PRODUCT DATASHEET
FLOODLIGHT 90 W 4000 K IP65 BK

FLOODLIGHT 90 | Luminaire with symmetrical light output with 90 W



AREAS OF APPLICATION

- Replacement for floodlights with halogen lamps
- Garages
- Public areas
- Building facades
- Construction areas
- D-sign according to EN 60598-2-24 for fire-risk commercial unit, f. e. by accumulation of dust

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
- 5 years guarantee

PRODUCT FEATURES

- Luminaire efficacy: up to 110 lm/W
- Symmetrical beam angle: 100° x 100°
- Mounting bracket for up to 180° tilting
- Type of protection: IP65
- Impact resistance: IK08
- Ambient temperature in operation: -20…+50 °C
- Connection via 1 m cable, wiring required



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TECHNICAL DATA

Electrical data

Nominal wattage	90.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Power factor λ	>0.90
Mains frequency	50/60 Hz

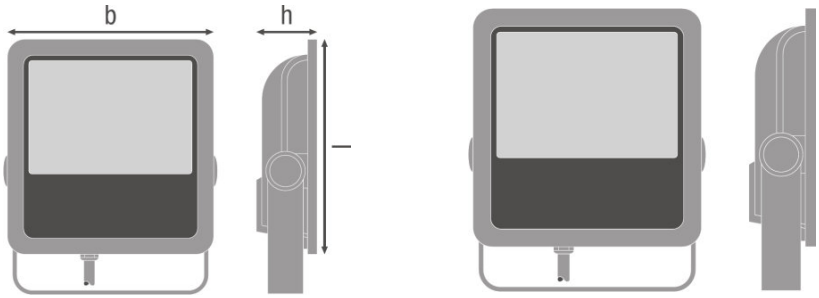
Photometrical data

Color temperature	4000 K
Luminous flux	10000 lm
Luminous efficacy	110 lm/W
Standard deviation of color matching	≤5 sdcm
Light color (designation)	Cool White
Color rendering index Ra	≥80
Luminous efficacy of lamp in luminaire	110 lm/W

Light technical data

Beam angle	100 ° x 100 °

Dimensions & weight



Length	250.0 mm
Width	240.0 mm
Height	70.0 mm
Product weight	2600.00 g
Cable length	1000 mm

Colors & materials

Body material	Aluminum

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Housing color	Black
Product color	Black
Cover material	TEMPERED GLASS

Temperatures & operating conditions

Ambient temperature range	-20…50 °C

Lifespan

Lifespan L70 at 25 °C	50000 h
Lifespan L80 at 25 °C	30000 h
Lifespan L90 at 25 °C	15000 h

Additional product data

Mounting type	Surface
Mounting location	Wall / Floor

Capabilities

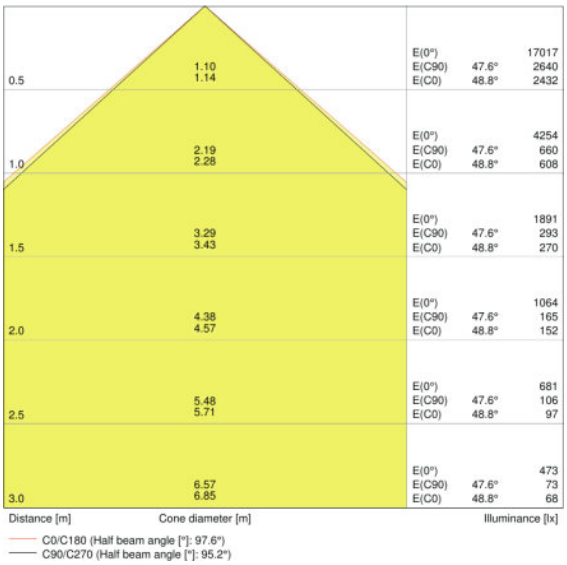
Dimmable	No
Type of connection	Cable, 3-pole
LED module replaceable	Not replaceable

Certificates & standards

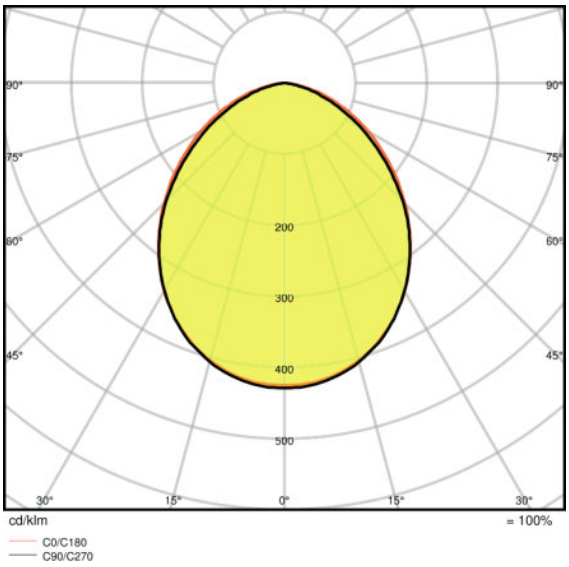
Protection class IK (shock resistance)	IK08
Photobiological safety group	RG 1
Protection class	I
Type of protection	IP65
Standards	CB/TÜV SÜD/EAC/RoHS

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Light Distribution



LDC typ cone



LDC typ polar

LOGISTICAL DATA

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4058075097681	FLOODLIGHT 90 W 4000 K IP65 BK	Shipping carton box 1	316 mm x 276 mm x 416 mm	36.28 dm^3	3016.00 g

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

For Guarantee see

- www.ledvance.com/guarantee

DISCLAIMER

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

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