

WIL-LWXXXX-5000D024-450SXX0.3BM12GXXXX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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 - water-proof (IP67). Due to its 5000K light color, neutral white, suitable for the various applications. Very easy to connect thanks to the M12 connection. Due to the low power consumption, a small enough power supply with 24V for operation.

General ordering data

Order No.	2821090000
Type	WIL-LWXXXX-5000D024-450SXX0.3BM12GXXXX
GTIN (EAN)	4064675358534
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	450 mm	Width (inches)	17.716 inch
Net weight	226 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		

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	0.77 A
Power	18.4 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	84	Light colour (CCT)	5000K, White
Luminosity	553 cd	Light current	1,600 lm
Emitting angle	40 °	Illumination level	553 lux
Operating life	60.000 h	Type of mounting	Screw mounting
Drill hole spacing	435 mm	Impact resistance	IK05
Protection degree	IP67	Efficiency class (according to EU Directive No. 874/2012)	G

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
EPREL Registration number	1320872

Approvals

Approvals



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

Downloads

Engineering Data	CAD data – STEP
User Documentation	Flyer WIL
Catalogues	Catalogues in PDF-format

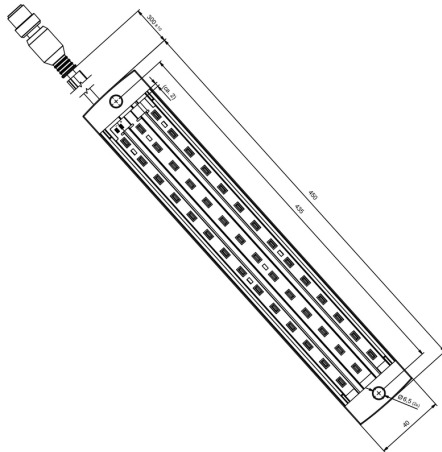
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Drawings

Dimensioned drawing



Detailed drawing



Pole scheme



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Drawings

