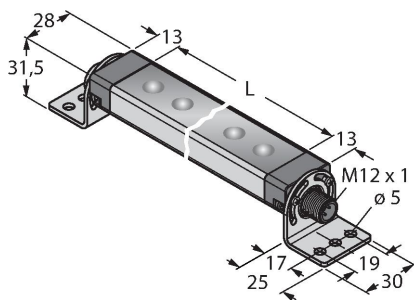


WLS28-2XWR2-990SQ

LED Linear Light – In the Metal Housing



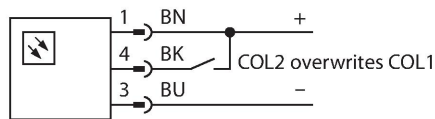
Technical data

Type	WLS28-2XWR2-990SQ
ID	303302
Signal and display data	
Purpose	LED work light
Function	Linear light
Light type	White/Red
Luminous flux lumen	2275 lm
Aperture angle degree	60 °
Beam angle	wide beam 40-80°
LED service life (L70)	50000 h
Dimmable	Yes
Electrical data	
Operating voltage U_b	12...30 VDC
DC rated operating current I_b	≤ 2590 mA
Input power	31.08 W
Mechanical data	
Cascadable	No
Design	Rectangular, WLS28-2
Dimensions	1031 x 28 x 21 mm
Housing material	Metal, AL
Window material	Polycarbonate, clear
Electrical connection	Connector, M12 × 1
Ambient temperature	-25...+70 °C
Storage temperature	-40...+70 °C
Relative humidity	0...90 %
Protection class	IP67 IP69

Features

- Light beam: 990mm
- Operating voltage: 12...30 VDC
- Protection class: IP67 / IP69K
- Color 1: Daylight white (100% light intensity)
- Color 2: red (50% light intensity)
- Two-color linear light
- M12 x 1 male, straight, 4-pin
- SMBWLS28RA mounting bracket included in delivery

Wiring diagram



Functional principle

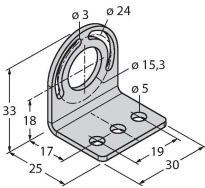
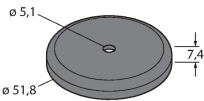
The energy-efficient LED work lights are ideally suited for industrial applications. The color temperature is between 4,700 and 5,300 Kelvin (cool white). Depending on the model, the luminous flux is 475 or 1900 lumen. Some work lights are switched on/off via supply power (10...30 VDC) and some types 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

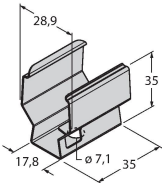
Tests/approvals	
Approvals	CE, UL

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
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SMBWLS28SP	3088063	Snap bracket for mounting WLS28 work lights
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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