

PRODUCT DATASHEET

FL PFM ASYM 55x110 50 W 3000 K BK

FLOODLIGHT PERFORMANCE ASYM 55x110 | Floodlight with wide beam, asymmetric light distribution for various application areas



Areas of application

- Direct replacement for luminaires using HID lamps
- Outdoor use (IP66)
- Parking
- Public areas
- Industry
- Sports facilities
- Architectural lighting
- 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
- Energy savings of up to 45 % compared to luminaires that use conventional discharge lamps
- Bright, robust and durable
- Homogeneous luminance distribution and reduced glare
- No upper light output ratio (ULOR 0%) when mounted at 0° tilt
- Key hole to ensure ease of installation
- 5 years guarantee

Product features

- High luminous efficacy: up to 140 lm/W
- Asymmetric light distribution for various application areas
- Angled (45°) mounting bracket and up to 180° tilting
- Type of protection: IP66
- Impact resistance: IK08



- Ambient temperature in operation: -30...+50 °C
- High surge protection: up to 10 kV (L/N-PE), 6 kV (L-N)
- Integrated breather for preventing condensation inside the luminaire
- Connection via 2 m cable, wiring required



TECHNICAL DATA

Electrical data

Nominal wattage	50.00 W
Operating mode	Integrated LED driver
Nominal voltage	220...240 V
Nominal current	250 mA
Inrush current	50 A
Inrush current time T_{h50}	200 μ s
Power factor λ	> 0,90
Max. no. of lum. on circuit break. B16 A	3
Max. no. of lum. on circuit break. C10 A	3
Max. no. of lum. on circuit break. C16 A	5
Total harmonic distortion	< 20 %

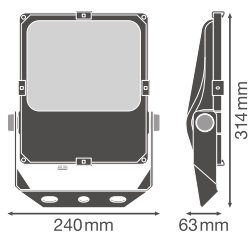
Luminaire control gear data

Low flicker	No
ECG - Output ripple current	< 60 %

Photometrical data

Color temperature	3000 K
Luminous flux	5800 lm
Luminous efficacy	115 lm/W
Light color (designation)	Warm White
Standard deviation of color matching	≤ 5 sdcm
Color rendering index Ra	> 80

Dimensions & weight



Length	314.00 mm
Height	63.00 mm
Width	240.00 mm
Product weight	2600.000 g

Colors & materials

Body material	Aluminum
Product color	Black
Housing color	Black
Cover material	Glass
Light emitting surface material	Glass

Temperatures & operating conditions

Ambient temperature range	-30...+50 °C
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Lifespan

Number of switching cycles	100000
Lifespan L70/B50 at 25 °C	100000 h
Lifespan L80/B10 at 25 °C	70000 h
Lifespan L90/B10 at 25 °C	30000 h

Additional product data

Mounting location	Wall / Pole / Floor / Ceiling
Low flicker	No

Capabilities

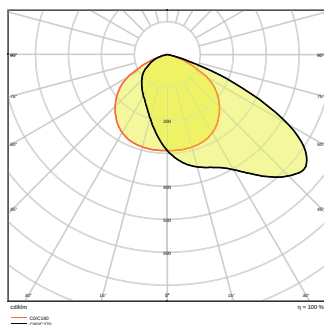
Adjustable	Yes
Dimmable	No
Type of connection	Cable, 3-pole
ErP LEDmod replaceable	Not replaceable
Ball shot safe	No

Certificates & standards

Protection class IK (shock resistance)	IK08
Glow Wire Test according to IEC 69	650 °C
Protection class	I
Type of protection	IP66
Standards	CE / CB / ENEC / TÜV SÜD / EAC / RoHS

Luminaire with limited surface temperature, class "D"

Yes



LOGISTICAL DATA

Temperature range at storage

-40...+70 °C

DOWNLOAD DATA

DOWNLOAD DATA



User instruction
FLOODLIGHT PERFORMANCE



Tender documents
Tender Text 4058075353299



Declarations of conformity
EU Declaration of Conformity FL PFM



IES file (IES)
FL PFM 50W 3000K ASYM 55x110 BK



LDT file (Eulumdat)
FL PFM 50W 3000K ASYM 55x110 BK



R3D file (Relux 3D Model)
FLOODLIGHT PERFORMANCE ASYM 50W



M4D file (3D Model with rotation axis)
FLOODLIGHT PERFORMANCE 50 W

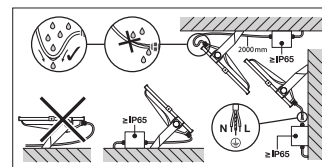
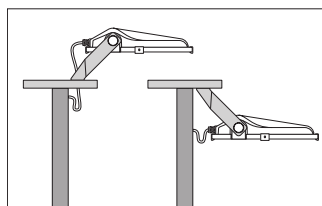
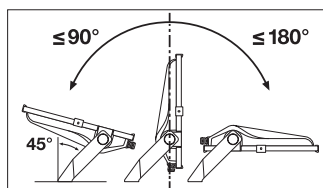
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075353299	Shipping box 1	364 mm x 105 mm x 280 mm	2880.00 g	10.70 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.

ADDITIONAL CATALOG INFORMATION



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.

