

**WIL-LWXXXX-6500D024-450SXX5.0BXXXXXXXXXX****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.	2535840000
Type	<a href="#">WIL-LWXXXX-6500D024-450SXX5.0BXXXXXXXXXX</a>
GTIN (EAN)	4050118547504
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	8 mm	Height (inches)	0.315 inch
Width	450 mm	Width (inches)	17.7165 inch
Net weight	250 g		

### Temperatures

Operating temperature -20 - 60°C

### Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

EPREL Registration number 1323215

### Cable technical specifications

Cable Material	PUR	Sheathing colour	black
Housing main material	hard anodised aluminium	Cable length	5 m
Core cross-section	0.34 mm <sup>2</sup>		

### Connection data

LED Modul is attachable	no	Version	Cable end open
Number of poles	2	Coding	none
Connection thread	without	Wiring	Pin 4 (Strand: black) control white LED, Pin 3 (Strand: blue)

### Electric data

Rated voltage	24 V DC	Rated current	0.631 A
Power	15.1 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	28	Light colour (CCT)	6500K, White
Luminosity	3470 cd	Light current	1772 lm
Emitting angle	40 °	Illumination level	563 lux
Operating life	60.000 h	Type of mounting	Screw mounting

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Drill hole spacing	435 mm	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
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		

Dimensioned drawing



Detailed drawing

