

Leo

High power LED floodlight

available
in spring 2018



Meet Leo

Extremely powerful and resilient, Leo adds safety to dark areas

- 4 different lumen packages from 7500 to 20000 lm
- Asymmetrical light distribution – ideal for building facades and footpaths
- Integrated photocell for automatic light from dusk til dawn (can be activated/deactivated)
- Compact and streamline design
- Universal mounting bracket allows wall or ceiling mounting with the possibility of tilting upwards or downwards
- Surge protection up to 10 kV to protect the product from short high voltage spikes caused e.g. by a lighting storm
- Climate membrane for automatic climate regulation inside the floodlight
- Pre-wired with mains cable (3m)



7500, 10000,
15000 and
20000 lumens



Sealed to IP66
for protected
exterior
applications



Save up to
70% energy
compared
with halogen
floodlights



IK08 rated
impact
resistance



50 000 hours
lifetime



Integral
photocell

Ideal for...



Building
facades



Car Parks



Footpaths



Loading
bays

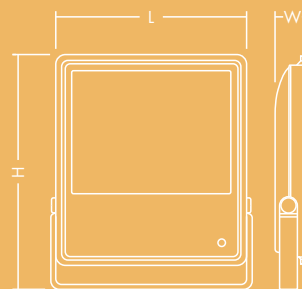
Light source information

- 7500 lm (75 W), 10000 lm (100 W), 15000 lm (150 W), 20000 lm (200 W), 100 lm/W
- 4000K neutral white LED
- Life time 50 000 hours (@L70B50, T_a 25°C)
- CRI ≥ 80
- McAdam (initial): 5 step
- Beam angle: 100x55°

Specification

- Class I electrical
- IP66
- IK08
- Ambient operating temperature: -20 to +50 °C

	L	W	H
LEO LED FL IP65 75W 840	272	67	347
LEO LED FL IP65 100W 840	272	67	347
LEO LED FL IP65 150W 840	366	72	456
LEO LED FL IP65 200W 840	366	72	456



Performance guide

Leo LED FL IP65 75W 840 PC

Wattage (W)	Mounting height (m)	Width (W) x Length (L) (m)	Average Horizontal Illuminance	Uni-formity (U_o)	Aiming Angle (α)
75	6	10 x 15	22	0.296	20

Leo LED FL IP65 100W 840 PC

Wattage (W)	Mounting height (m)	Width (W) x Length (L) (m)	Average Horizontal Illuminance	Uni-formity (U_o)	Aiming Angle (α)
100	6	10 x 15	30	0.254	20

Leo LED FL IP65 150W 840 PC

Wattage (W)	Mounting height (m)	Width (W) x Length (L) (m)	Average Horizontal Illuminance	Uni-formity (U_o)	Aiming Angle (α)
150	8	20 x 20	18	0.208	20
150	10	25 x 20	13	0.239	20

Leo LED FL IP65 200W 840 PC

Wattage (W)	Mounting height (m)	Width (W) x Length (L) (m)	Average Horizontal Illuminance	Uni-formity (U_o)	Aiming Angle (α)
200	12	30 x 30	11	0.18	20
200	15	35 x 25	9	0.24	20

Installation/Mounting

- Suitable for wall or ceiling mounting
- Quick and easy installation thank to universal mounting bracket (0-300°)
- Pre-wired with 3m long mains cable and open cable ends with 1mm² cross section

Material/Finish

Body: Aluminum die-cast (<5% copper)
 Bracket: Carbon steel, gray (RAL 9006)
 Cover: Tempered glass
 Lens: PC

Ordering guide

Description	Wt (kg)	Cat. No.
LEO LED FL IP66 75W 840 PC	4.1	LEO75W
LEO LED FL IP66 100W 840 PC	4.2	LEO100W
LEO LED FL IP66 150W 840 PC	7.1	LEO150W
LEO LED FL IP66 200W 840 PC	7.1	LEO200W

Integral photocell

Leo's integral photocell can easily be activated/deactivated by using the on/off switch on the back of the product. If the photocell is activated, Leo will automatically light from dusk til dawn. (Operation level: approx. 20lux ON, 75 lux OFF)



Five year warranty