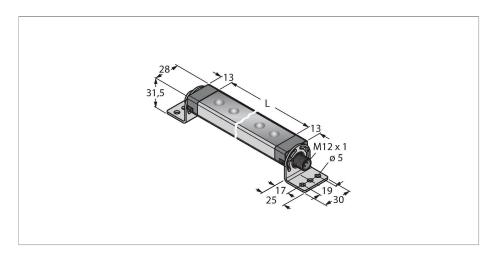


# WLS28-2XR285L25XQ Work Light – Linear Light



#### Technical data

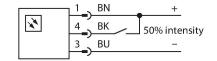
Signal and display data  Purpose LED work light  Function Linear light  Light type Red  Luminous flux lumen 650 lm  Aperture angle degree 25 °  Beam angle 25°  LED service life (L70) 50000 h  Dimmable Two-stage  Features of color 1 Red, Permanently on, 110 lm  Electrical data  Operating voltage 1230 VDC  DC rated operational current ≤ 660 mA  Input power 7.92 W  Mechanical data  Cascadable No  Design Rectangular, WLS28-2  Dimensions 327 x 28 x 32.2 mm  Housing material Metal, AL	Туре	WLS28-2XR285L25XQ
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Housing material Metal, AL	Design	Rectangular, WLS28-2
- <u>-</u>	Dimensions	327 x 28 x 32.2 mm
Window material Aprilio clear	Housing material	Metal, AL
Wildow material Acrylic, clear	Window material	Acrylic, clear
Electrical connection Connector, M12 × 1, PVC	Electrical connection	Connector, M12 × 1, PVC
Number of cores 4	Number of cores	4
Ambient temperature -40+70 °C	Ambient temperature	-40+70 °C
Storage temperature -40+70 °C	Storage temperature	-40+70 °C
Relative humidity 090 %	Relative humidity	090 %



#### **Features**

- ■Light beam: 285mm
- Operating voltage: 12...30 VDC
- Protection class: IP50
- Color red
- ■M12 x 1 male, straight, 4-pin
- SMBWLS28RA mounting bracket included in delivery

#### Wiring diagram



## Functional principle

The low-energy 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°

Application note:

Cascading with 12 V supply allows total light length of 1.4 m. Cascading with 24 V supply allows total light length of 3.0 m. Cascading with 30 V supply allows total light length of 3.1 m.



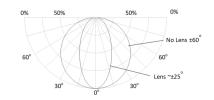
### Technical data

Protection class IP50

Tests/approvals

Approvals CE, UL

At 50% light intensity, the length specifications should be doubled.

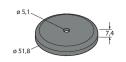


Light	Typical Current			Max. Current
Length	12 VDC	24 VDC	30 VDC	Α
145 mm	0.33 A	0.15 A	0.12 A	0.4
285 mm	0.66 A	0.30 A	0.24 A	0.8
430 mm	1.01 A	0.46 A	0.36 A	1.2
570 mm	1.36 A	0.61 A	0.48 A	1.6
710 mm	1.75 A	0.77 A	0.60 A	2.0
850 mm	2.13 A	0.92 A	0.73 A	2.4
990 mm	2.59 A	1.08 A	0.85 A	2.8
1130 mm	3.04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

#### Accessories

SMBWLSMAG 3019574 SMBWLS28RA

Magnetic fixture for mounting work lights and sensors, 2 pieces



IBWLS28RA

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

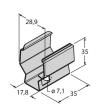
3015764



3088063

SMBWLS28SP

Snap bracket for mounting WLS28 work lights





## Accessories

Dimension drawing	Туре	ID	
M12 x 1 ø 15	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 26.5 32 	WKC4.4T-2/TEL	6625025	Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval