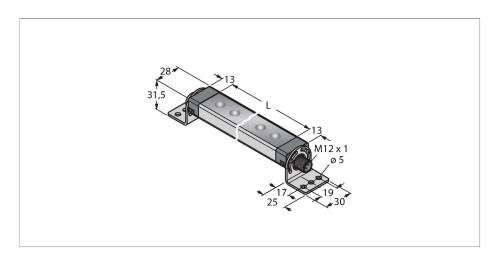


WLS28-2CW285XPWMQ Work Light – Linear Light



Technical data

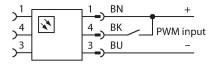
Signal and display data Purpose LED work light Function Linear light Light type White Color temperature 6100+7000 K Luminous flux lumen 650 lm Aperture angle degree 60 ° Beam angle wide beam 40-80° LED service life (L70) 50000 h Dimmable PWM Features of color 1 White, Permanently on, 800 lm Electrical data Operating voltage 1230 VDC DC rated operational current ≤ 660 mA Input power 7.92 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 335 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 x 1, PVC Number of cores 4 Ambient temperature -40+70 °C Storage temperature -40+70 °C	Туре	WLS28-2CW285XPWMQ
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Dimensions 335 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 x 1, PVC Number of cores 4 Ambient temperature -40+70 °C	Cascadable	Yes
Housing material Window material Polycarbonate, clear Electrical connection Connector, M12 × 1, PVC Number of cores 4 Ambient temperature -40+70 °C	Design	Rectangular, WLS28-2
Window material Polycarbonate, clear Electrical connection Connector, M12 × 1, PVC Number of cores 4 Ambient temperature -40+70 °C	Dimensions	335 x 28 x 20.9 mm
Electrical connection Connector, M12 × 1, PVC Number of cores 4 Ambient temperature -40+70 °C	Housing material	Metal, AL
Number of cores 4 Ambient temperature -40+70 °C	Window material	Polycarbonate, clear
Ambient temperature -40+70 °C	Electrical connection	Connector, M12 × 1, PVC
	Number of cores	4
Storage temperature -40+70 °C	Ambient temperature	-40+70 °C
	Storage temperature	-40+70 °C

Features

- Cascadable
- Light beam: 285mm
- Operating voltage: 12...30 VDC
- ■Protection class: IP50
- Color: White
- ■M12 x 1 male, straight, 4-pin
- Dimmable via PWM input
- SMBWLS28RA mounting bracket included

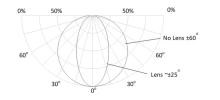
in delivery

Wiring diagram



Functional principle

The energy-efficient LED work lights are ideally suited for industrial applications. The color temperature is between 6,000 and 7,100 Kelvin (cool white). Depending on the model, the luminous flux is 325 or 2600 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 dimmed to 50% of its light output by activating a high signal on PIN 4, or for the variants with a switch by means of a further switch position. On some models the light output is continuously dimmable via a PWM signal on PIN 4. Cascadable variants are also available. Variants with a clear or diffuse plastic windows, as well as with an aperture angle of 25°.

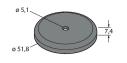


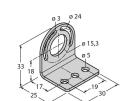
Relative humidity	090 %
Protection class	IP50
Tests/approvals	
Approvals	CE, UL

Light	Typical Current			Max. Current
Length	12 VDC	24 VDC	30 VDC	Α
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



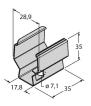


SMBWLS28RA

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	Туре	ID	
M12x1 015 14 11.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.	RKC4.4T-2/TEL	6625013	Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval
9 15 M12 x 1	WKC4.4T-2/TEL	6625025	Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval