



product_datasheet_title

FL COMP V 180W 830 SYM 100 BK

FLOODLIGHT COMPACT 180W | Floodlight with up to 18000 lm light output



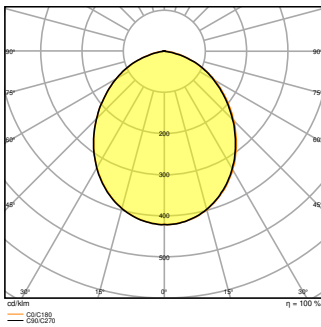
technical_data

ELECTRICAL DATA

Nominal wattage	180.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	867 mA
Inrush current	9.3 A
Inrush current time T_{h50}	3.6 μ s
Max. number of luminaires per miniature circuit breaker B16	10
Max. number of luminaires per miniature circuit breaker C10	7
Max. number of luminaires per miniature circuit breaker C16	12
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

PHOTOMETRICAL DATA

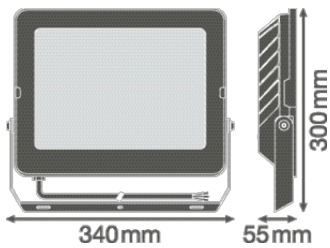
Luminous flux	16800 lm
Luminous efficacy	90 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	\geq 80
Standard deviation of color matching	< 5 sdc _m
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	100 ° x 100 °



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BK

DIMENSIONS & WEIGHT

Length	300.00 mm
Width	340.00 mm
Height	55.00 mm
Product weight	2910.00 g
Cable length	1000 mm



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MATERIALS & COLORS

Product color	Black
Housing color	Black
Body material	Aluminum
Cover material	Tempered 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...+45 °C
Temperature range at storage	-40...+70 °C
Type of connection	Cable, 3-pole
Type of protection	IP65
Protection class IK (shock resistance)	IK08
Dimmable	no
Mounting type	Surface
Mounting location	Wall / Pole / Floor
Application environment	Outdoor
Adjustable	Yes
LED module replaceable	Not replaceable
With light source	Yes

LIFESPAN




Lifespan L70/B50 at 25 °C	50000 h ¹⁾
Lifespan L80/B10 at 25 °C	35000 h ¹⁾
Lifespan L90/B10 at 25 °C	25000 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)






CERTIFICATES & STANDARDS



Standards	CE / CB / EAC
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No

download_data

	Documents and certificates	document_name
	User instruction	FL COMP V SYM
	Addon Technical Information	LSI FL COMP V
	Packaging insert	FL COMP V_LI

Documents and certificates		document_name
	Packaging insert	Legal Insert FL COMP/SENSOR
	Declarations Of Conformity CE	FL COMP
	Declarations Of Conformity UKCA	FL COMP V SYM 100

Photometric and lighting design files		document_name
	IES file (IES)	FL COMP V 180W 830 SYM 100 BK
	LDT file (Eulumdat)	FL COMP V 180W 830 SYM 100 BK
	ULD file (DIALux)	FL COMP V 180W 830 SYM 100 BK
	ROLF file (RELUX)	FL COMP V 180W 830 SYM
	LDC typ polar	FL COMP V 180W 830 SYM 100 BK

CAD/BIM files		document_name
	BIM_Revit_3D	FL COMP
	CAD_STEP_3D	FL COMP 180W

logistical_data

product_code	packaging_unit	dimensions	weight	volume
4058075575165	Folding box 1	387 mm x 97 mm x 352 mm	3180.00 g	13.21 dm ³
4058075575172	Shipping box 2	392 mm x 194 mm x 356 mm	6.74 g	27.07 dm ³

logistical_data_text

additional_catalog_information

disclaimer_title

disclaimer_text