

Weidmüller Interface GmbH & Co. KG

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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 6500K light color (daylight) suitable for the various applications. Optionally easily connectable with M12 connection. Due to the low power consumption, a small enough power supply with 24V for operation.

General ordering data

Order No.	2535910000
Туре	WIL-LWXXXX-6500D024-860SXX0.3B- M12GXXXX
GTIN (EAN)	4050118547573
Qty.	1 items

Catalogue status / Drawings





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Technical data

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Approvals	4 4 6
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ROHS	Conform
UL File Number Search	<u>UL Website</u>
Certificate no. (cULus)	E354496

Dimensions and weights

Depth	40 mm	Depth (inches)	1.5748 inch
Height	8 mm	Height (inches)	0.315 inch
Width	860 mm	Width (inches)	33.8582 inch
Net weight	650 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	1323131

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 mm²		

Connection data

LED Modul is attachable	no	Version	pin, straight
Number of poles	2	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	1.23 A
Power	29.6 W	Dimmable	Yes

General technical data

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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	56	Light colour (CCT)	6500K, White
Luminosity	3470 cd	Light current	3543 lm

Creation date 28.11.2025 09:36:24 MEZ

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Emitting angle	40 °	Illumination level	1059 lux
Operating life	60.000 h	Type of mounting	Screw mounting
Drill hole spacing	845 mm	Impact resistance	IK05
Protection degree	IP67	Efficiency class (according to EU Directive No. 874/2012)	G

Material data

Material of LED cover	ESG	Housing main material	hard anodised aluminium
Threaded ring material	PA	Material of end caps	PBT

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

Catalogue status / Drawings



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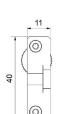
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Drawings

Dimensioned drawing

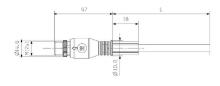


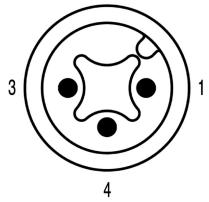


Pole scheme

Pole scheme

Detailed drawing





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