

**WIL-LWXXXX-6500D024-765SXX0.3BM12GXXXX****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

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 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.	<a href="#">2535890000</a>
Type	WIL-LWXXXX-6500D024-765SXX0.3BM12GXXXX
GTIN (EAN)	4050118547559
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	765 mm	Width (inches)	30.118 inch
Net weight	550 g		

**Temperatures**

Operating temperature	-20 - 60°C
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**Cable technical specifications**

Cable Material	PUR	Sheathing colour	black
Cable length	0.3 m	Core cross-section	0.34 mm <sup>2</sup>

**Connection data**

Version	pin, straight	Connection thread	M12
Number of poles	2	Coding	A-coded
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	1.07 A
Power	25.7 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	147	Light colour (CCT)	6500K, White
Luminosity	3,470 cd	Light current	2,177 lm
Emitting angle	40 °	Illumination level	749 lux
Operating life	60.000 h	Type of mounting	Screw mounting
Drill hole spacing	750 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
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
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		

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REACH SVHC	Lead 7439-92-1
SCIP	bf1e8170-69bb-4440-b3e0-4da351a9a3b0
EPREL Registration number	1323122

**Approvals**

Approvals



ROHS	Conform
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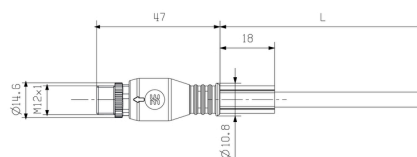
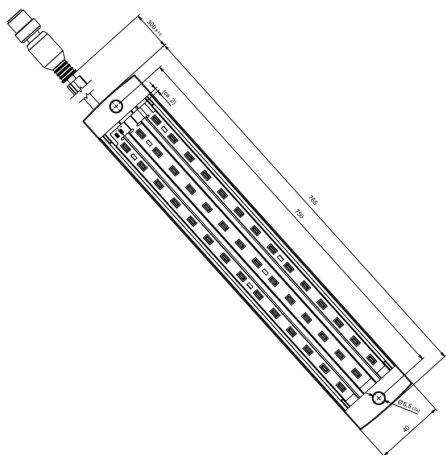
**Downloads**

Engineering Data	<a href="#">CAD data – STEP</a>
User Documentation	<a href="#">Designation key WIL</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

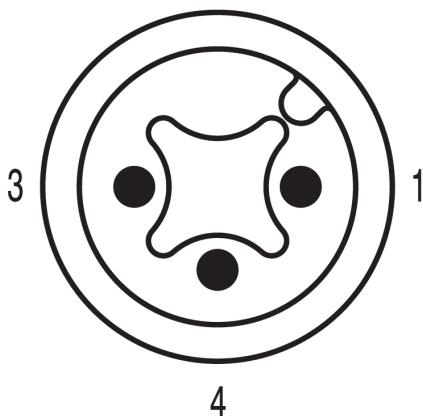
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## Drawings

### Detailed drawing



## Pole scheme



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Drawings

