

**WIL-LWXXXX-4000D024-655SXX0.3BM12GXXXX**

**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 4000K 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.	2821220000
Type	<a href="#">WIL-LWXXXX-4000D024-655SXX0.3B-M12GXXXX</a>
GTIN (EAN)	4064675358664
Qty.	1 items

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**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	11 mm	Height (inches)	0.4331 inch
Width	145 mm	Width (inches)	5.7086 inch
Net weight	226 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
EPREL Registration number	1324435

**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 <sup>2</sup>		

**Connection data**

LED Modul is attachable	no	Version	pin, straight
Coding	A-coded	Connection thread	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	0.924 A
Power	22.6 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	42	Light colour (CCT)	4000K, Neutral white
Light current	2718 lm	Emitting angle	40°
Illumination level	830 lux	Operating life	60.000 h
Type of mounting	Screw mounting	Drill hole spacing	640 mm

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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		

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Drawings

Dimensioned drawing



Detailed drawing



Detailed drawing



Pole scheme

