

LED Floodlights
EOS



- High efficacy – to 170 lm/W
- Corrosion-resistant LEDs
- Pressure equalizing system
- Various optics versions available
- Optional illuminance control
- Overvoltage protection
- Manufactured in Poland



USAGE:

Outdoor floodlights with high luminous fluxes.
Energy-efficient lighting for squares, parking lots,
sports facilities and building facades

Maximum savings

- Class-leading efficacy 170 lm / W
- High luminous flux
- Versions with control options enable cooperation with LMS lighting management systems.

Durability and safety

- Manufactured in Poland
- Designed for effective heat dissipation and long-life operation
- Resistance to weather conditions
- High IK08 coefficient
- Breather valve for pressure equalization
- Overvoltage protection
- 5- year warranty (extendable).

Simple installation and easy maintenance

- Adjustable mounting angle
- Low operating costs.





Technical parameters, dimensions and weight

Luminaire name	EOS B	EOS M	EOS S	EOS D
Housing material	Pressure-injected aluminum body, tempered glass diffuser			
Luminaire power (maximum)	40 W	80 W	150 W	250 W
Color temperature of the CCT light source	3000 K, 4000 K, 5000, 6500 K			
Luminous flux (max power, 4000 K, Ra 70)	6 800 lm	13 600 lm	25 500 lm	42 500 lm
IEC protection class	I			
Supply voltage	198-264 V AC			
Utility frequency	50/60 Hz			
Power factor	PF > 0.95			
Control (options)	DALI			
Color rendering index	Ra > 70, Ra > 80			
Working temperature	-30°C to +45°C			
LED lifetime (T _a = 25°C) L90B10	100.000 hours			
IP protection class	IP66			
IK mechanical strength	IK08			
Floodlight mounting height	3 – 6 m	5 – 10 m	7 – 14 m	10 – 16 m
Floodlight weight	2.2 kg	4.5 kg	6.1 kg	12.2 kg
L (mm)	285	390	460	580
W1 (mm)	182	250	300	405
W2 (mm)	230	290	345	450
H (mm)	50	65	66	85

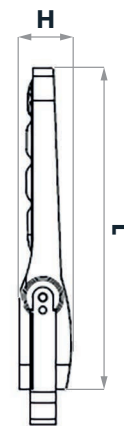
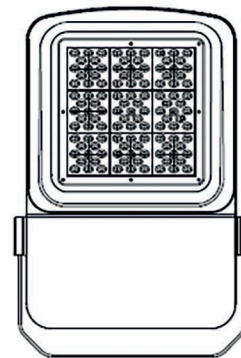
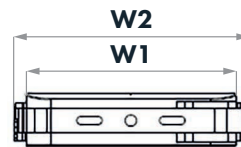
LED Floodlights EOS

Standard features (for EOS M, S, D)

- overvoltage protection
6 kV (L-N) / 10 kV (L/N-PE) for versions M, S, D

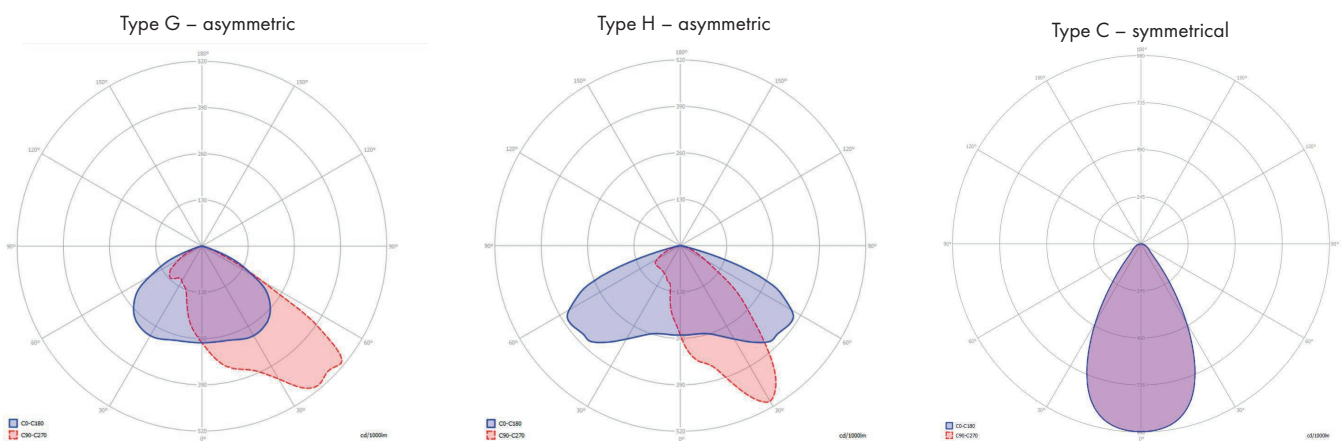
Additional options (for EOS M, S, D)

- 10 kV overvoltage protection
- NTC thermal protection
(temperature sensor on the LED module)

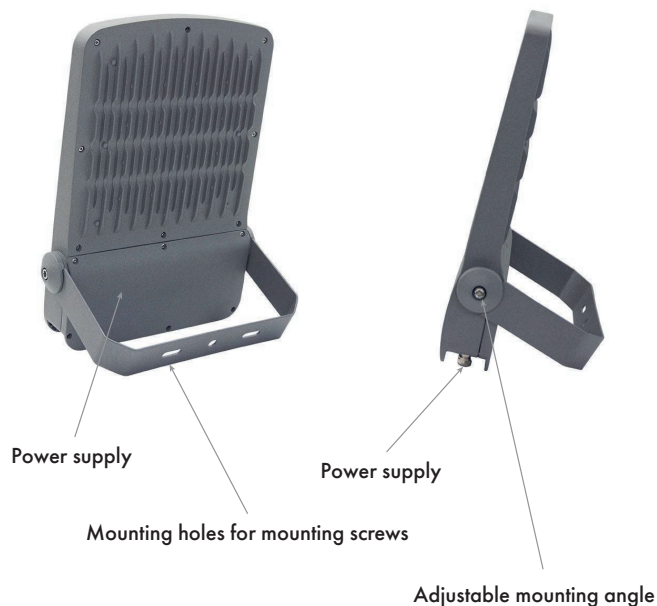


Light distribution curve configuration

Example light distribution curves for lenses:



Simple and safe installation and maintenance



Coding of the EOS floodlight series

ES1-PSPbERfTC-0000

ES1 product code – EOS floodlight

PSP PSU power [W]:
 40 W
 80 W
 150 W
 200 W
 250 W

b power control
 N – no control
 D – DALI control

E IEC Protection class
 1 – class I

R Floodlight housing size
 B – micro L = 285 mm
 M – small L = 390 mm
 S – medium L = 460 mm
 D – large L = 580 mm

T color temperature [K]
 3 – 3000 K
 4 – 4000 K
 5 – 5000 K
 6 – 6500 K

C color rendering index [CRI]
 7 – Ra > 70
 8 – Ra > 80

0000 optics
 G000 - asymmetric
 H000 - asymmetric
 C000 - symmetrical 60°












Coding example **ES1-150N1S-47-G000**

ES1 EOS version 1
150 power supply 150 W
N No control
1 IEC class 1
S floodlight housing size – medium, L = 460 mm
4 color temperature 4000 K
7 CRI > 70
H000 type H optics

The technical specification is subject to change
 220304V04

LED Floodlights

EOS

 MADE IN POLAND CE	EOS	 40/80/ 150/250 W	 B/S/M/D		 4000 K	 LM79
	ES1 230 VAC	 260.000 h	 2.2 - 12.2 kg	 IP66	 70	
	 .. 170 lm/W	 NS/1-10 V/ DALI	 IK08	 -30° .. +45°C	T. GLASS	

Company address

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