

PRODUCT DATASHEET

FL PFM 20 W 6500 K SYM 100 BK

OSRAM DULUX® L LUMILUX® | CFLni, with 4-pin 2G11 base for ECG/CCG operation



Areas of application

- Replacement for floodlights with halogen lamps
- Outdoor use (IP65)
- Public areas
- Building facades
- Construction areas
- Gardens, balconies and other outdoor areas

Product benefits

- Bright, robust and durable
- Safe and very uniform illumination, due to frosted and tempered glass diffuser
- No upper light output ratio (ULOR 0%) when mounted at 0° tilt
- Energy savings of up to 90 % compared to halogen lamp floodlights
- 5 years guarantee

Product features

- Reflector-based, symmetric light distribution with 100° x 100° beam angle
- Integrated wide voltage driver, suitable for 100 - 277 V AC
- Surge protection: up to 4 kV (L/N-PE), 2 kV (L-N)
- Mounting bracket with 30° angle and wide rotation area
- Pre-installed, flexible 1 m cable (H05RN-F), wrapped 3 x 1.0 mm² single wires



TECHNICAL DATA

Electrical data

Nominal wattage	20.00 W
Nominal voltage	100...277 V
Nominal current	98 mA
Type of current	AC
Inrush current	5.68 A
Mains frequency	50...60 Hz
Total harmonic distortion	< 20 %
Power factor λ	> 0.90

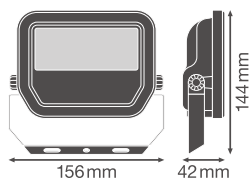
Photometrical data

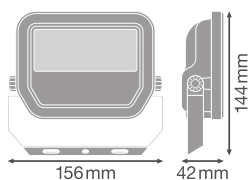
Luminous intensity	-
Luminous flux	2400 lm
Luminous efficacy	120 lm/W
Light color (designation)	Cool Daylight
Color temperature	6500 K
Color rendering index Ra	≥ 80
Light color	865
Standard deviation of color matching	≤ 5 sdcM
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-

Light technical data

Beam angle	100 ° x 100 °
Starting time	< 0.5 s

Dimensions & Weight





Product weight	520.00 g
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Temperatures & operating conditions

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

Lifespan	70000 h
Number of switching cycles	100000

Capabilities

Dimmable	No
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Certificates & Standards

Type of protection	IP65
Standards	CE / CB / ENEC / EAC / RoHS
Photobiological safety group acc. to EN62778	RG1

Country-specific categorizations

Order reference	FL PFM 20W/6500
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LOGISTICAL DATA

Temperature range at storage	-40...+70 °C
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Energy labelling regulation data acc EU 2019/2015

Length	144.00 mm
Height	42.00 mm
Width	156.00 mm















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User instruction

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	User instruction
	Addon Technical Information
	Addon Technical Information
	Tender documents
	Tender documents
	Declarations of conformity
	IES file (IES)
	LDT file (Eulumdat)
	R3D file (Relux 3D Model)
	M4D file (3D Model with rotation axis)
	ULD file (DIALux)
	UGR file (UGR table)
	Packaging insert
	Packaging insert

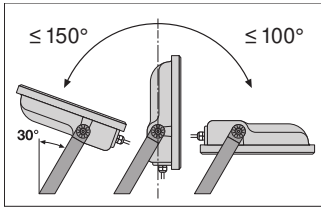
LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075421059	Folding box 1	161 mm x 62 mm x 135 mm	572.00 g	1.35 dm ³
4058075421066	Shipping box 12	396 mm x 336 mm x 161 mm	7510.00 g	21.42 dm ³

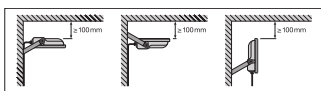
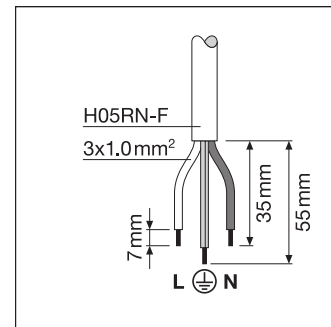


The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

ADDITIONAL CATALOG INFORMATION



	A	B	C	Weight	Power
10W	39	90	8.5	2x M4	0.014kg
20W	58	90	8.5	2x M5	0.018kg
30W	58	90	8.5	2x M5	0.021kg
50W	79	110	8.5	2x M6	0.028kg



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.

