

WIL-LWXXXX-2700D024-240SXX3.0BXXXXXXXXXX**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 - waterproof (IP67). Due to its 2700K 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.	2680950000
Type	WIL-LWXXXX-2700D024-240SXX3.0BXXXXXXXXXX
GTIN (EAN)	4050118694710
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	240 g		

Temperatures

Operating temperature	-20 - 60°C
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Cable technical specifications

Cable Material	PUR	Sheathing colour	black
Cable length	3 m	Core cross-section	0.34 mm ²

Connection data

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

Electric data

Rated voltage	24 V DC	Rated current	0.31 A
Power	7.5 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)	2700K, Warm white
Light current	748 lm	Emitting angle	40 °
Illumination level	263 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)	F		

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
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		

Environmental Product Compliance

EPREL Registration number	1324725
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Creation date May 4, 2024 9:39:29 AM CEST

Catalogue status 20.04.2024 / We reserve the right to make technical changes.

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Approvals



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

Downloads

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

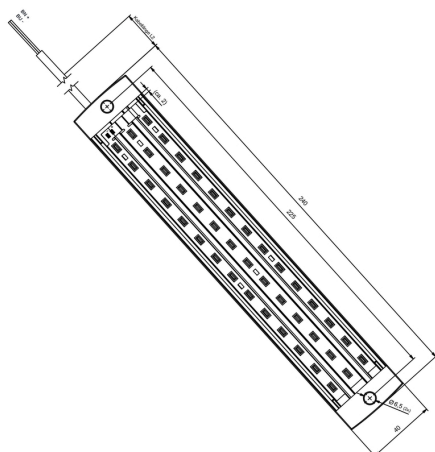
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Drawings

Dimensioned drawing



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Drawings

