

CALLA LED



Schröder





## CHARACTERISTICS LUMINAIRE

Tightness level:	IP 66 (*)
Impact resistance (glass):	IK 07 (**)
Aerodynamic resistance:	0.34m <sup>2</sup>
Nominal voltage:	230V - 50Hz
Electrical insulation class:	II (*)
Weight:	11kg
Material (housing):	Die-cast aluminium
Colour:	RAL 9006s white Any other RAL or AKZO colour upon request
Mounting height:	3.5 - 5 m

(\*) according to IEC - EN 60598

(\*\*) according to IEC - EN 62262

## KEY ADVANTAGES

- Indirect lighting for comfortable ambience
- IP 66 tightness level
- ThermiX® to maintain performance over time
- Supplied pre-wired to facilitate installation
- FutureProof: easy replacement of the photometric engine and electronic assembly
- Tool free access for maintenance
- Surge protection 10kV
- Designed to incorporate Owllet range of control solutions

## INDIRECT LED LIGHTING SOLUTION FOR A CONVIVIAL AMBIANCE

The Calla LED incorporates an indirect lighting photometric engine designed to light residential neighbourhoods, parks, urban centres and more.

This elegant and organic luminaire ensures a distinctive presence in the public space, both by day and by night. The indirect mirror system consists of a reflector working in combination with the LED photometric engine. This concept guarantees glare-free ambience lighting. The Calla LED is particularly designed for stylish, decorative lighting when performance, aesthetic and light pollution factors are important criteria.

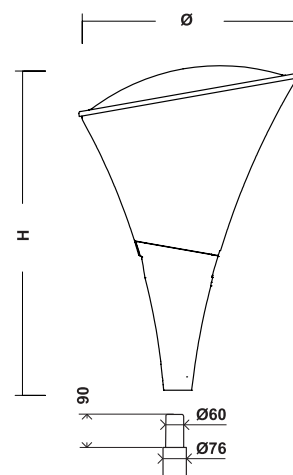
The luminaire is composed of a high-pressure powder coated die-cast aluminium housing, an aluminium canopy and a glass protector. The complete luminaire has an IP 66 tightness level.

The Calla LED luminaire is based on the FutureProof concept. The canopy can be easily opened, without tools, so that the LED engine can be changed in a few simple steps.

## OPTIONS

- Gold coloured reflector (luminous flux 3150K)
- Variable power system (factory set)

## DIMENSIONS - MOUNTING



Ø	595mm
H	885mm

The Calla LED luminaire offers slip-over mounting onto a 60mm diameter spigot.



Cylindrical stepped pole Ø 60mm



Tapered pole



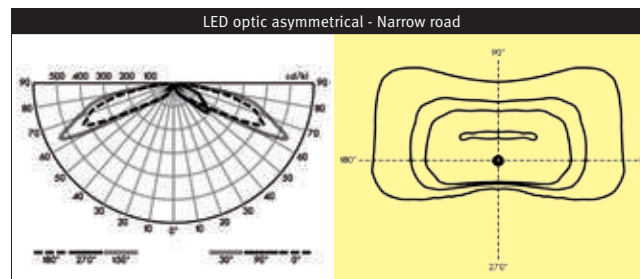
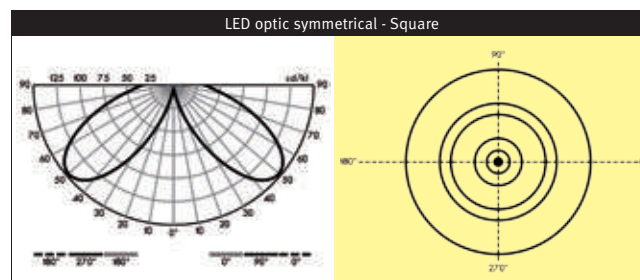
## PHOTOMETRY

Calla LED				Lifetime residual flux @ $t_a$ 25°C (*)
Number of LEDs	Neutral white (4250K)	15 LEDs	28 LEDs	@100.000h
Current: 350mA	Nominal flux (lm)*	2100	4000	90%
	Power consumption (W)	18	32	
Current: 500mA	Nominal flux (lm)*	2800	5300	
	Power consumption (W)	26	46	

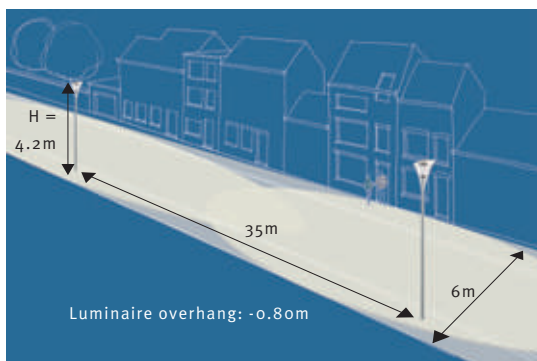
(\*) The nominal flux is an indicative LED flux @  $t_a$  25°C based on LED manufacturer's data. The real flux output of the luminaire depends on environmental conditions (e.g. temperature and pollution) and the optical efficiency of luminaire. Nominal flux depends on the type of LED in use and likely to change in accordance with the continuous and rapid developments in LED technology. To follow the progress of the luminous efficiency of the LEDs used, please visit our website.

(\*\*) In accordance with IES LM-80 - TM-21.

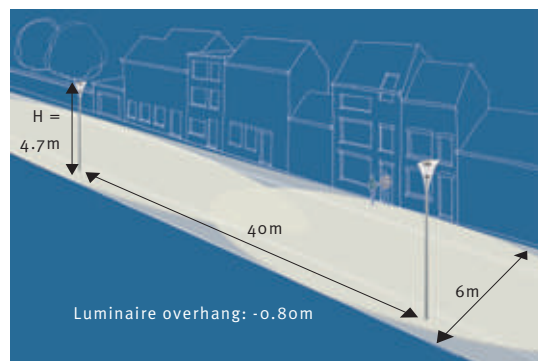
## LIGHT DISTRIBUTIONS



## CASE STUDIES



Calla LED 15 LEDs  
18W  
2100lm  
S5 - classified street according to EN 13201  
Installation height: 4.2m  
Spacing between columns: 35m



Calla LED 15 LEDs  
26W  
2800lm  
S5 - classified street according to EN 13201  
Installation height: 4.7m  
Spacing between columns: 40m

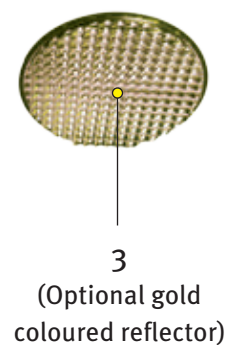
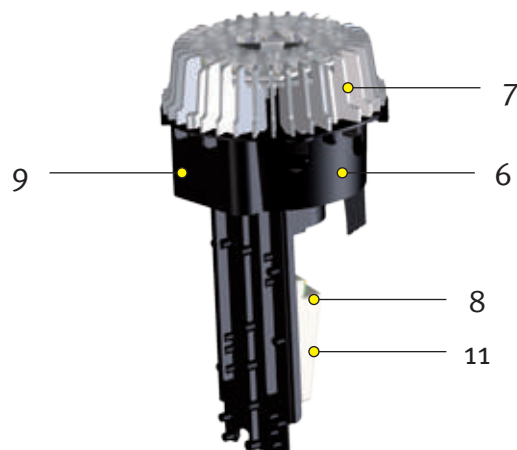


# CALLA LED





- 1 Body made of die-cast aluminium, powder coated
- 2 Canopy made of aluminium
- 3 Indirect mirror system with 208 free formed surfaces  
(Optional gold coloured reflector - 3150K)
- 4 Protector made of UV and impact resistant clear glass
- 5 IP 66 tightness level
- 6 Integrated thermal sensor and surge protection
- 7 ThermiX®: combination of mechanical heat dissipation and electrical monitoring of PCB temperature
- 8 Electronic driver with CLO (Constant Light Output)
- 9 FutureProof: the LED engine and/or electronic assembly unit can be replaced on-site
- 10 Canopy catch for quick, tool free opening
- 11 Optional: Owllet range of control solutions
- 12 Post-top mounting
- 13 Delivered pre-wired (5m length)



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