

**WIL-LWXXXX-6500D024-450SXX0.3BM12GXXXX****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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**

Type	WIL-LWXXXX-6500D024-450SXX0.3BM12GXXXX
Order No.	<a href="#">2535830000</a>
GTIN (EAN)	4050118547498
Qty.	1 pc(s).

WIL-LWXXXX-6500D024-450SXX0.3BM12GXXXX

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

## Technical data

### Dimensions and weights

Width	450 mm	Width (inches)	17.716 inch
Height	8 mm	Height (inches)	0.315 inch
Depth	40 mm	Depth (inches)	1.575 inch
Net weight	250 g		

### Temperatures

Operating temperature, max.	60 °C	Operating temperature, min.	-20 °C
Operating temperature	-20 - 60°C		

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

### 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

Version	pin, straight	Coding	A
Connection thread	M12	Tightening torque	0.8 Nm
Wiring	Pin 4 (Strand: black) control white LED, Pin 3 (Strand: blue)		

### Electric data

Rated voltage (text)	24 V DC	Rated current	0,65 A
Power	16.5 W	Dimmable	Yes

### General technical data

Number of LEDs	84	Light colour (CCT)	6500K, White
Luminosity	3,470 cd	Light current	1,260 lm
Emitting angle	40 °	Illumination level	435 lux
Operating life	60.000 h	Type of mounting	Screw mounting
Drill hole spacing	435 mm	Impact resistance	IK05
Protection degree	IP67		

### Material data

Housing main material	hard anodised aluminium	Encapsulation compound	PUR V0
Threaded ring material	PA	Material of end caps	Diecast zinc, nickel-plated

### Standards

Certificate no. (cULus)	E354496
-------------------------	---------

**Data sheet****WIL-LWXXXX-6500D024-450SXX0.3BM12GXXXX****Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
www.weidmueller.com**Technical data****Classifications**

ETIM 6.0	EC001959	ETIM 7.0	EC001959
eClass 9.0	27-11-06-40	eClass 9.1	27-11-06-40
eClass 10.0	27-11-06-40		

**Approvals**

Approvals



ROHS

Conform

**Downloads**

Engineering Data

[STEP](#)

**Data sheet**

**WIL-LWXXXX-6500D024-450SXX0.3BM12GXXXX**

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
Fax: +49 5231 14-292083  
[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

**Dimensioned drawing**

