

WIL-LBXXX-W450D024-240SXX0.3BM12GM12G

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

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 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.	2576970000
Type	WIL-LBXXX-W450D024-240SXX0.3BM12G-M12G
GTIN (EAN)	4050118611144
Qty.	1 items

WIL-LBXXX-W450D024-240SXX0.3BM12GM12G

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

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	8 mm	Height (inches)	0.315 inch
Width	240 mm	Width (inches)	9.4488 inch
Net weight	215 g		

Temperatures

Operating temperature -20 - 60°C

Environmental Product Compliance

RoHS Compliance Status Compliant with exemption

RoHS Exemption (if applicable/known) 6c

REACH SVHC Lead 7439-92-1

SCIP bf1e8170-69bb-4440-b3e0-4da351a9a3b0

Cable technical specifications

Cable Material	PUR	Sheathing colour	black
Housing main material	hard anodised aluminium	Cable length	0.3 m
Core cross-section	0.34 mm ²		

Connection data

LED Modul is attachable	yes	Version	Male, straight - female, straight
Number of poles	4	Coding	A-coded
Connection thread	M12 / M12	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	5,8 W	Dimmable	Yes

General technical data

Type of connection	Pre-assembled cable	Electronic equipment on rolling stock	No
Recommended class according to UL for NEC Class 2 use of an power supply		Shape of the LED module	Rectangular
Number of LEDs	14	Light colour (CCT)	Blue
Light current	98 lm	Emitting angle	40 °

WIL-LBXXXX-W450D024-240SXX0.3BM12GM12G

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technical data

Spectral colour	445 - 460 nm	Illumination level	65 lux
Operating life	60.000 h	Type of mounting	Screw mounting
Drill hole spacing	225 mm	Impact resistance	IK05
Protection degree	IP67	Efficiency class (according to EU Directive No. 874/2012)	Not required

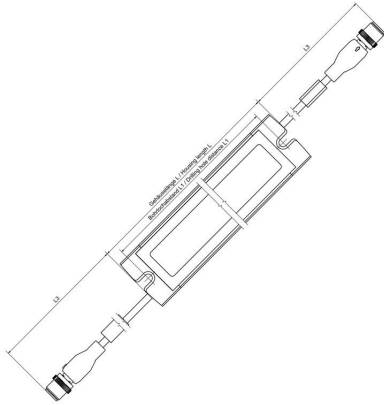
Material data

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

Classifications

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

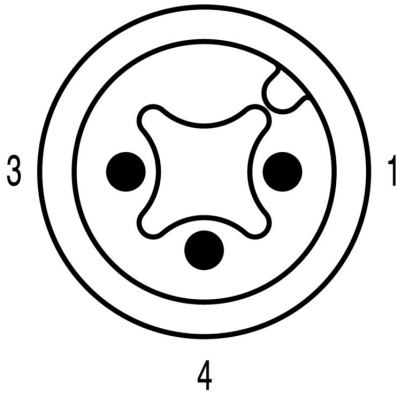
Dimensioned drawing



Detailed drawing



Pole scheme



Detailed drawing

