

WIL-LWXXXX-4000D024-555SXX0.3BM12GXXXX

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 4000K 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. | 2732860000 |
| Type | WIL-LWXXXX-4000D024-555SXX0.3B-M12GXXXX |
| GTIN (EAN) | 4050118829242 |
| 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 | 11 mm | Height (inches) | 0.4331 inch |
| Width | 555 mm | Width (inches) | 21.8503 inch |
| Net weight | 497.4 g | | |

Temperatures

Operating temperature -20 - 60°C

Environmental Product Compliance

| | |
|--------------------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c |
| REACH SVHC | Lead 7439-92-1 |
| SCIP | bf1e8170-69bb-4440-b3e0-4da351a9a3b0 |
| EPREL Registration number | 1324407 |

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 ² | | |

Connection data

| | | | |
|-------------------------|---|-------------------|---------------|
| LED Modul is attachable | no | Version | pin, straight |
| Number of poles | 2 | Coding | A-coded |
| Connection thread | M12 | 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 | 0.77 A |
| Power | 18.8 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 | 35 | Light colour (CCT) | 4000K, Neutral white |
| Luminosity | 650 cd | Light current | 2265 lm |

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| Emitting angle | 40 ° | Illumination level | 705 lux |
| Operating life | 60.000 h | Type of mounting | Screw mounting |
| Drill hole spacing | 540 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 |
| Threaded ring material | PA | 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 | | |

Drawings

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Dimensioned drawing



Detailed drawing



Detailed drawing



Pole scheme

