WIL-LWXXXX-6500D012-240MFX5.0BCVPXXXXX

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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.	2548620000
Type	WIL-LWXXXX-6500D012-240M-FX5.0BCVPXXXXX
GTIN (EAN)	4050118558067
Qty.	1 items

WIL-LWXXXX-6500D012-240MFX5.0BCVPXXXXX

Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E354496

Dimensions and weights

Depth	40 mm	Depth (inches)	1.5748 inch
Height	9.5 mm	Height (inches)	0.374 inch
Width	240 mm	Width (inches)	9.4488 inch
Net weight	100 g		

Temperatures

Operating temperature	-20 - 60°C

Environmental Product Compliance

RoHS Compliance Status	Compliant without exemption
REACH SVHC	No SVHC above 0.1 wt%
EPREL Registration number	1326623

Cable technical specifications

Cable Material	PUR	Sheathing colour	black
Housing main material	hard anodised aluminium	Cable length	5 m
Core cross-section	0.34 mm²		

Connection data

LED Modul is attachable	no	Version	Car cigarette lighter
Number of poles	2	Connection thread	Miscellaneous

Electric data

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

General technical data

Type of connection	Pre-assembled cable	Electronic equipment on rolling stock	No
Shape of the LED module	Rectangular	Number of LEDs	14
Light colour (CCT)	6500K, White	Luminosity	220 cd
Light current	886 lm	Emitting angle	40 °
Illumination level	291 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		

WIL-LWXXXX-6500D012-240MFX5.0BCVPXXXXX

Technical data

Material data

Material of LED cover	ESG	Housing main material	hard anodised aluminium
Material of end caps	PBT		

Classifications

|			
ETIM 6.0	EC000996	ETIM 7.0	EC000996
ETIM 8.0	EC000996	ETIM 9.0	EC000996
ETIM 10.0	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
ECLASS 14.0	27-11-06-35	ECLASS 15.0	27-11-06-35

WIL-LWXXXX-6500D012-240MFX5.0BCVPXXXXX

Drawings

Dimensioned drawing
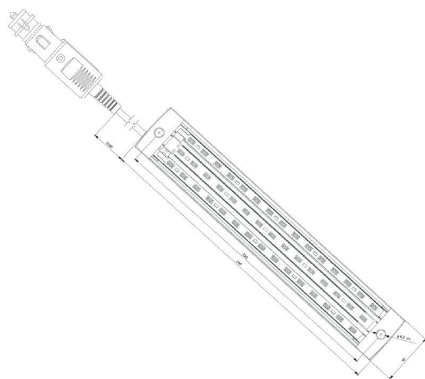
Data sheet

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

WIL-LWXXXX-6500D012-240MFX5.0BCVPXXXXX

Drawings

A

B

C

D

E

F   **F**

G
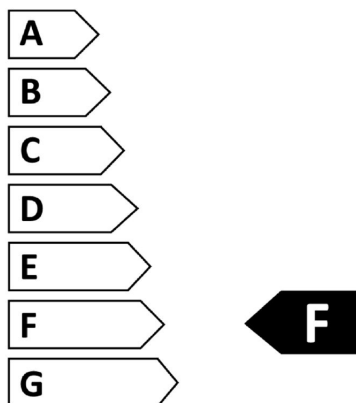
WIL-LWXXXX-6500D012-240MFX5.0BCVPXXXXX

Accessories

Screw terminal connector
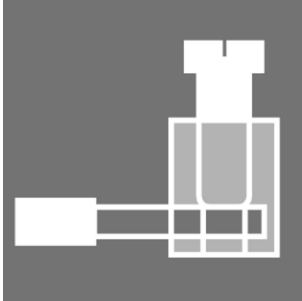
Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly.
Male plugs and female socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine 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	SAIBGS-P-4A-4/6-M12	Version
Order No.	9457240000	Field attachable connector, M12
GTIN (EAN)	4008190312275	
Qty.	1 ST	
Type	SAISGS-P-4A-4/6-M12	Version
Order No.	9457550000	Field attachable connector, M12
GTIN (EAN)	4032248167647	
Qty.	1 ST	

Motion sensor screw connection

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

General ordering data

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

Creation date 29.11.2025 06:29:31 MEZ

WIL-LWXXXX-6500D012-240MFX5.0BCVPXXXXX

Accessories

Motion sensor screw connection with cable
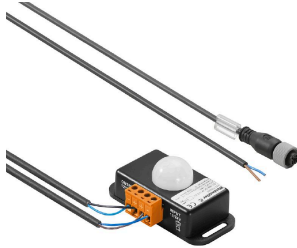
Motion detector for the WIL-LED luminaire with screw connection, 3m supply cable and M12 cable for connection to the WIL lamp. Switching time adjustable.

General ordering data

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

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	Version
Order No.	2537710000	
GTIN (EAN)	4050118549164	
Qty.	1 ST	

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.

Door Switch

General ordering data

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

Creation date 29.11.2025 06:29:31 MEZ

WIL-LWXXXX-6500D012-240MFX5.0BCVPXXXXX

Accessories

Swivelling holder

Swivel bracket for WIL lights Very high quality version without detent

Swivelling holder

General ordering data

Type	WIL-SCHWENKHALTER	Version	
Order No.	2614220000		
GTIN (EAN)	4050118651249		
Qty.	1 ST		

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.	2580190000	Power supply, switch-mode power supply unit, 24 V	
GTIN (EAN)	4050118590920		
Qty.	1 ST		