

**WIL-LBXXXX-W450D024-240SXX0.3BM12GXXXX****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

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 blue light color suitable for special color effects- Optionally easily connectable with M12 connection. Due to the low power consumption, a small enough power supply with 24V for operation.

**General ordering data**

Order No.	<a href="#">2436350000</a>
Type	WIL-LBXXXX- W450D024-240SXX0.3BM12GXXXX
GTIN (EAN)	4050118447965
Qty.	1 pc(s).

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## Technical data

### Dimensions and weights

Depth	40 mm	Depth (inches)	1.575 inch
Height	8 mm	Height (inches)	0.315 inch
Width	240 mm	Width (inches)	9.449 inch
Net weight	228 g		

### Temperatures

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

Cable Material	PUR	Sheathing colour	black
Cable length	0.3 m	Core cross-section	0.34 mm <sup>2</sup>

### Connection data

Version	pin, straight	Connection thread	M12
Coding	A-coded	Tightening torque	0.8 Nm
Wiring	Pin 4 (Strand: black) control white LED, Pin 3 (Strand: blue)		

### Electric data

Rated voltage	24 V DC	Rated current	0.317 A
Power	7.6 W	Dimmable	Yes

### General technical data

Electronic equipment on rolling stock	No	Recommended class according to UL for use of an power supply	NEC Class 2
Shape of the LED module	Rectangular	Type of connection	Pre-assembled cable
Number of LEDs	42	Light colour (CCT)	Blue
Light current	98 lm	Emitting angle	40 °
Spectral colour	445 - 460 nm	Illumination level	34 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
Threaded ring material	PA	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		

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## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	bf1e8170-69bb-4440-b3e0-4da351a9a3b0

## Approvals

Approvals



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

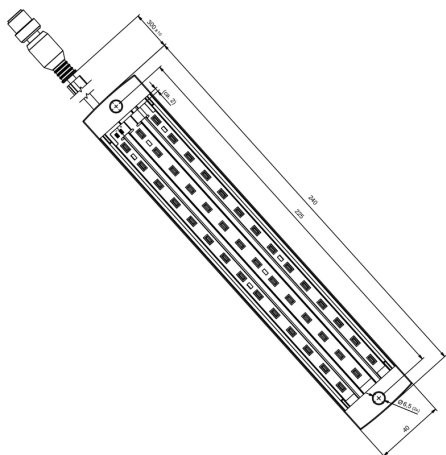
## Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">Designation key WIL</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

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## Drawings

### Detailed drawing



## Pole scheme

