

## PRODUCT DATASHEET FL COMP V 50W 865 SYM BK

FLOODLIGHT COMPACT 50W | Floodlight with up to 6000 lumen light output



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### Areas of application

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

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### Product benefits

- Robust, yet light and compact design
- Safe and very uniform illumination, due to 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
- 5 years guarantee

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### 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 mm<sup>2</sup> single wires

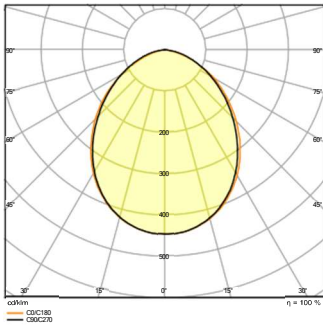
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**TECHNICAL DATA**
**Electrical data**

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 $\mu$ 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 $\lambda$	> 0.90
Total harmonic distortion	< 20 %
Protection class	I
Operating mode	Integrated LED driver

**Photometrical data**

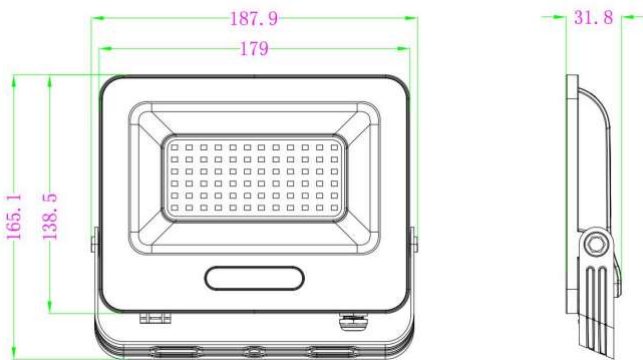
Luminous flux	6000 lm
Luminous efficacy	120 lm/W
Color temperature	6500 K
Light color (designation)	Cool Daylight
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	< 5 sdc <sub>m</sub>
Luminous intensity	-
Low flicker	Yes
Flickering metric (Pst LM)	-
Stroboscope effect metric (SVM)	-
Photobiological safety group acc. to EN62778	RG1
Photobiological safety group acc. to EN62471	RG1
Beam angle	100 ° x 100 °



FL COMP V 50W 865 SYM 100 WT

Dimensions & Weight

Length	165.00 mm
Width	188.00 mm
Height	32.00 mm
Product weight	560.00 g
Cable length	1000 mm



FL COMP V 50W 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

## 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>
Number of switching cycles	100000

<sup>1)</sup>  $t_{[h]}$ : L70 / B50 @ 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.

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**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075974939	Folding box 1	175 mm x 52 mm x 150 mm	595.00 g	1.37 dm <sup>3</sup>
4058075974946	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.

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**References / Links**

– For Guarantee see [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee)

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**DISCLAIMER**

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.