PRODUCT DATASHEET
FL COMP V 20W 830 SYM 100 BK

FLOODLIGHT COMPACT 20W | Floodlight with up to 2000 lm light output

Areas of application

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

Product benefits

- Robust, yet light and compact design
- 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
- 3 years guarantee

Product features

- Reflector-based, symmetric light distribution with 100° x 100° beam angle
- 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

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TECHNICAL DATA

Electrical data

Nominal wattage	20.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	97 mA
Inrush current	6 A
Inrush current time T_{h50}	1.3 µs
Max. number of luminaires per miniature circuit breaker B16	90
Max. number of luminaires per miniature circuit breaker C10	66
Max. number of luminaires per miniature circuit breaker C16	105
Power factor λ	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

Photometrical data

Luminous flux	1800 lm
Luminous efficacy	90 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	≥80
Standard deviation of color matching	< 5 sdcm
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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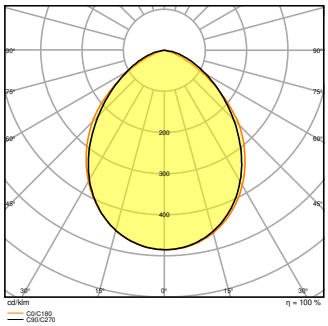
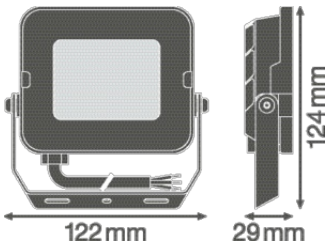


FL COMP SEN V S 20W 830 SYM 100 BK

Dimensions & Weight

Length	124.00 mm
Width	122.00 mm
Height	29.00 mm
Product weight	320.00 g
Cable length	1000 mm



FL COMP V 20W SYM 100

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	Pole / Floor
Application environment	Outdoor
Adjustable	Yes
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	50000 h [1)]
Lifespan L80/B10 at 25 °C	35000 h [1)]
Lifespan L80/B50 at 25 °C	35000 h
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
Replaceable light source (EPREL)	Not replaceable

Safety advice

- The external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire shall be destroyed.
- Terminal block not included. Installation must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

DOWNLOAD DATA

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	Documents and certificates	Document name
PDF	User instruction / safety instructions	FL COMP V SYM
PDF	Legal information	LSI FL COMP V
PDF	Legal information	Legal Insert FL COMP/SENSOR
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Declarations of conformity	FL COMP
PDF	Declarations of conformity UKCA	FL COMP V SYM 100

	Photometric and lighting design files	Document name
IES	IES file (IES)	FL COMP V 20W 830 SYM 100 BK
LDT	LDT file (Eulumdat)	FL COMP V 20W 830 SYM 100 BK
ULD	ULD file (DIALux)	FL COMP V 20W 830 SYM 100 BK
ROLF	ROLF file (RELUX)	FL COMP V 20W 830 SYM
	Light distribution curve type polar	FL COMP SEN V S 20W 830 SYM 100 BK

	CAD/BIM files	Document name
RFA	BIM Revit 3D	FL COMP
STEP	CAD STEP 3D	FL COMP 20W

	Tender texts	Document name
TXT	Tender documents	FLOODLIGHT COMPACT 20W 830 SYM 100 BK-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume

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Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075574731	Folding box 1	52 mm x 127 mm x 112 mm	352.00 g	0.74 dm^3
4058075574748	Shipping box 8	268 mm x 224 mm x 138 mm	3112.00 g	8.28 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

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.

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