

High efficiency LED flood light luminaires designed to provide directional wall throw. The product design and construction of the luminaires are characterized by high luminous efficiency, an extremely long service life and uniform illuminance.

Product Description

- Luminaire body & hood cover made of die cast aluminium.
- Frosted Polycarbonate Optical lens
- Lumen Efficiency up to 80 lm/W
- Mounting bracket to facilitate proper aiming of the luminaire at desired angle.
- Cable entries for through-wiring of mains supply cable.
- Beam angle 15°, 25°
- Suitable for operating on 240V, 50Hz single phase ac supply.
- Ordering guide : KL-4244-CCT (Colour Temperature)
- Available CCT : 3000K, 4000K, 5700K



Product Benefits

- High luminous efficiency at reduced wattage.
- Functionally versatile, strong and stable.
- 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

Architectural and building facade lighting, Pathways, Parks, Sculptures, Structures and Security lighting.

Available Finish

Pure polyester powder coated graphite grey.





Technical Specifications

General

ID	: 4244
System Wattage	: 5W LED
Driver Non-Integral	: Constant Current
Input Voltage	: 230-240Vac
Frequency	: 50-60Hz
Operating Voltage	: 100-277Vac
Operating Temperature	: -15°C~+50°C

Physical

Body	: Die-Cast Aluminium
Diffuser	: Frosted Polycarbonate
	Optical Lens
Mounting	: Bracket
Finish	: Powder coated
	Graphite Grey

Light Source

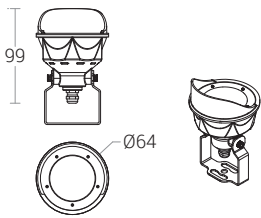
Light Source	: LUMILED
LED Lumens	: 750 lm
CRI (Ra)	: >80
LED Colour Temperature	: 3000K / 4000K / 5700K

Driver

Power Supply	: Non Integral
Power Factor	: >0.9
THD	: <15%
Surge Protection	: 2KV
Efficiency	: >70%

Optical Performance

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



Driver for 5W Luminaire

8280	5W	(4-9)V, 700mA
8282	20W	(20-28)V, 700mA
8283	25W	(30-39)V, 750mA
8284	45W	(50-60)V, 800mA



Technical Specifications

General

ID	: 4245
System Wattage	: 10W LED
Driver Non-Integral	: Constant Current
Input Voltage	: 230-240Vac
Frequency	: 50-60Hz
Operating Voltage	: 100-277Vac
Operating Temperature	: -15°C~+50°C

Physical

Body	: Die-Cast Aluminium
Diffuser	: Frosted Polycarbonate
	Optical Cover
Mounting	: Bracket
Finish	: Powder coated
	Graphite Grey

Light Source

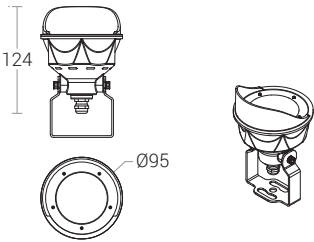
Light Source	: LUMILED
LED Lumens	: 1500 lm
CRI (Ra)	: >70
LED Colour Temperature	: 3000K / 4000K / 5700K

Driver

Power Supply	: Non Integral
Power Factor	: >0.9
THD	: <10%
Surge Protection	: 2KV
Efficiency	: >85%

Optical Performance

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



Driver for 10W Luminaire

8281	10W	(3-6)V, 1200mA
8285	40W	(20-27)V, 1400mA
8286	60W	(28-33)V, 1800mA