

WLS28-2CWR2-145DSQ

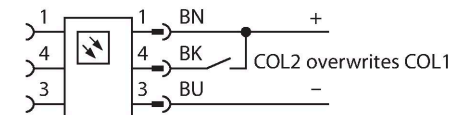
Work Light – Linear Light



Features

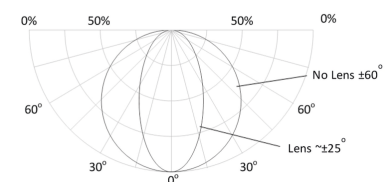
- Cascadable
- Light beam: 145mm
- Operating voltage: 12...30 VDC
- Protection class: IP67 / IP69K
- Color 1: Daylight white (100% light intensity)
- Color 2: red (50% light intensity)
- Two-color linear light
- M12 x 1 male, straight, 4-pin
- SMBWLS28RA mounting bracket included in delivery

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

Type	WLS28-2CWR2-145DSQ
ID	3802892
Signal and display data	
Purpose	LED work light
Function	Linear light
Light type	White/Red
Luminous flux lumen	325 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 %, 180 lm
Features of color 2	Red, Permanently on, 50 %, 40 lm
Special features	Wash down
Electrical data	
Operating voltage	12...30 VDC
DC rated operational current	≤ 330 mA
Input power	3.96 W
Mechanical data	
Cascadable	Yes
Design	Rectangular, WLS28-2
Dimensions	193 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

Technical data

Storage temperature	-40...+70 °C
Relative humidity	0...90 %
Protection class	IP65 IP67 IP69
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

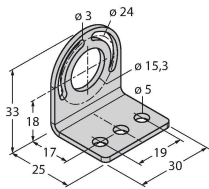
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Magnetic fixture for mounting work lights and sensors, 2 pieces



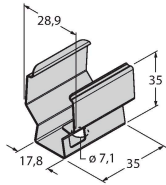
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Mounting bracket, angled, metal, for WLS28 work lights, 5 mm drill holes, screw set included



SMBWLS28SP	3088063
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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