED
Driver Integral	: Constant Current
Input Voltage	: 230-240Vac
Frequency	: 50-60 Hz
Operating Voltage	: 100-277Vac
Operating Temperature	: -15°C~+50°C

Physical

Body	: Die Cast Aluminium & Aluminium Top Cover
Optics	: Clear Polycarbonate
Mounting	: Suitable for Ø60mm OD Pipe
Finish	: Powder coated Graphite Grey / Jet Black Anthracite Grey

Light Source

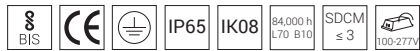
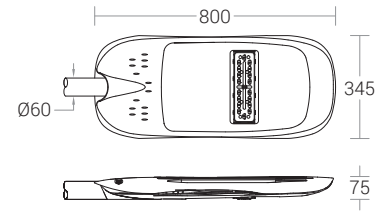
Light Source	: LUMILED
LED Lumens	: 7800 lm
CRI (Ra)	: ≥70
LED Colour Temperature	: 3000K / 4000K / 5700K

Driver

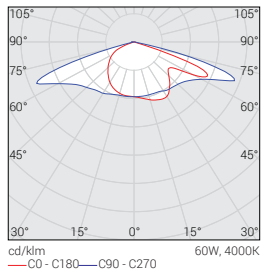
Power Supply	: Integral
Power Factor	: >0.95
THD	: <10%
Surge Protection	: 6KV
Efficiency	: >85%

Optical Performance

Colour Temperature	: 3000K / 4000K / 5700K
Luminous flux	: 6870 / 7440 / 7159 lm
Beam Angle	: Type III



Photometric Data





Technical Specifications

General

ID	: 4163
System Wattage	: 120W LED
Driver Integral	: Constant Current
Input Voltage	: 230-240Vac
Frequency	: 50-60 Hz
Operating Voltage	: 100-277Vac
Operating Temperature	: -15°C~+50°C

Physical

Body	: Die Cast Aluminium & Aluminium Top Cover
Optics	: Clear Polycarbonate
Mounting	: Suitable for Ø60mm OD Pipe
Finish	: Powder coated Graphite Grey / Jet Black Anthracite Grey

Light Source

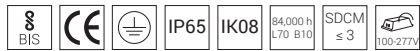
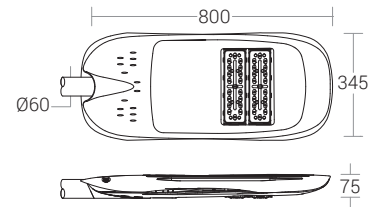
Light Source	: LUMILED
LED Lumens	: 15600 lm
CRI (Ra)	: ≥70
LED Colour Temperature	: 3000K / 4000K / 5700K

Driver

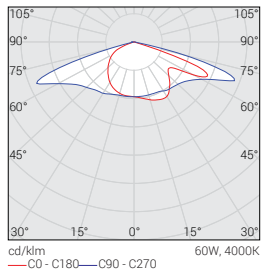
Power Supply	: Integral
Power Factor	: >0.95
THD	: <10%
Surge Protection	: 6KV
Efficiency	: >85%

Optical Performance

Colour Temperature	: 3000K / 4000K / 5700K
Luminous flux	: 13740 / 14880 / 14318 lm
Beam Angle	: Type III



Photometric Data





Technical Specifications

General

ID	: 4164
System Wattage	: 180W LED
Driver Integral	: Constant Current
Input Voltage	: 230-240Vac
Frequency	: 50-60 Hz
Operating Voltage	: 100-277Vac
Operating Temperature	: -15°C~+50°C

Physical

Body	: Die Cast Aluminium & Aluminium Top Cover
Optics	: Clear Polycarbonate
Mounting	: Suitable for Ø60mm OD Pipe
Finish	: Powder coated Graphite Grey / Jet Black Anthracite Grey

Light Source

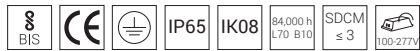
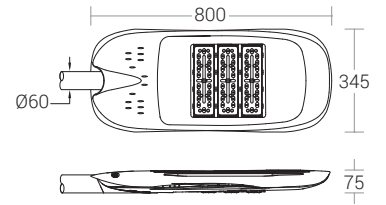
Light Source	: LUMILED
LED Lumens	: 23400 lm
CRI (Ra)	: ≥70
LED Colour Temperature	: 3000K / 4000K / 5700K

Driver

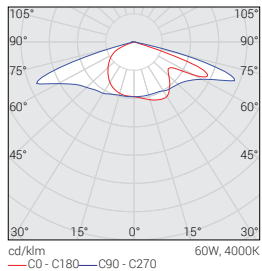
Power Supply	: Integral
Power Factor	: >0.95
THD	: <10%
Surge Protection	: 6KV
Efficiency	: >85%

Optical Performance

Colour Temperature	: 3000K / 4000K / 5700K
Luminous flux	: 20610 / 22320 / 21477 lm
Beam Angle	: Type III



Photometric Data





Technical Specifications

General

ID	: 4174
System Wattage	: 240W LED
Driver Integral	: Constant Current
Input Voltage	: 230-240Vac
Frequency	: 50-60 Hz
Operating Voltage	: 100-277Vac
Operating Temperature	: -15°C~+50°C

Physical

Body	: Die Cast Aluminium & Aluminium Top Cover
Optics	: Clear Polycarbonate
Mounting	: Suitable for Ø60mm OD Pipe
Finish	: Powder coated Graphite Grey / Jet Black Anthracite Grey

Light Source

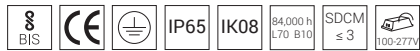
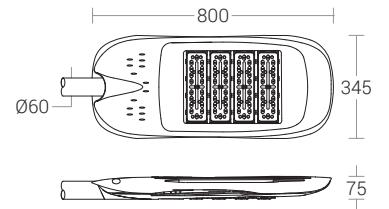
Light Source	: LUMILED
LED Lumens	: 31200 lm
CRI (Ra)	: ≥70
LED Colour Temperature	: 3000K / 4000K / 5700K

Driver

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

Optical Performance

Colour Temperature	: 3000K / 4000K / 5700K
Luminous flux	: 27480 / 29760 / 28636 lm
Beam Angle	: Type III



Photometric Data

