



product_datasheet_title

FL PFM SYM R30 150 W 4000 K BK

FLOODLIGHT PERFORMANCE SYM R30 | Floodlight with rotational symmetric light distribution for high mast area lighting



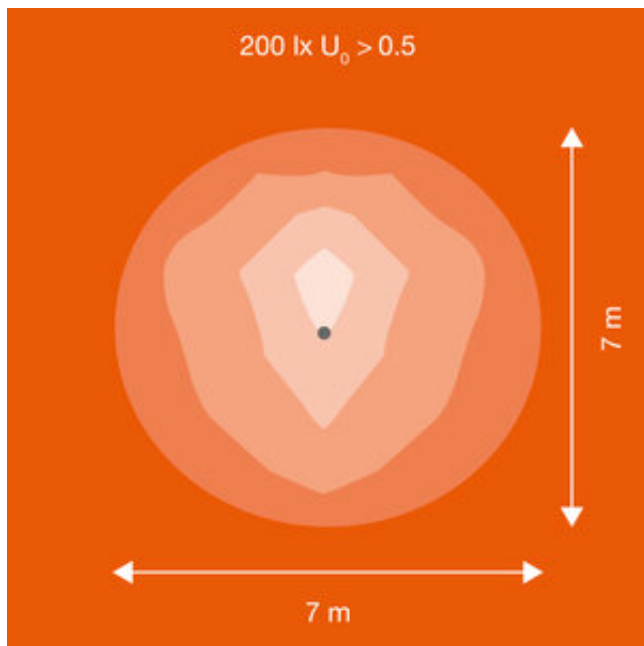
technical_data

ELECTRICAL DATA

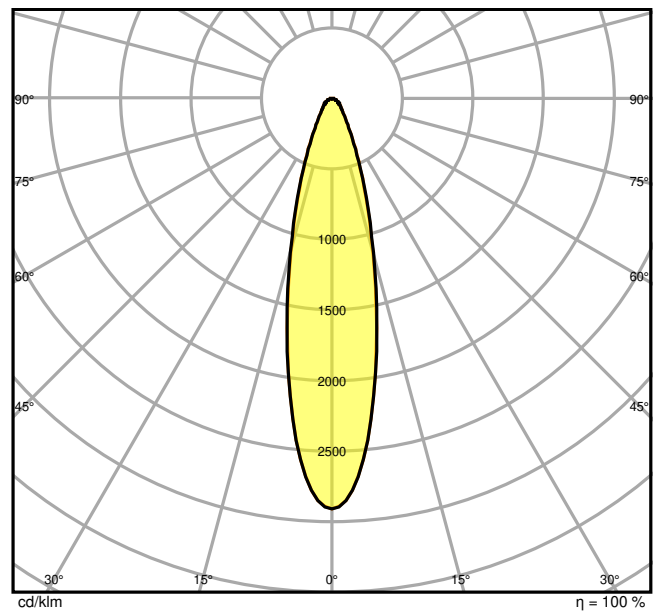
Nominal wattage	150.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	735 mA
Inrush current	110 A
Inrush current time T_{h50}	200 μ s
Max. number of luminaires per miniature circuit breaker B16	3
Max. number of luminaires per miniature circuit breaker C10	2
Max. number of luminaires per miniature circuit breaker C16	4
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

PHOTOMETRICAL DATA

Luminous flux	20200 lm
Luminous efficacy	135 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 80
Standard deviation of color matching	≤ 5 sdc _m
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG1
Beam angle	30 °



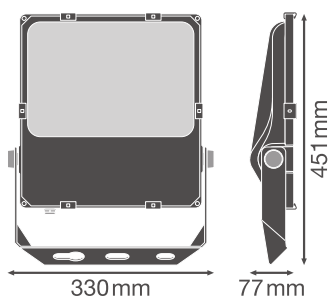
Floodlight Performance 150W SYM R30 simplified isolux diagram



FL PFM 150W 4000K SYM R30 BK

DIMENSIONS & WEIGHT

Length	451.00 mm
Width	330.00 mm
Height	77.00 mm
Product weight	4500.00 g
Cable length	2000 mm



FL PFM 150W BK

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, 3-pole
Type of protection	IP66
Protection class IK (shock resistance)	IK08
Dimmable	no
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 ¹⁾
Lifespan L80/B10 at 25 °C	70000 h ¹⁾
Lifespan L90/B10 at 25 °C	30000 h
Number of switching cycles	100000

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

CONTROL GEAR

Output current	2900 mA
ECG - Output ripple current	< 10 %














CERTIFICATES & STANDARDS

Standards	CE / CB / ENEC / TÜV SÜD / EAC
Luminaire with limited surface temperature, "D sign"	Yes

Ball shot safe

No

download_data

Documents and certificates		document_name
	User instruction	FLOODLIGHT PERFORMANCE
	Addon Technical Information	LSI FL PFM SYM AND ASYM
	Packaging insert	Legal Insert FL PFM
	Declarations Of Conformity CE	EU Declaration of Conformity FL PFM
	Declarations Of Conformity UKCA	FL PFM BK
Photometric and lighting design files		document_name
	IES file (IES)	FL PFM 150W 4000K SYM R30 BK
	LDT file (Eulumdat)	FL PFM 150W 4000K SYM R30 BK
	ULD file (DIALux)	FL PFM 150W-4000K SYM R30 BK
	ROLF file (RELUX)	FL PFM 150W-4000K SYM
	LDC typ polar	Floodlight Performance 150W SYM R30 simplified isolux diagram
	LDC typ polar	FL PFM 150W 4000K SYM R30 BK
CAD/BIM files		document_name
	BIM_Revit_3D	FL PFM
	CAD_STEP_3D	FL PFM 150W

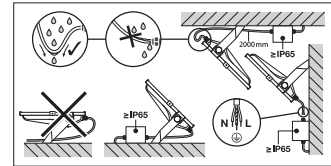
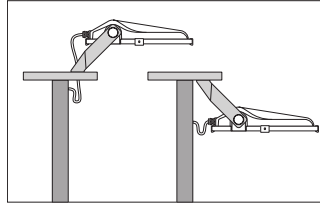
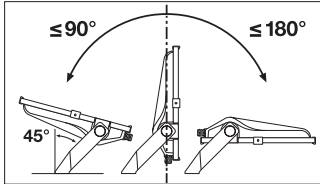
logistical_data

product_code	packaging_unit	dimensions	weight	volume
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product_code	packaging_unit	dimensions	weight	volume
4058075353763	Shipping box 1	516 mm x 130 mm x 368 mm	4970.00 g	24.69 dm ³

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additional_catalog_information



disclaimer_title

disclaimer_text