

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold

Germany

Fon: +49 5231 14-0 Fax: +49 5231 14-292083 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

Туре	WIL-STANDARD-3.0-MAG-SW-WHI	
Order No.	<u>2527930000</u>	
GTIN (EAN)	4050118538915	
Qty.	1 pc(s).	



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Technical data

Dimensions and weights

Width	240 mm	Width (inches)	9.449 inch
Height	9.5 mm	Height (inches)	0.374 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

Cable technical specifications

Cable Material	PUR	Sheathing colour	black
Housing main material	hard anodised aluminium	Cable length	3 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, Magnet
Drill hole spacing	225 mm	Impact resistance	IK05
Protection degree	IP67		

Material data

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

Standards

Certificate no. (cl.ll.us)	F354496

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		



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Technical data

Approvals

Approvals



ROHS Conform

Downloads

Engineering Data STEP



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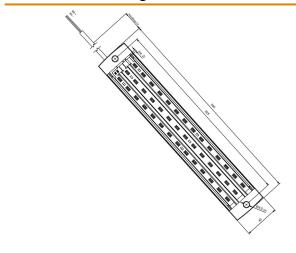
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Drawings

Dimensioned drawing





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Accessories

Motion sensor screw connection



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

Germany

General ordering data

Type WIL-BM-SK
Order No. 2537720000
GTIN (EAN) 4050118549157
Oty. 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
Oty. 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
Order No. 9457820300
GTIN (EAN) 4032248228195
Oty. 1 pc(s).

Version
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

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
Oty. 1 pc(s).



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Accessories



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
Oty. 1 pc(s).

Swivelling holder



Swivel bracket for WIL lights Very high quality version without detent

General ordering data

Type WIL-SCHWENKHALTER
Order No. 2614220000
GTIN (EAN) 4050118651249
Oty. 1 pc(s).



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Accessories

WIL power supply



Power supply IP65 for WIL standard family 85V-264V AC input, 24V DC output 400mA $\,$

General ordering data

Type WIL-NT-STANDARD
Order No. 2598350000
GTIN (EAN) 4050118611168
Oty. 1 pc(s).

PUR halogen-free black (U)



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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.

Is there something you have not managed to find or you feel needs explanation? Talk to us!

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
Oty. 1 pc(s). material: PUR, Halogen: No