

WLS28-2XWR-285L25XQ

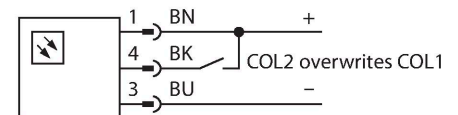
Work Light – Linear Light



Features

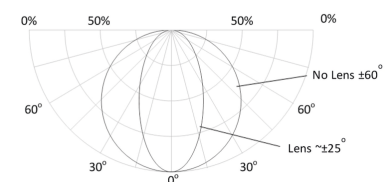
- Light beam: 285mm
- Operating voltage: 12...30 VDC
- Protection class: IP50
- Color 1: Daylight white (100% light intensity)
- Color 2: Red (100% light intensity)
- Two-color linear light
- M12 x 1 male, straight, 4-pin
- Window with 25-degree lens
- SMBWLS28RA mounting bracket included in delivery

Wiring diagram



Functional principle

The energy-efficient LED work lights are ideally suited for industrial applications. The color temperature is between 4,700 and 5,300 Kelvin (cool white). Depending on the model, the luminous flux is 475 or 1900 lumen. Some work lights are switched on/off via supply power (10...30 VDC) and some types by means of a button directly at the LED lamp. In addition, the LED can be switched to second color by activating a high signal on PIN 4, or for the variants with a switch by means of a further switch position. This additional color can be selected with either 100, 50 or 33% light intensity. Cascadable variants are also available. Variants with a clear or diffuse plastic windows, as well as with an aperture angle of 25°.



Technical data

| | |
|------------------------------|--------------------------------------|
| Type | WLS28-2XWR-285L25XQ |
| ID | 3094328 |
| Signal and display data | |
| Purpose | LED work light |
| Function | Linear light |
| Light type | White/Red |
| Luminous flux lumen | 650 lm |
| Aperture angle degree | 25 ° |
| Beam angle | 25° |
| LED service life (L70) | 50000 h |
| Dimmable | Yes |
| Features of color 1 | White, Permanently on, 100 %, 475 lm |
| Features of color 2 | Red, Permanently on, 100 %, 200 lm |
| Electrical data | |
| Operating voltage | 12...30 VDC |
| DC rated operational current | ≤ 660 mA |
| Input power | 7.92 W |
| Mechanical data | |
| Cascadable | No |
| Design | Rectangular, WLS28-2 |
| Dimensions | 327 x 28 x 32.2 mm |
| Housing material | Metal, AL |
| Window material | Acrylic, clear |
| Electrical connection | Connector, M12 × 1, PVC |
| Number of cores | 4 |
| Ambient temperature | -40...+70 °C |
| Storage temperature | -40...+70 °C |

Technical data

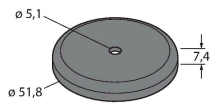
| | |
|-------------------|----------|
| Relative humidity | 0...90 % |
| Protection class | IP50 |
| Tests/approvals | |
| Approvals | CE, UL |

| Light Length | Typical Current | | | Max. Current A |
|--------------|-----------------|--------|--------|-------------------|
| | 12 VDC | 24 VDC | 30 VDC | |
| 145 mm | 0.33 A | 0.15 A | 0.12 A | 0.4 |
| 285 mm | 0.66 A | 0.30 A | 0.24 A | 0.8 |
| 430 mm | 1.01 A | 0.46 A | 0.36 A | 1.2 |
| 570 mm | 1.36 A | 0.61 A | 0.48 A | 1.6 |
| 710 mm | 1.75 A | 0.77 A | 0.60 A | 2.0 |
| 850 mm | 2.13 A | 0.92 A | 0.73 A | 2.4 |
| 990 mm | 2.59 A | 1.08 A | 0.85 A | 2.8 |
| 1130 mm | 3.04 A | 1.24 A | 0.97 A | 3.2 |

Accessories

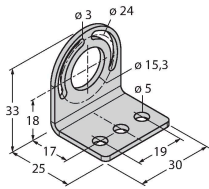
SMBWLSMAG 3019574

Magnetic fixture for mounting work lights and sensors, 2 pieces



SMBWLS28RA 3015764

Mounting bracket, angled, metal, for WLS28 work lights, 5 mm drill holes, screw set included



SMBWLS28SP 3088063

Snap bracket for mounting WLS28 work lights



Accessories

| Dimension drawing | Type | ID | |
|-------------------|---------------|---------|---|
| | RKC4.4T-2/TEL | 6625013 | Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval |
| | WKC4.4T-2/TEL | 6625025 | Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval |