



## Floodlights **EOS**

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



## 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

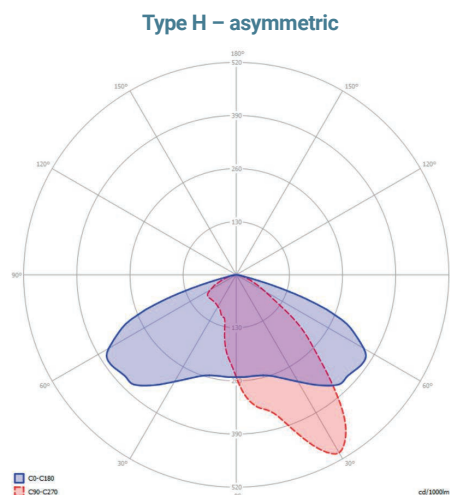
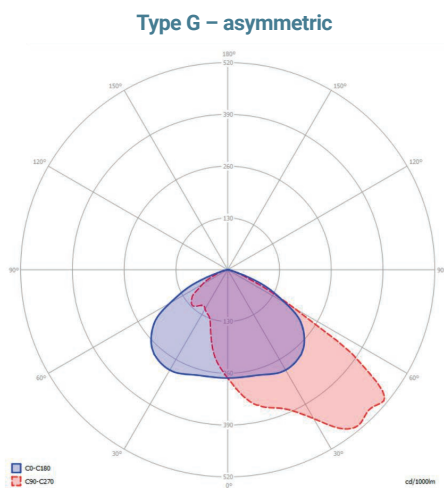
- Manufactured in Poland
- Designed for effective heat dissipation and long-life operation
- Resistance to weather conditions
- High IK08 coefficient
- Breather valve for pressure equalization
- Overvoltage protection
- 5- year warranty (extendable).

### Simple installation and easy maintenance

- Adjustable mounting angle
- Low operating costs.

## Light distribution curve configuration

Example light distribution curves for lenses:



## Technical parameters, dimensions and weight

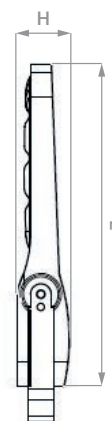
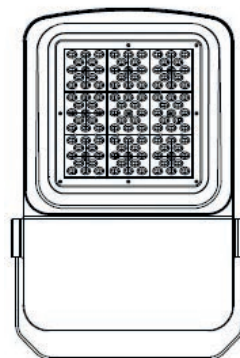
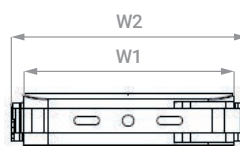
Luminaire name	EOS B	EOS M	EOS S	EOS D
Housing material	Pressure-injected aluminum body, tempered glass diffuser			
Luminaire power (maximum)	40 W	80 W	150 W	250 W
Color temperature of the CCT light source	3000 K, 4000 K, 5000 K			
Luminous flux (max power, 4000 K, Ra 70)	6 800 lm	13 600 lm	25 500 lm	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	-20°C to +45°C			
LED lifetime (Ta = 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

### 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)



## Coding of the EOS floodlight series

ES1-PSPbERfTC-0000

**ES1** product code – EOS floodlight

**PSP** PSU power [W]:  
40 W  
80 W  
150 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

**f** Overvoltage protection  
„-“ – 6 kV (L-N) / 10 kV (L/N-PE)  
H – 10 kV (L-N) / 10 kV (L/N-PE)

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

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

**0000** optics  
G000 – type G  
H000 – type H

**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  
**G000** type G optics

The technical specification is subject to change  
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## Simple and safe installation and maintenance

