

**WIL-450-W-XXXX-5.0U-S****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**

Type	WIL-450-W-XXXX-5.0U-S
Order No.	<a href="#">2535840000</a>
GTIN (EAN)	4050118547504
Qty.	1 pc(s).

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**Technical data**
**Dimensions and weights**

Width	450 mm	Width (inches)	17.716 inch
Height	8 mm	Height (inches)	0.315 inch
Depth	40 mm	Depth (inches)	1.575 inch
Net weight	250 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	black
Housing main material	hard anodised aluminium	Cable length	5 m
Core cross-section	0.34 mm <sup>2</sup>		

**Connection data**

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

**Electric data**

Rated voltage (text)	24 V DC	Rated current	0,65 A
Power	16.5 W	Dimmable	Yes

**General technical data**

Number of LEDs	84	Light colour (CCT)	6500K, White
Luminosity	3,470 cd	Light current	1,260 lm
Emitting angle	40 °	Illumination level	435 lux
Operating life	60.000 h	Type of mounting	Screw mounting
Drill hole spacing	435 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 6:44:07 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

**Data sheet**

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**Technical data**

**Approvals**

Approvals



ROHS

Conform

**Downloads**

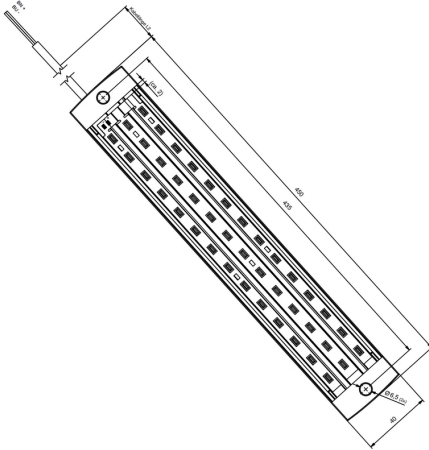
Engineering Data

[STEP](#)

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**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.	<a href="#">2537720000</a>
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.	<a href="#">2537710000</a>
GTIN (EAN)	4050118549164
Qty.	1 pc(s).

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**Accessories****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.	<a href="#">2537700000</a>
GTIN (EAN)	4050118549140
Qty.	1 pc(s).

**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.	<a href="#">2537730000</a>
GTIN (EAN)	4050118549188
Qty.	1 pc(s).

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**Accessories****Swivelling holder**

Swivel bracket for WIL lights Very high quality version without detent

**General ordering data**

Type	WIL-SCHWENKHALTER
Order No.	<a href="#">2614220000</a>
GTIN (EAN)	4050118651249
Qty.	1 pc(s).

**Magnet**

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

**General ordering data**

Type	WIL-MAGNET
Order No.	<a href="#">2526810000</a>
GTIN (EAN)	4050118537871
Qty.	1 pc(s).