

WIL-LWXXXX-5700D024-450SXX3.0BXXXXXXXXXX**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 - water-proof (IP67). Due to its 5700K light color 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.	2820270000
Type	WIL-LWXXXX-5700D024-450SXX3.0BXXXXXXXXXX
GTIN (EAN)	4064675347736
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
Housing main material	hard anodised aluminium	Cable length	3 m

Connection data

Version	Cable end open	Coding	A-coded
Connection thread	without	Wiring	Pin 4 (Strand: black) control white LED, Pin 3 (Strand: blue)

Electric data

Rated voltage	24 V DC	Rated current	0.63 A
Power	15.1 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)	5700K, Cold white
Light current	1,412 lm	Emitting angle	40 °
Illumination level	493 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)	F		

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
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

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RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	bf1e8170-69bb-4440-b3e0-4da351a9a3b0
EPREL Registration number	1323519

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/
ROHS	Conform

Downloads

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

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Drawings

Technical drawing of a metal profile with the following dimensions and features:

- Overall length: 1000 mm
- Overall width: 100 mm
- Profile width: 25 mm
- Distance from end to first hole: 100 mm
- Distance between holes: 100 mm
- Distance from last hole to end: 100 mm
- Number of holes: 10
- Hole diameter: $\varnothing 10$ mm
- Profile thickness: 2 mm
- End feature: Cable connection with dimensions 100 mm and 10 mm.

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Drawings

