

# 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 $\lambda$	> 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 sdc <sub>m</sub>
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 <sup>1)</sup>
---------------------------	-----------------------

<sup>1)</sup> 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 <sup>3</sup>

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](http://www.ledvance.com/services-and-tools/services/downloads/downloadcenter-for-professionell-clients)
- For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

**DISCLAIMER**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.