LEDVANCE

PRODUCT DATASHEET
FL PFM DA ASYM 45X140 200W 3000K BK

FLOODLIGHT PERFORMANCE DALI ASYM 45x140 | DALI 2.0 based floodlight with very wide beam, asymmetric light distribution for area lighting

Areas of application

– Direct replacement for luminaires using HID lamps
– Outdoor use (IP66)
– Parking
– Public areas
– Industry
– Sports facilities
– Parking lots, industrial roads
– D-sign according to EN 60598-2-24 for fire-risk commercial unit, e.g. 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

– DALI 2.0 interface for light management system integration
– High luminous efficacy: up to 140 lm/W
– Asymmetric light distribution for area lighting
– Angled (45°) mounting bracket and up to 180° tilting
– 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
- Type of protection: IP66
- Impact resistance: IK08
- Ambient temperature in operation: -30...+50 °C

TECHNICAL DATA

Electrical data

Nominal wattage	200.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	980.000 mA
Inrush current	110 A
Inrush current time T_{h50}	350 µs
Max. no. of lum. on circuit break. B16 A	2
Max. no. of lum. on circuit break. C10 A	2
Max. no. of lum. on circuit break. C16 A	4
Power factor λ	> 0.90
Total harmonic distortion	< 10 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	24200 lm
Luminous efficacy	121 lm/W
Color temperature	3000 K
Light color (designation)	Warm white
Color rendering index Ra	> 80
Standard deviation of color matching	≤ 5 sdcm
Low flicker	Yes
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	45 ° x 140 °

Dimensions & Weight

Length	494.00 mm
Width	395.00 mm

Height	87.00 mm
Product weight	6850.00 g
Cable length	2000 mm
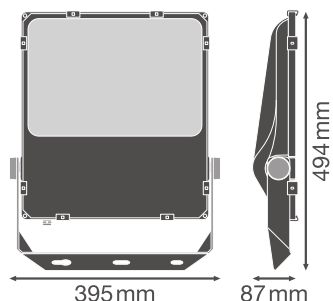
Materials & Colors

Product color	Black
Housing color	Black
Body material	Aluminum
Cover material	Glass
Light emitting surface material	Glass
Glow Wire Test according to IEC 60695-2-12	650 °C
Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-30...+50 °C
Temperature range at storage	-40...+70 °C
Type of connection	Cable, 5-pole
Type of protection	IP66
Protection class IK (shock resistance)	IK08
Dimmable	Yes
Type of dimming	DALI
Mounting type	Surface
Mounting location	Wall / Pole / Floor / Ceiling
Application environment	Outdoor
Adjustable	Yes
LED module replaceable	Not replaceable
With light source	Yes

Lifespan

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

Control gear

ECG - Output ripple current	< 10 %

Certificates & Standards

Standards	CE / CB / ENEC / TÜV SÜD / UKCA / EAC
Luminaire with limited surface temperature, "D sign"	Yes
Ball shot safe	No

Additional product data

Product remark	Available from September 2022

DOWNLOAD DATA

	DOWNLOAD DATA
PDF	User instruction
PDF	Addon Technical Information
	IES file (IES)
	LDT file (Eulumdat)
PDF	Packaging insert

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075760684	Shipping box 1	568 mm x 140 mm x 430 mm	6878.00 g	34.20 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.

ADDITIONAL CATALOG INFORMATION
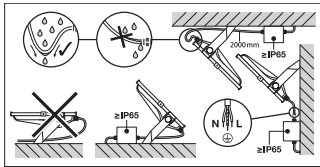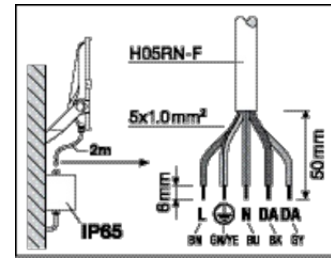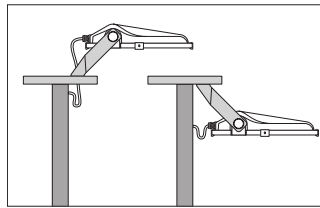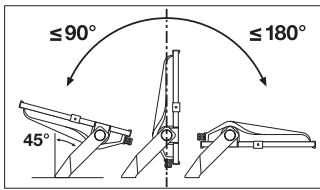
References / Links

- For Guarantee see www.ledvance.com/guarantee

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