



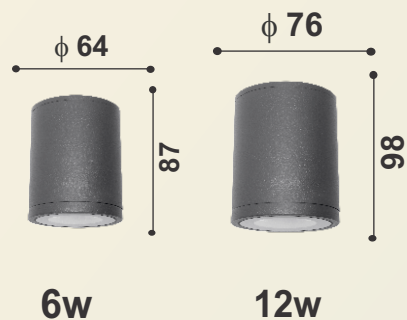
Technical Specifications

General

Model Number	: POSC 12 / POSC 13
System Watt	: 6w / 12w
Driver Integral	: Constant Current
Operating Voltage	: 120-265Vac
Operating Temperature	: +10°C~+50°C

Physical

Body	: Die-Cast Aluminium with Extruded Aluminium Tube
Diffuser	: Clear Glass Reflector
Gasket	: Silicone
Mounting	: Surface
Finish	: Powder coated RAL 7016 Graphite Grey



Light Source

Light Source	: Cree / Bridgelux LED
CRI (Ra)	: ≥80
LED Colour Temperature	: 3000K

Driver

Power Supply	: Integral
Input Voltage	: 130-265VAC
Frequency	: 50Hz
Power Factor	: ≥0.5 / ≥0.9
Surge Protection	: 2 KV
Efficiency	: >84%
Driver Specification	: DC 12-24v 300mA / DC 24-36V 300mA
Luminous Flux (LM)	: 600lm (± 10% lm) / 1200lm (± 10% lm)



Optical Performance

Light Distribution	: Symmetrical
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A modern cylindrical surface-mounted ceiling light designed to provide clean, uniform illumination with a sleek architectural appearance. The compact aluminium housing features a durable powder-coated finish, making it suitable for contemporary residential, commercial, and hospitality spaces. The LED light source delivers comfortable, glare-controlled illumination while the robust construction ensures reliable long-term performance. Its simple surface-mounted design allows quick and easy installation on ceilings.

Product Description

- Premium aluminium body
- Integrated LED light source
- Soft and uniform illumination
- Low-glare lighting
- Compact cylindrical design
- Surface-mounted installation
- Suitable for indoor and outdoor covered areas
- Modern architectural appearance
- Easy maintenance and long service life
- CRI (Ra): ≥ 80 , CCT: 3000K warm white.



Product Benefits

- IP54 Protection – Dust-protected and resistant to splashing water from any direction, making it suitable for covered outdoor areas.
- Outdoor Ready – Ideal for balconies, verandas, porches, corridors, and covered entrances.
- Elegant Cylindrical Design – Minimal, modern form complements contemporary architectural spaces.
- Warm & Comfortable Illumination – Creates a welcoming ambience for outdoor residential and hospitality areas.
- Durable Construction – Designed for dependable performance in suitable outdoor environments.

Area of Application

Suitable for Garden / Pathway areas / Trees / plants.

Available Finish

Pure polyester powder coated

RAL 7016 Graphite Grey



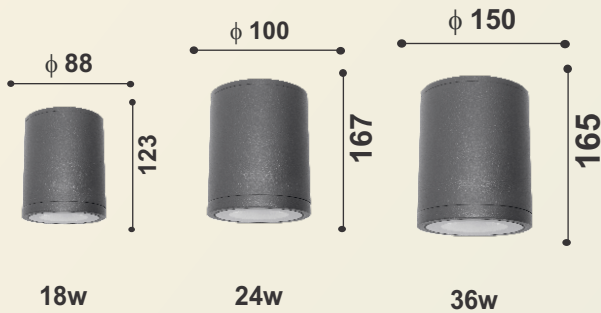
Technical Specifications

General

Model Number	: POSC 14 / POSC 15 / POSC 16
System Watt	: 18w / 24w / 36w
Driver Integral	: Constant Current
Operating Voltage	: 120-265Vac
Operating Temperature	: +10°C~+50°C

Physical

Body	: Die-Cast Aluminium with Extruded Aluminium Tube
Diffuser	: Clear Glass + Reflector
Gasket	: Silicone
Mounting	: Surface
Finish	: Powder coated RAL 7016 Graphite Grey RAL 9004 Black



Light Source

Light Source	: Bridgelux LED / Epistar / Everbrite
CRI (Ra)	: ≥80
LED Colour Temperature	: 3000K

Driver

Power Supply	: Integral
Input Voltage	: 220-240VAC
Frequency	: 50Hz
Power Factor	: ≥0.9
THD	: ≥59.8%
Surge Protection	: 2 KV
Efficiency	: >85%
Driver Specification	: DC 45-80V 300mA / DC 36-40V 600mA / DC 36-40V 900mA
Luminous Flux (LM)	: 1800lm(± 10% lm) / 2400lm(± 10% lm) / 3600lm(± 10% lm)

Optical Performance

Light Distribution	: Symmetrical
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Area of Application

Balconies & Verandas / Porches & Covered Entrances / Hotel & Hospitality Areas / plants.

Available Finish

Pure polyester powder coated

RAL 7016 Graphite Grey

RAL 9004 BLACK