

PRODUCT DATASHEET

FLOODLIGHT LED 100 W 6500 K BK

LEDVANCE FLOODLIGHT LED | LED floodlight luminaires



Areas of application

- Replacement for floodlights with halogen lamps
- Car parks and underpasses
- Garages
- Public areas
- Building facades
- Construction areas

Product benefits

- Energy savings of up to 90 % compared to halogen lamp floodlights
- Optimized weight and size due to compact design
- Very homogenous light

Product features

- Luminaire efficacy: up to 100 lm/W
- Beam angle: 100°
- Type of protection: IP65



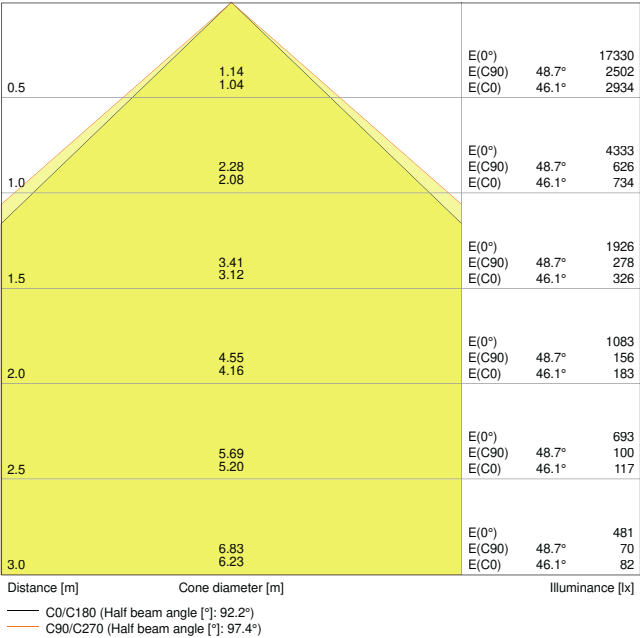
TECHNICAL DATA

Electrical data

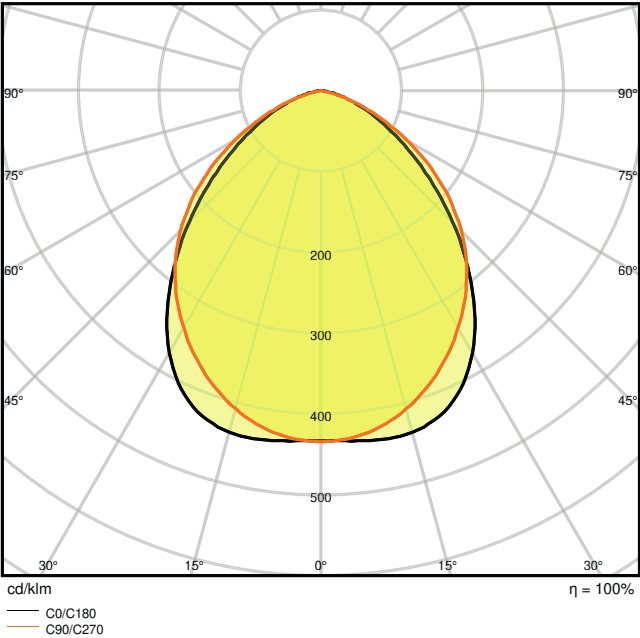
Nominal wattage	100.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	690.000 mA
Protection class	I
Operating mode	Electronic control gear (ECG)

Photometrical data

Luminous flux	10000 lm
Luminous efficacy	100 lm/W
Color temperature	6500 K
Light color (designation)	Cool Daylight
Color rendering index Ra	≥80
Standard deviation of color matching	≤5 sdcm
Photobiological safety group acc. to EN62778	RG0
Beam angle	100 °



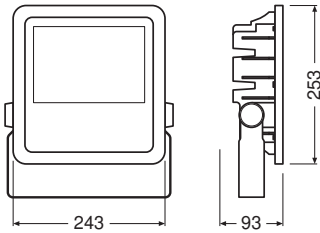
4058075811010 FloodlightLED 100W 6500K BK IP65



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Dimensions & Weight

Length	253.00 mm
Width	243.00 mm
Height	92.50 mm
Product weight	3600.00 g
Cable length	1000 mm



712158_LEDVANCE Floodlight LED
100W Black

Materials & Colors

Product color	Black
Housing color	Black
Body material	Aluminum
Cover material	Glass
Light emitting surface material	Glass
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20...+50 °C
Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK08
Dimmable	No
Mounting type	Surface
Mounting location	Wall / Floor
Application environment	Outdoor

Lifespan

Lifespan L70/B50 at 25 °C	50000 h ¹⁾
Lifespan L80/B10 at 25 °C	40000 h ¹⁾
Lifespan L80/B50 at 25 °C	40000 h
Lifespan L90/B10 at 25 °C	20000 h
Number of switching cycles	30000

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

Light source

EEI – Energy Label	A
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Certificates & Standards

Standards	CE / CB / TÜV SÜD / EAC / RoHS
Replaceable light source (EPREL)	Not replaceable

DOWNLOAD DATA

Documents and certificates		Document name
	On-Pack-Info	Legal Insert Floodlight
	Declarations of conformity	CE Floodlight Wave 2
Photometric and lighting design files		Document name
	IES file (IES)	FloodlightLED 100W 6500K Black IP65
	LDT file (Eulumdat)	Flood 100W 6L Bk
	UGR file (UGR table)	4058075811010 FloodlightLED 100W 6500K BK IP65
	Light distribution curve type cone	4058075811010 FloodlightLED 100W 6500K BK IP65
	Light distribution curve type polar	4058075811010 FloodlightLED 100W 6500K BK IP65

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075811010	Shipping box 1	328 mm x 295 mm x 162 mm	3820.00 g	15.68 dm³

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.

DISCLAIMER

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