



product_datasheet_title

FL COMP SEN V 20W 840 SYM 100 BK

FLOODLIGHT COMPACT SENSOR 20W | Sensor floodlight with up to 2000 lm light output



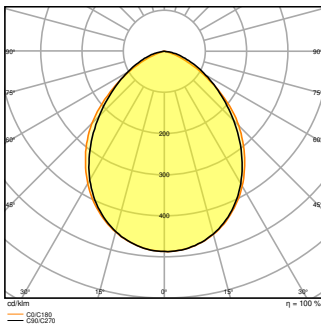
technical_data

ELECTRICAL DATA

Nominal wattage	20.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	99 mA
Inrush current	6 A
Inrush current time T_{h50}	1.3 μ s
Max. number of luminaires per miniature circuit breaker B16	88
Max. number of luminaires per miniature circuit breaker C10	64
Max. number of luminaires per miniature circuit breaker C16	103
Power factor λ	> 0.80
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

PHOTOMETRICAL DATA

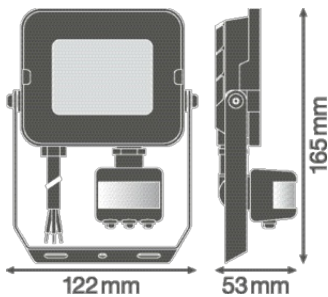
Luminous flux	2000 lm
Luminous efficacy	100 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	\geq 80
Standard deviation of color matching	< 5 sdc _m
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	100 ° x 100 °



FL COMP SEN V S 20W 840 SYM
100 BK

DIMENSIONS & WEIGHT

Length	165.00 mm
Width	122.00 mm
Height	53.00 mm
Product weight	380.00 g
Cable length	1000 mm



FL COMP SEN V 20W SYM 100 BK

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
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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	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)

SENSOR

Type of sensor	Motion / Light
Sensor technology	Passive infrared/Photocell
Sensor detection angle	40 °...160 °
Sensor controlled switching time	10 s...12 min
Detection range of motion sensor	2...12 m
Detection threshold of daylight sensor	10...2000 lx
Sensor IP rating	IP65
Sensor IK rating	IK05












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 SEN V SYM
	Addon Technical Information	LSI FL COMP SEN V
	Packaging insert	Legal Insert FL COMP/SENSOR
	Declarations Of Conformity CE	FL COMP
	Declarations Of Conformity UKCA	FL COMP SEN V SYM 100 BK
Photometric and lighting design files		document_name
	IES file (IES)	FL COMP SEN V 20W 840 SYM 100 BK
	LDT file (Eulumdat)	FL COMP SEN V 20W 840 SYM 100 BK
	ULD file (DIALux)	FL COMP SEN V 20W 840
	ROLF file (RELUX)	FL COMP SEN V 20W 840 SYM
	LDC typ polar	FL COMP SEN V S 20W 840 SYM 100 BK
CAD/BIM files		document_name
	CAD_STEP_3D	FL COMP 20W SEN

logistical_data

product_code	packaging_unit	dimensions	weight	volume
4058075575288	Folding box 1	127 mm x 73 mm x 173 mm	428.00 g	1.60 dm ³
4058075575295	Shipping box 8	310 mm x 270 mm x 198 mm	3722.00 g	16.57 dm ³

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additional_catalog_information

disclaimer_title

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