

WIL-STANDARD-5.0-SCREW-OR-WHI**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

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www.weidmueller.com



The WIL-LED lights Family: Only 8mm (9.4mm with magnet) high LED lamp for 24V DC with very high luminous efficacy and high lifespan (greater 60 000h). Very robust construction, by full potting and metal housing - waterproof (IP67). Due to its 6500K light color (daylight) suitable for the various applications. Optionally easily connectable with M12 connection. Due to the low power consumption, a small enough power supply with 24V for operation.

General ordering data

Type	WIL-STANDARD-5.0-SCREW-OR-WHI
Order No.	2527980000
GTIN (EAN)	4050118538960
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Width	240 mm	Width (inches)	9.449 inch
Height	8 mm	Height (inches)	0.315 inch
Depth	40 mm	Depth (inches)	1.575 inch
Net weight	240 g		

Temperatures

Operating temperature, max.	60 °C	Operating temperature, min.	-20 °C
Operating temperature	-20 - 60°C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Cable technical specifications

Cable Material	PUR	Sheathing colour	orange
Housing main material	hard anodised aluminium	Cable length	5 m
Core cross-section	0.34 mm ²		

Connection data

Version	Cable end open	Connection thread	without
Wiring	Brown +, Blue -		

Electric data

Rated voltage (text)	24 V DC	Rated current	0,42 A
Power	8,5 W	Dimmable	Yes

General technical data

Number of LEDs	42	Light colour (CCT)	6500K, White
Luminosity	3,470 cd	Light current	711 lm
Emitting angle	40 °	Illumination level	245 lux
Operating life	60.000 h	Type of mounting	Screw mounting
Drill hole spacing	225 mm	Impact resistance	IK05
Protection degree	IP67		

Material data

Housing main material	hard anodised aluminium	Encapsulation compound	PUR V0
Material of end caps	Diecast zinc, nickel-plated		

Standards

Certificate no. (cULus)	E354496
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Classifications

ETIM 6.0	EC001959	ETIM 7.0	EC001959
eClass 9.0	27-11-06-40	eClass 9.1	27-11-06-40
eClass 10.0	27-11-06-40		

Creation date May 2, 2020 7:45:53 AM CEST

Data sheet

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Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Engineering Data

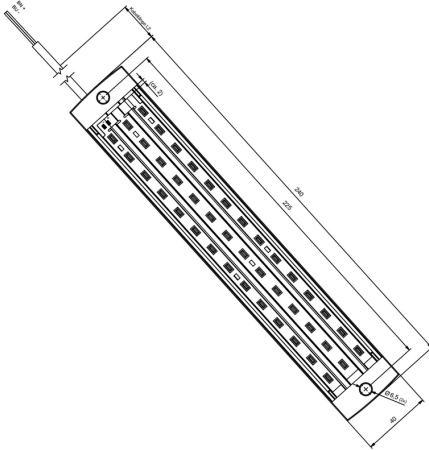
[STEP](#)

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Drawings

Dimensioned drawing



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Accessories**Motion sensor screw connection**

Motion detector for the WIL-LED luminaire with screw connection. Switching time adjustable.

General ordering data

Type	WIL-BM-SK
Order No.	2537720000
GTIN (EAN)	4050118549157
Qty.	1 pc(s).

Motion sensor Jackpac®

Motion detector for the WIL-LED luminaire in the Jackpac® housing With 3m supply cable and M12 cable for connection to the WIL lamp. Switching time adjustable.

General ordering data

Type	WIL-BM-JP-M12-3.0U
Order No.	2537710000
GTIN (EAN)	4050118549164
Qty.	1 pc(s).

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Accessories

PUR halogen-free black (U)



Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration. Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application. Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

Type	SAIL-M12BG-3-3.0U	Version	
Order No.	9457820300	Sensor/actuator line, One end without connector, M12, Number of poles :	3, 3 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248228195		
Qty.	1 pc(s).		

Motion sensor screw connection with cable



Motion detector for the WIL-LED luminaire in the Jackpac® housing With 3m supply cable and M12 cable for connection to the WIL lamp. Switching time adjustable.

General ordering data

Type	WIL-BM-SK-M12-3.0U
Order No.	2537700000
GTIN (EAN)	4050118549140
Qty.	1 pc(s).

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Accessories**Door switch**

The WIL door switch is pre-assembled with an M12 cable and an access line. This allows for a simple Plug and Produce feature with our WIL LED lamp series.

General ordering data

Type	WIL-TS-M12
Order No.	2537730000
GTIN (EAN)	4050118549188
Qty.	1 pc(s).

Magnet

Magnet for WIL lights with 240mm total length, self-adhesive

**General ordering data**

Type	WIL-MAGNET
Order No.	2526810000
GTIN (EAN)	4050118537871
Qty.	1 pc(s).

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The M8 and M12 sensor-actuator cables are supplied as standard with brass nickel-plated nuts. However if you are looking to use our products in an extremely harsh environment, we can also supply a variant with a plastic nut. This enables use in environments where cables with nickel-plated M8 and M12 nuts would rust.

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General ordering data

Type	SAIP-M12BG-3-3.0U	Version	
Order No.	1108730300	Sensor/actuator line, One end without connector, M12, Number of	
GTIN (EAN)	4032248888481	poles : 3, 3 m, Female socket, straight, Shielded: No, LED: No, Sheath	
Qty.	1 pc(s).	material: PUR, Halogen: No	