

Osiris LED

IP 66

IK 08

Class I

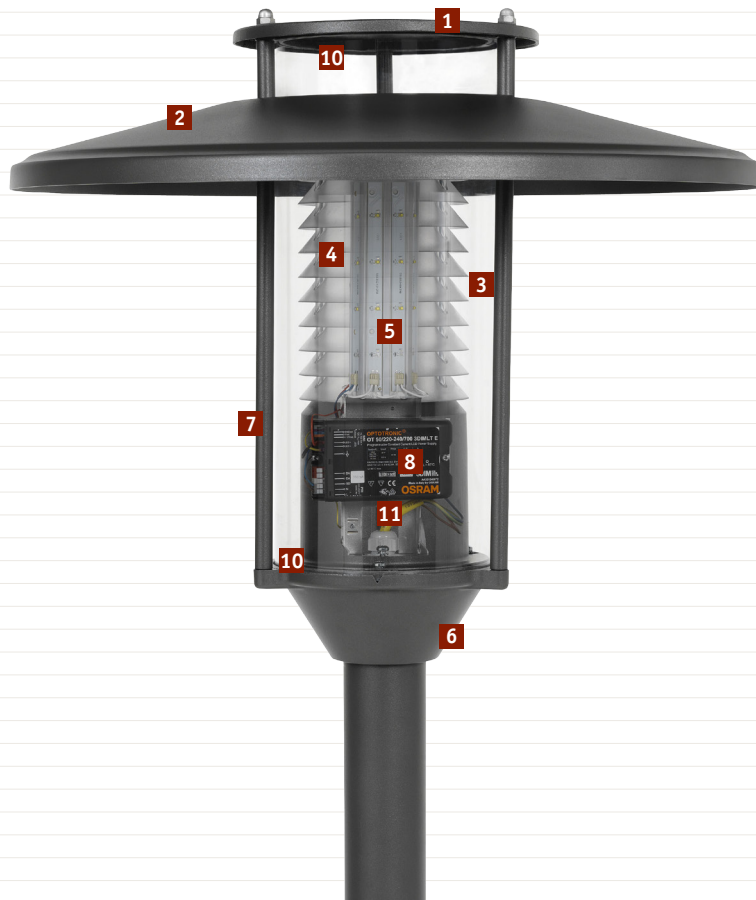
Class II 



Following Indal's constant product improvement program, the Osiris luminaire is now available in an energy efficient LED version. Due the classic T-shape design, Osiris remains a particular urban functional luminaire, which can fulfill a wide range of applications. The use of UV-resistant, matted polycarbonate louvers, giving high direct and indirect light distribution, making Osiris LED an attractive option for residential and pedestrian areas.

Lamps

LED
up to 40 LED
from 17W to 63W system power



Osiris RETROLED™ kit

The Osiris LED kit contains a RETROLED™ engine on a heat sink, LED driver on gear tray, louvre stag with mounting pot and required installation materials.

The mounting pot is painted in white RAL 9016.

The RETROLED™ technology is in constant development. Please ask for the latest status before calculating.

- 1 **Top canopy** in GRP (2310), standard colour RAL 9005. Top canopy in cast aluminium (2315), standard colour Futura Gris 900 Sablé.
- 2 **Large canopy** in GRP (2310), standard colour top side RAL 9005, bottom side painted in reflection white for extra light distribution. Large canopy in aluminium (2315), colour Futura Gris 900 Sablé.
- 3 **Bowl** clear polycarbonate cylinder, seamless. Enhanced night time appearance as the top canopy flashes light over the large canopy to add interest and atmosphere.
- 4 **Optic** louvre stag of clear matted polycarbonate louvres (LNN or ANN). Mounted on a spun aluminium gear covering pot, painted reflection white. The bolt / keyhole construction warrants easy access. The positioning clip at the top assures a firm fixation of the RETROLED™ engine in the luminaire.
- 5 **Light source** high quality white power LEDs available in colour temperatures Cool White, Neutral White and Warm White.
- 6 **Mounting** spigot made in die-cast aluminium (LM 6 quality), standard post top Ø 76mm and with special adapter also suitable for post top Ø 60mm. Column mounting with one stainless steel M10 bolt. The V-grooves on the spigot (exterior) assist in draining (rain) water from the spigot.
- 7 **Three supporting rod's** in tapped massive aluminium, supplying a very robust construction.
- 8 **Gear** electronic LED driver that can be factory set to 250mA, 350mA or 500mA drive current. For typical power consumption and flux levels, please see the special reference table of the Indal RETROLED™ and RETROLED™ kit, which is available at your local Indal sales organisation.
- 9 **Gear tray** in sheet aluminium, secured to spigot by two bolts.
- 10 **Gasket** between top canopy and bowl and between spigot and bowl, sealing the luminaire to IP 66. Controlled Breathing Technology (CBT).
- 11 **Cable connection** PG16 gland, cable entry 7-14mm, with strain relief.

Dimming

Stand alone Astrodimm or phase switched StepDIM (using a switching (2nd) phase). DALI on request.

Expected life time RETROLED™ engine

100,000 hours at L80 for 250mA current
80,000 hours at L80 for 350mA current
50,000 hours at L78 for 500mA current in CW / NW
50,000 hours at L73 for 500mA current in WW

Expected life time LED driver

100,000 hours for 250mA current
100,000 hours for 350mA current
50,000 hours for 500mA current

For more luminaire details, please visit our online Technical lighting catalogue on www.indal-lighting.com or consult your local Indal sales team.

Mounting



With special adapter suitable for \varnothing 60mm post top (standard mounting \varnothing 76mm post top).

The canopy can easily be opened by the bolt / key hole construction.

LED configuration

The Osiris LED has several standard LED configurations available, offering a wide range of lighting solutions.

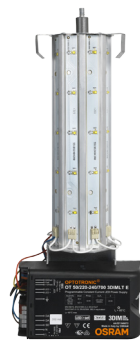
Round Symmetrical (LNN)



24 LEDs.

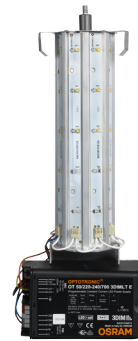


32 LEDs.

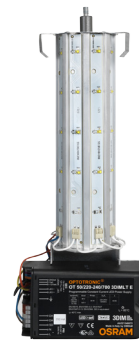


40 LEDs.

Asymmetrical (ANN)



18 LEDs.



24 LEDs.

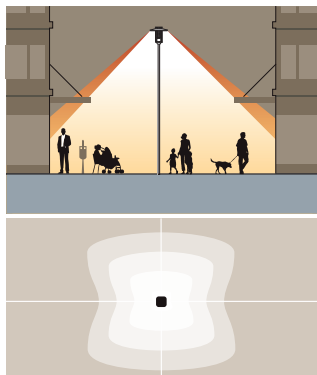


30 LEDs.

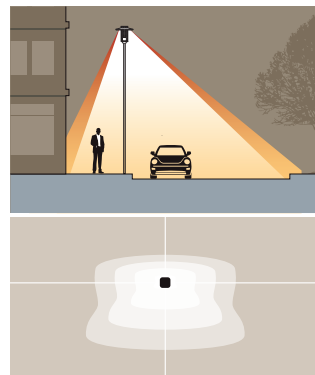
Optic

The Osiris LED has two optics available for area or street geometries.

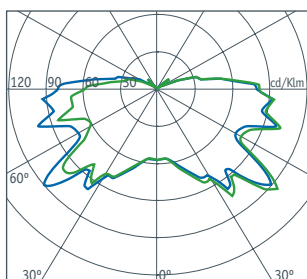
Round Symmetrical (LNN)



Asymmetrical (ANN)



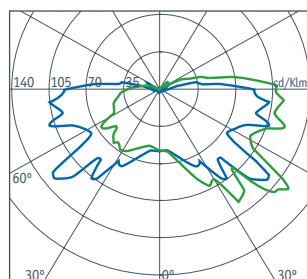
Osiris LED



Optic
LNN

Lamp
40LED

Performance
ULOR: 19.3%
DLOR: 80.7%

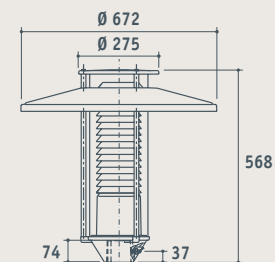


Optic
ANN

Lamp
30LED

Performance
ULOR: 19.7%
DLOR: 80.3%

Osiris LED



MODEL	CURRENT	SHAPE	SYSTEM POWER	COLOUR TEMP.	W.a. (m ²)	Kg
Osiris LED (LNN)	250mA	⊗	21W	NW/CW/WW	0.180	8.5
24 LED	350mA	⊗	29W			
	500mA	⊗	40W			
Osiris LED (LNN)	250mA	⊗	27W	NW/CW/WW		
32 LED	350mA	⊗	37W			
	500mA	⊗	51W			
Osiris LED (LNN)	250mA	⊗	34W	NW/CW/WW		
40 LED	350mA	⊗	46W			
	500mA	⊗	63W			
Osiris LED (ANN)	250mA	⊗	17W	NW/CW/WW	0.180	8.5
18 LED	350mA	⊗	23W			
	500mA	⊗	33W			
Osiris LED (ANN)	250mA	⊗	21W	NW/CW/WW		
24 LED	350mA	⊗	29W			
	500mA	⊗	40W			
Osiris LED (ANN)	250mA	⊗	26W	NW/CW/WW		
30 LED	350mA	⊗	36W			
	500mA	⊗	50W			

NW (Neutral White)
CW (Cool White)
WW (Warm White)
W.a. (Windage area)
Kg (Weight)

OPTIONS

Including cable
Class II version
NEMA socket
Other RAL or Akzo Futura colours on request
DIM versions

ACCESSORIES

Special adapter for post top Ø 60mm