

**WIL-LWXXXX-6500D012-240MFX5.0BCVPXXXXX****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

The WIL-LED lamp with car plug and magnet: Only 9.4mm high LED lamp for 12V DC with very high luminous efficacy and high Lifespan (greater 60 000h). Very robust construction, by full potting and metal housing - waterproof (IP67).

**General ordering data**

Order No.	<a href="#">2548620000</a>
Type	WIL-LWXXXX-6500D012-240MFX5.0BCVPXXXXX
GTIN (EAN)	4050118558067
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Depth	40 mm	Depth (inches)	1.575 inch
Height	9.5 mm	Height (inches)	0.374 inch
Width	240 mm	Width (inches)	9.449 inch
Net weight	100 g		

## Temperatures

Operating temperature	-20 - 60°C
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## Cable technical specifications

Cable Material	PUR	Sheathing colour	black
Cable length	5 m	Core cross-section	0.34 mm <sup>2</sup>

## Connection data

Version	Car cigarette lighter	Connection thread	Miscellaneous
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## Electric data

Rated voltage	12 V DC	Rated current	0,70 A
Power	8,5 W	Dimmable	Yes

## General technical data

Electronic equipment on rolling stock	No	Shape of the LED module	Rectangular
Type of connection	Pre-assembled cable	Number of LEDs	42
Light colour (CCT)	6500K, White	Luminosity	220 cd
Light current	637 lm	Emitting angle	40 °
Illumination level	220 lux	Operating life	60.000 h
Type of mounting	Magnet	Drill hole spacing	225 mm
Impact resistance	IK05	Protection degree	IP67
Efficiency class (according to EU Directive No. 874/2012)	F		

## Material data

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

## Classifications

ETIM 6.0	EC000996	ETIM 7.0	EC000996
ETIM 8.0	EC000996	ETIM 9.0	EC000996
ECLASS 9.1	27-11-06-35	ECLASS 10.0	27-11-06-35
ECLASS 11.0	27-11-06-35	ECLASS 12.0	27-11-06-35
ECLASS 13.0	27-11-06-35		

## Environmental Product Compliance

REACH SVHC	/
EPREL Registration number	1326623

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

User Documentation

[Designation key WIL](#)

Catalogues

[Catalogues in PDF-format](#)

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## Drawings

[illegible]

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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).

### Door switch



### 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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Germany[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Motion sensor screw connection with cable**

Motion detector for the WIL-LED luminaire with screw connection, 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).

**Swivelling holder**

Swivel bracket for WIL lights Very high quality version without detent

**Swivelling holder****General ordering data**

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

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## Accessories

## Straight



Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly. Male plugs and female socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M12 plug-in connectors offer a choice of 5 different connection systems.

The screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

## General ordering data

Type	SAIB-4/7	Version
Order No.	<a href="#">9457240000</a>	Field attachable connector, M12, Female socket, straight
GTIN (EAN)	4008190312275	
Qty.	1 pc(s).	
Type	SAIS-4/7	Version
Order No.	<a href="#">9457550000</a>	Field attachable connector, M12, pin, straight
GTIN (EAN)	4032248167647	
Qty.	1 pc(s).	

## Motion sensor Jackpac®



Motion detector for the WIL-LED luminaire with screw connection, 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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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Connect Power INSTA POWER**

The single-phase INSTA-POWER switching power supplies are characterised by a wide power spectrum, compact design and good value for money. They are suitable for temperature ranges from -25°C to +70°C, have international approvals and a wide voltage input range. This makes them suitable for a wide range of applications. This also includes signal and telecommunications systems as well as automation systems with a low power requirement up to 96 Watt.

**General ordering data**

Type	PRO INSTA 30W 24V 1.3A	Version
Order No.	<a href="#">2580190000</a>	Power supply, switch-mode power supply unit, 24 V
GTIN (EAN)	4050118590920	
Qty.	1 pc(s).	



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## Drawings

