

# PRODUCT DATASHEET FL COMP V 50W 830 SYM 100 WT

FLOODLIGHT COMPACT 50W | Floodlight with up to 5000 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



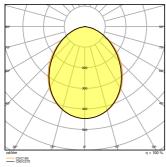
# TECHNICAL DATA

# Electrical data

Nominal wattage	50.00 W	
Nominal voltage	220240 V	
Mains frequency	5060 Hz	
Nominal current	242 mA	
Inrush current	5.2 A	
Inrush current time T <sub>h50</sub>	1 µs	
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 $\lambda$	> 0.90	
Total harmonic distortion	< 20 %	
Protection class	1	
Operating mode	Integrated LED driver	

# Photometrical data

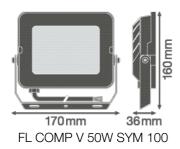
Luminous flux	4500 lm
Luminous efficacy	90 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	≥80
Standard deviation of color matching	< 5 sdcm
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	100 ° x 100 °



FL COMP SEN V S 50W 830 SYM 100 BK

# 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	
With light source	Yes	
Replaceable light source	No	

## Lifespan

Lifespan L70/B50 at 25 °C	50000 h <sup>1)</sup>
Lifespan L80/B10 at 25 °C	35000 h <sup>1)</sup>
Lifespan L80/B50 at 25 °C	35000 h
Lifespan L90/B10 at 25 °C	25000 h
Number of switching cycles	100000

<sup>1)</sup> 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	
EPD	LEDV-00054-V01.01-EN	
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 must be disposed of.
- 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

	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	
PDF	EPD	ENVIRONMENTAL PRODUCT DECLARATION FLOODLIGHT COMPACT	
	Photometric and lighting design files	Document name	
	IES file (IES)	FL COMP V 50W 830 SYM 100 WT	
	LDT file (Eulumdat)	FL COMP V 50W 830 SYM 100 WT	
	ULD file (DIALux)	FL COMP V 50W 830 SYM 100 WT	
	ROLF file (RELUX)	FL COMP V 50W 830 SYM	
	Light distribution curve type polar	FL COMP SEN V S 50W 830 SYM 100 BK	
	CAD/BIM files	Document name	
REAL	BIM Revit 3D	FL COMP	
	CAD STEP 3D	FL COMP 50W	
	Tender texts Do	cument name	
	Tender documents FL0	OODLIGHT COMPACT 50W 830 SYM 100 WT-EN	
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## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075574878	Folding box 1	175 mm x 52 mm x 150 mm	595.00 g	1.37 dm <sup>3</sup>
4058075574885	Shipping box 8	364 mm x 224 mm x 174 mm	5066.00 g	14.19 dm <sup>3</sup>

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.