

A modern heritage post top luminaire upgraded with high performance light engines. Aesthetically designed sturdy construction ensures a long life against all weather condition, maintaining initial performances through the lifetime of the installation. Designed for highest efficiency in terms of more lumens at reduced wattages.

Product Description

- The luminaire comprises of spun aluminium top cover.
- Die cast aluminium base through supporting arms made of mild steel.
- Diffuser placed into the provision formed on the periphery of the bottom cover.
- Non yellowing UV stabilized clear acrylic diffuser.
- Silicone gasket.
- Luminaire integrated with 30W / 50W LED.
- Luminaires suitable for mounting on 76mm OD pipe.
- 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-5445-CCT (Colour Temperature)
- Available CCT : 3000K, 4000K, 5700K



Product Benefits

- High luminous efficiency at reduced wattage.
- Elegant, Functionality
- Dark sky compliant protects pedestrians from glare, in addition to preventing spill light above the horizontal plane.
- Sustainable LED technology offers durability and optimal light output with low power consumption.

Area of Application

Illuminating parks, Gardens, commercial complex, Residential roadways, Walkways, Streetscapes & office complex.

Available Finish

Pure polyester powder coated

- Graphite grey
- Anthracite grey
- Jet black





Technical Specifications

General

ID : 4493
 System Wattage : 30W LED
 Driver Integral : Constant Current
 Input Voltage : 230-240Vac
 Frequency : 50-60Hz
 Operating Voltage : 100-277Vac
 Operating Temperature : -15°C~+50°C

Light Source

Light Source : NICHIA
 CRI (Ra) : >80
 LED Colour Temperature : 3000K / 4000K / 5700K

Driver

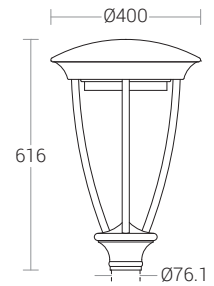
Power Supply : Integral
 Power Factor : >0.90
 THD : <10%
 Surge Protection : 4KV
 Efficiency : >85%

Physical

Body : Spun aluminium top cover & Die cast aluminium base
 Diffuser : Clear acrylic
 Mounting : Suitable for 76mm OD pipe
 Finish : Powder Coated
 Graphite Grey / Jet Black
 Anthracite Grey

Optical Performance

Optical Distribution : Symmetrical





Technical Specifications

General

ID : 5445 (Sym)
 4524 / 4523 (Asy)
 System Wattage : 50W / 30W LED
 Driver Integral : Constant Current
 Input Voltage : 230-240Vac
 Frequency : 50-60Hz
 Operating Voltage : 100-277Vac
 Operating Temperature : -15°C~+50°C

Light Source

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

Driver

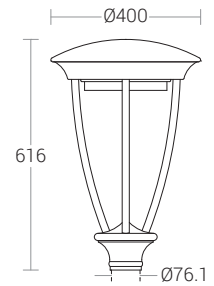
Power Supply : Integral
 Power Factor : >0.95
 THD : <10%
 Surge Protection : 6KV / 4KV
 Efficiency : >85%

Physical

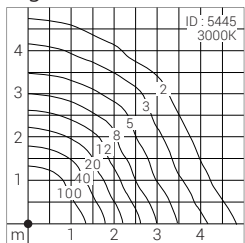
Body : Spun aluminium top cover
 & Die cast aluminium base
 Diffuser : Clear acrylic
 Mounting : Suitable for 76mm OD pipe
 Finish : Powder Coated
 Graphite Grey / Jet Black
 Anthracite Grey

Optical Performance

Optical Distribution : Symmetrical /
 Type IV



Light Distribution



Applied Photometry : H=3m