



product_datasheet_title

FL COMP V 50W 865 SYM 100 WT

FLOODLIGHT COMPACT 50W | Floodlight with up to 5000 lm light output



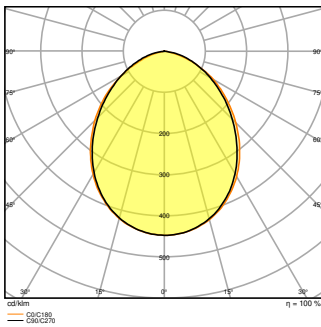
technical_data

ELECTRICAL DATA

Nominal wattage	50.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	242 mA
Inrush current	5,2 A
Inrush current time T_{h50}	1 μ s
Max. number of luminaires per miniature circuit breaker B16	36
Max. number of luminaires per miniature circuit breaker C10	26
Max. number of luminaires per miniature circuit breaker C16	42
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

PHOTOMETRICAL DATA

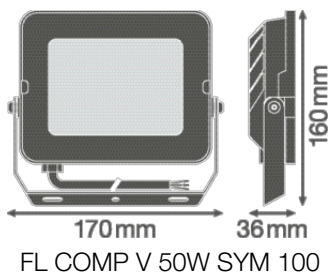
Luminous flux	5000 lm
Luminous efficacy	100 lm/W
Color temperature	6500 K
Light color (designation)	Cool Daylight
Color rendering index Ra	\geq 80
Standard deviation of color matching	< 5 sdc _m
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	100 ° x 100 °



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DIMENSIONS & WEIGHT

Length	160.00 mm
Width	170.00 mm
Height	36.00 mm
Product weight	560.00 g
Cable length	1000 mm



MATERIALS & COLORS

Product color	White
Housing color	White
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)	IK06
Dimmable	no
Mounting type	Surface
Mounting location	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	Legal Insert FL COMP/SENSOR

Documents and certificates		document_name
	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 50W 865 SYM 100 WT
	LDT file (Eulumdat)	FL COMP V 50W 865 SYM 100 WT
	ULD file (DIALux)	FL COMP V 50W 865 SYM 100 WT
	ROLF file (RELUX)	FL COMP V 50W 865 SYM
	LDC typ polar	FL COMP V 50W 865 SYM 100 WT
CAD/BIM files		document_name
	BIM_Revit_3D	FL COMP
	CAD_STEP_3D	FL COMP 50W

logistical_data

product_code	packaging_unit	dimensions	weight	volume
4058075574960	Folding box 1	175 mm x 52 mm x 150 mm	595.00 g	1.37 dm ³
4058075574977	Shipping box 8	364 mm x 224 mm x 174 mm	5066.00 g	14.19 dm ³

logistical_data_text

additional_catalog_information

disclaimer_title

disclaimer_text