

WIL-LWXXXX-5000D024-655SXX3.0BXXXXXXXXXX**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 - water-proof (IP67). Due to its 5000K light color, neutral white, suitable for the various applications. Very easy to connect thanks to the M12 connection. Due to the low power consumption, a small enough power supply with 24V for operation.

General ordering data

Order No.	2821140000
Type	WIL-LWXXXX-5000D024-655SXX3.0BXXXXXXXXXX
GTIN (EAN)	4064675358589
Qty.	1 pc(s).

WIL-LWXXXX-5000D024-655SXX3.0BXXXXXXXXXX

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	40 mm	Depth (inches)	1.575 inch
Height	8 mm	Height (inches)	0.315 inch
Width	655 mm	Width (inches)	25.787 inch
Net weight	226 g		

Temperatures

Operating temperature	-20 - 60°C
-----------------------	------------

Cable technical specifications

Cable Material	PUR	Sheathing colour	black
Cable length	3 m		

Connection data

Version	Cable end open	Connection thread	without
Coding		Wiring	Pin 4 (Strand: black) control white LED, Pin 3 (Strand: blue)
	A-coded		

Electric data

Rated voltage	24 V DC	Rated current	1,10 A
Power	26.5 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	126	Light colour (CCT)	5000K
Luminosity	812 cd	Light current	2,371 lm
Emitting angle	40 °	Illumination level	812 lux
Operating life	60.000 h	Type of mounting	Screw mounting
Drill hole spacing	640 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
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		

WIL-LWXXXX-5000D024-655SXX3.0BXXXXXXXXXX

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	bf1e8170-69bb-4440-b3e0-4da351a9a3b0
EPREL Registration number	1321327

Approvals

Approvals



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

Downloads

Engineering Data	CAD data – STEP
User Documentation	Flyer WIL
Catalogues	Catalogues in PDF-format

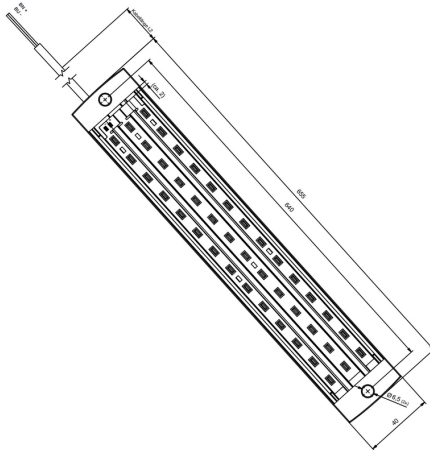
WIL-LWXXXX-5000D024-655SXX3.0BXXXXXXXXXX

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

Dimensioned drawing



WIL-LWXXXX-5000D024-655SXX3.0BXXXXXXXXXX

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Drawings

