

**WIL-LWXXXX-6500D024-145SXX5.0BXXXXXXXXXX****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 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="#">253580000</a>
Type	WIL- LWXXXX-6500D024-145SXX5.0BXXXXXXXXXX
GTIN (EAN)	4050118547467
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	145 mm	Width (inches)	5.709 inch
Net weight	100 g		

### Temperatures

Operating temperature	-20 - 60°C
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### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1	SCIP	bf1e8170-69bb-4440-b3e0-4da351a9a3b0
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### Cable technical specifications

Cable Material	PUR	Sheathing colour	black
Cable length	5 m	Core cross-section	0.34 mm <sup>2</sup>

### Connection data

Version	Cable end open	Connection thread	without
Number of poles	2	Wiring	Pin 4 (Strand: black) control white LED, Pin 3 (Strand: blue)

### Electric data

Rated voltage	24 V DC	Rated current	0.162 A
Power	3.9 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	21	Light colour (CCT)	6500K, White
Luminosity	3,470 cd	Light current	340 lm
Emitting angle	40 °	Illumination level	118 lux
Operating life	60,000 h	Type of mounting	Screw mounting
Drill hole spacing	130 mm	Impact resistance	IK05
Protection degree	IP67		

### 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	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		

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### Approvals

Approvals



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

### 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>

**Data sheet**

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**Drawings**

**Dimensioned drawing**

