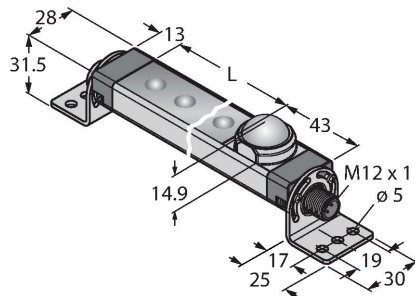# WLS28-2XW570XMQ
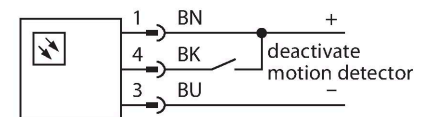# Work Light –   Linear Light

Features

- Motion detector
- Light beam: 570 mm
- Operating voltage: 12…30 VDC
- Protection class: IP50
- Color: White
- M12 x 1 male, straight, 4-pin
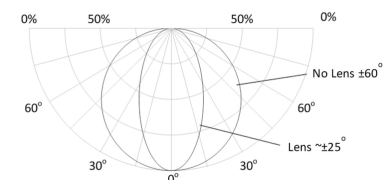- SMBWLS28RA mounting bracket included in delivery

Wiring diagram

Functional principle

The energy-efficient LED work lights are ideally suited for industrial applications. The color temperature is between 6,000 and 7,100 Kelvin (cool white). Depending on the model, the luminous flux is 325 or 2600 lumen. The LED light is switched on/off via a built-in motion switch. The range of the motion switch is 12 meters at a field of view of ± 45 °. After about 60 seconds without motion detection, the LED light will turn off automatically. Moreover, this motion switch can be disabled by controlling a high 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°.

Technical data

Type	WLS28-2XW570XMQ
ID	3094472
Signal and display data	
Purpose	LED work light
Function	Linear light
Light type	White
Color temperature	6100…+7000 K
Luminous flux lumen	1300 lm
Aperture angle degree	60 °
Beam angle	wide beam 40-80°
LED service life (L70)	50000 h
Dimmable	No
Features of color 1	White, Permanently on, 1600 lm
Electrical data	
Operating voltage	12…30 VDC
DC rated operational current	≤ 1360 mA
Input power	16.32 W
Current consumption non-actuated	≤ 0.17 mA
Mechanical data	
Cascadable	No
Design	Rectangular, WLS28-2
Dimensions	639 x 28 x 35.9 mm
Housing material	Metal, AL
Window material	Polycarbonate, clear
Electrical connection	Connector, M12 × 1, PVC
Number of cores	4
with motion switch	yes

Technical data

Ambient temperature	-20…+60 °C
Storage temperature	-40…+70 °C
Relative humidity	0…90 %
Protection class	IP50
Tests/approvals	
Approvals	CE, UL

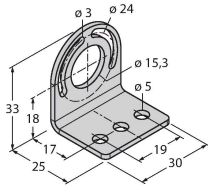| Light Length	Typical Current			Max. Current
	12 VDC	24 VDC	30 VDC	A
145 mm	0.33 A	0.15 A	0.12 A	0.4
285 mm	0.66 A	0.30 A	0.24 A	0.8
430 mm	1.01 A	0.46 A	0.36 A	1.2
570 mm	1.36 A	0.61 A	0.48 A	1.6
710 mm	1.75 A	0.77 A	0.60 A	2.0
850 mm	2.13 A	0.92 A	0.73 A	2.4
990 mm	2.59 A	1.08 A	0.85 A	2.8
1130 mm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

Accessories

SMBWLSMAG	3019574

Magnetic fixture for mounting work lights and sensors, 2 pieces
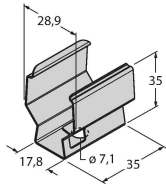

SMBWLS28RA	3015764

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