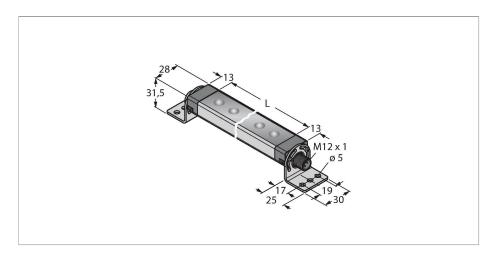


WLS28-2CWY-850DXQ Work Light – Linear Light



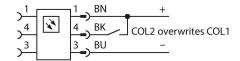
Technical data

Туре	WLS28-2CWY-850DXQ			
ID	3097135			
Signal and display data				
Purpose	LED work light			
Function	Linear light			
Light type	White Yellow			
Luminous flux lumen	1950 lm			
Aperture angle degree	60 °			
Beam angle	wide beam 40-80°			
LED service life (L70)	50000 h			
Dimmable	Yes			
Features of color 1	White, Permanently on, 100 %, 1070 Im			
Features of color 2	Yellow, Permanently on, 100 %, 340 lm			
Electrical data				
Operating voltage	1230 VDC			
DC rated operational current	≤ 2130 mA			
Input power	25.56 W			
Mechanical data				
Cascadable	Yes			
Design	Rectangular, WLS28-2			
Dimensions	899 x 28 x 20.9 mm			
Housing material	Metal, AL			
Window material	Polycarbonate, diffuse			
Electrical connection	Connector, M12 × 1, PVC			
Number of cores	4			
Ambient temperature	-40+70 °C			

Features

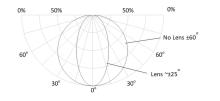
- Cascadable
- Light beam: 850mm
- Operating voltage: 12...30 VDC
- ■Protection class: IP50
- Color 1: Daylight white (100 % light intensi-
- Color 2: yellow (100 % light intensity)
- ■Two-color linear light
- ■M12 x 1 male, straight, 4-pin
- SMBWLS28RA mounting bracket included in delivery

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°.



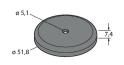
Technical data

Storage temperature	-40+70 °C
Relative humidity	090 %
Protection class	IP50
Tests/approvals	
Approvals	CE, UL

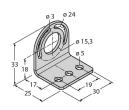
Light	Typical Current		Max. Current	
Length	12 VDC	24 VDC	30 VDC	Α
145 mm	0.33 A	0.15 A	0.12 A	0.4
285 mm	0.66 A	0.30 A	0.24 A	0.8
430 mm	1.01 A	0.46 A	0.36 A	1.2
570 mm	1.36 A	0.61 A	0.48 A	1.6
710 mm	1.75 A	0.77 A	0.60 A	2.0
850 mm	2.13 A	0.92 A	0.73 A	2.4
990 mm	2.59 A	1.08 A	0.85 A	2.8
1130 mm	3.04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

Accessories

SMBWLSMAG	3019574
	Magnetic fixture for mounting work lights and sensors. 2 pieces



SMBWLS28RA

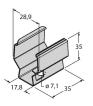


3015764 Mounting bracket, angled, metal, for WLS28 work lights, 5 mm drill holes, screw set included

SMBWLS28SP

3088063

Snap bracket for mounting WLS28 work lights



Accessories

Dimension drawing	Туре	ID	
M12x1 o 15	RKC4.4T-2/TEL	6625013	Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval
0 15 M12 x 1 26.5	WKC4.4T-2/TEL	6625025	Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval