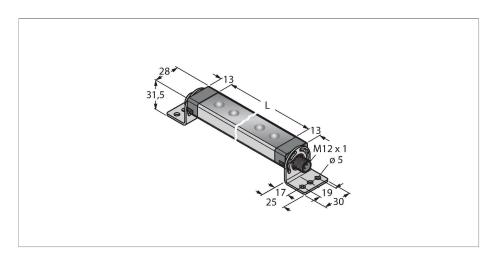


WLS28-2CW285SQ Work Light – Linear Light



Technical data

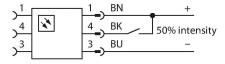
Туре	WLS28-2CW285SQ		
ID	3087891		
Signal and display data			
Purpose	LED work light		
Function	Linear light		
Light type	White		
Color temperature	6100+7000 K		
Luminous flux lumen	650 lm		
Aperture angle degree	60 °		
Beam angle	wide beam 40-80°		
LED service life (L70)	50000 h		
Dimmable	Two-stage		
Features of color 1	White, Permanently on, 800 Im		
Special features	Wash down		
Electrical data			
Operating voltage	1230 VDC		
DC rated operational current	≤ 660 mA		
Input power	7.92 W		
Mechanical data			
Cascadable	Yes		
Design	Rectangular, WLS28-2		
Dimensions	334 x 28 x 20.9 mm		
Housing material	Metal, AL		
Window material	Polycarbonate, clear		
Electrical connection	Connector, M12 × 1, PVC		
Number of cores	4		

Features

- Cascadable
- Light beam: 285mm
- Operating voltage: 12...30 VDC
- Protection class: IP67 / IP69K
- Color: White
- ■M12 x 1 male, straight, 4-pin
- ■SMBWLS28RA mounting bracket included

in delivery

Wiring diagram



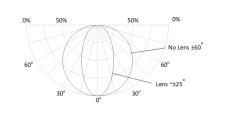
Functional principle

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:

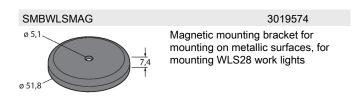
Cascading with 12 V supply allows total light length of 1.4 m. Cascading with 24 V supply allows total light length of 3.0 m. Cascading with 30 V supply allows total light length of 3.1 m

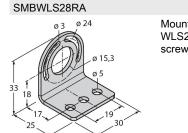
At 50% light intensity, the length specifications should be doubled.



Ambient temperature	-40+70 °C
Storage temperature	-40+70 °C
Relative humidity	090 %
Protection class	IP65 IP67 IP69
Tests/approvals	
Approvals	CE, UL

Accessories





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

SMBWLS28SP 28,9 35 17,8 0 7,1 35

3088063 Snap bracket for mounting WLS28 work lights

Accessories

Dimension drawing	Tura	ID	
Dimension drawing	Туре	טו	
M12x1 e 15 1/2 14	RKC4.4T-2/TEL	6625013	Connection cable, female M12, straight, 4-pin, cable length: 2 m, sheath material: PVC, black; cULus approval; other cable lengths and qualities available, see www.turck.com
0 15 M12x 1 26.5 32	WKC4.4T-2/TEL	6625025	Connection cable, female M12, angled, 4-pin, cable length: 2 m, sheath material: PVC, black; cULus approval; other cable lengths and qualities available, see www.turck.com