

WIL-LWXXXX-5000D024-350SXX3.0BXXXXXXXXXX**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.	2821080000
Type	WIL-LWXXXX-5000D024-350SXX3.0BXXXXXXXXXX
GTIN (EAN)	4064675358527
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	350 mm	Width (inches)	13.78 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		Wiring	Pin 4 (Strand: black) control white LED, Pin 3 (Strand: blue)
	without		

Electric data

Rated voltage	24 V DC	Rated current	0,55 A
Power	13.8 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	63	Light colour (CCT)	5000K, White
Luminosity	402 cd	Light current	1,167 lm
Emitting angle	40 °	Illumination level	402 lux
Operating life	60.000 h	Type of mounting	Screw mounting
Drill hole spacing	335 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
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	1321186

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/
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

Technical drawing of a rectangular plate with the following dimensions and features:

- Overall length: 1000 mm
- Overall width: 100 mm
- Overall height: 10 mm
- Central slot width: 100 mm
- Slot depth: 10 mm
- Slot position: 500 mm from each end
- Slot shape: U-shaped with rounded ends (R10)
- Central hole diameter: $\varnothing 10$ mm
- End hole diameter: $\varnothing 10$ mm
- End hole position: 10 mm from the end
- End hole shape: Circular with a chamfer (R10)

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Drawings

