

PRODUCT DATASHEET

ECO CLASS FLOODLIGHT 200 W/6500 K

ECO CLASS FL | Luminaire with symmetrical light distribution



Areas of application

- Replacement for floodlights with halogen lamps
- Garages
- Public areas
- Building facades
- Construction areas

Product benefits

- Energy savings of up to 90 % compared to halogen lamp floodlights
- Frosted cover made of tempered glass for uniform illumination
- Optimized weight and size due to compact design
- Easy installation thanks pre-wired with mains cable (30 cm)
- 2 years guarantee

Product features

- Symmetrical beam angle
- Condensation avoidance in housing
- Type of protection: IP65



TECHNICAL DATA

Electrical data

Nominal wattage	200.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	15600 lm
Luminous efficacy	78 lm/W
Color temperature	6500 K
Light color (designation)	Cool Daylight
Color rendering index Ra	> 80
Standard deviation of color matching	< 6 sdcm
Beam angle	110 °

Dimensions & Weight

Length	412.00 mm
Width	332.00 mm
Height	64.00 mm
Product weight	5250.00 g
Cable length	280 mm

Materials & Colors

Product color	Black
Housing color	Black
Body material	Aluminum
Cover material	Tempered glass
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-30...+40 °C
Type of connection	Cable, 3-pole

Type of protection	IP65
Protection class IK (shock resistance)	IK06
Dimmable	No
Mounting type	Surface
Mounting location	Wall / Floor
Application environment	Outdoor

Lifespan


Lifespan L70/B50 at 25 °C	25000 h ¹⁾
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¹⁾ t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

Standards	EAC
Replaceable light source (EPREL)	Not replaceable

DOWNLOAD DATA

Photometric and lighting design files		Document name
	IES file (IES)	ECOCCLASS FL 200W 865 230V BK

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075183537	Shipping box 1	435 mm x 350 mm x 95 mm	5835.00 g	14.46 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

- Further information see www.ledvance.com/services-and-tools/services/downloads/downloadcenter-for-professionell-clients
- For Guarantee see www.ledvance.com/guarantee

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