

WLS28-2XGR-285XQ

LED Linear Light – In the Metal Housing



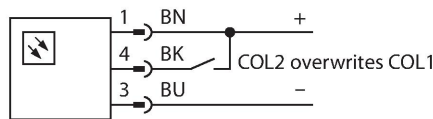
Technical data

Type	WLS28-2XGR-285XQ
ID	3092771
Signal and display data	
Purpose	LED work light
Function	Linear light
Light type	Green Red
Luminous flux lumen	650 lm
Aperture angle degree	60 °
Beam angle	wide beam 40-80°
LED service life (L70)	50000 h
Dimmable	Yes
Features of color 1	Green, Permanently on, 100 %, 300 lm
Features of color 2	Red, Permanently on, 100 %, 200 lm
Electrical data	
Operating voltage U _B	12...30 VDC
DC rated operating current I _o	≤ 660 mA
Input power	7.92 W
Mechanical data	
Cascadable	No
Design	Rectangular, WLS28-2
Dimensions	327 x 28 x 20.9 mm
Housing material	Metal, AL
Window material	Polycarbonate, clear
Electrical connection	Connector, M12 × 1, PVC
Number of cores	4
Ambient temperature	-40...+70 °C

Features

- Light beam: 285mm
- Operating voltage: 12...30 VDC
- Protection class: IP67 / IP69K
- Color 1: Green (100% light intensity)
- Color 2: Red (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	0...90 %
Protection class	IP50
Tests/approvals	
Approvals	CE, UL

Accessories

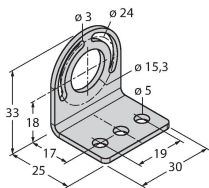
SMBWLSMAG	3019574
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Magnetic fixture for mounting work lights and sensors, 2 pieces



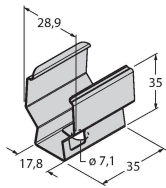
SMBWLS28RA	3015764
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Mounting bracket, angled, metal, for WLS28 work lights, 5 mm drill holes, screw set included



SMBWLS28SP	3088063
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Snap bracket for mounting WLS28 work lights



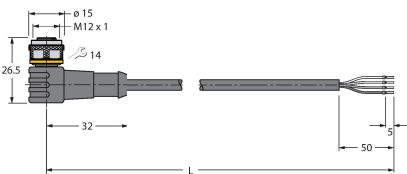
Accessories

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
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Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval