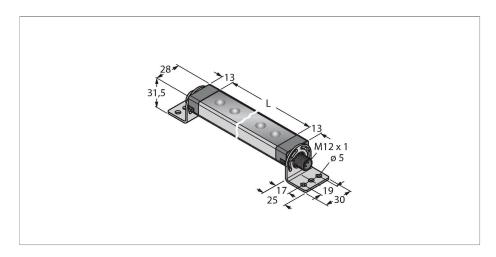


# WLS28-2CW570L25SQ Work Light – Linear Light



### Technical data

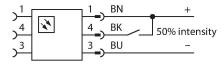
Туре	WLS28-2CW570L25SQ
ID	3087925
Signal and display data	
Purpose	LED work light
Function	Linear light
Light type	White
Color temperature	6100+7000 K
Luminous flux lumen	1300 lm
Aperture angle degree	25 °
Beam angle	25°
LED service life (L70)	50000 h
Dimmable	Two-stage
Features of color 1	White, Permanently on, 1200 lm
Special features	Wash down
Electrical data	
Operating voltage	1230 VDC
DC rated operational current	≤ 1360 mA
Input power	16.32 W
Mechanical data	
Cascadable	Yes
Design	Rectangular, WLS28-2
Dimensions	616 x 28 x 32.2 mm
Housing material	Metal, AL
Window material	Acrylic, clear
Electrical connection	Connector, M12 × 1, PVC
Number of cores	4

### **Features**

- Cascadable
- Light beam: 570mm
- Operating voltage: 12...30 VDC Protection class: IP67 / IP69K
- Color: White
- ■M12 x 1 male, straight, 4-pin
- ■Window with 25-degree lens
- SMBWLS28RA mounting bracket included

in delivery

### Wiring diagram



### Functional principle

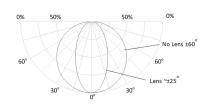
The low-energy LED work lights are ideally suited for industrial applications. The color temperature is between 6,000 and 7,100 Kelvin (cool white). Depending on the model, the luminous flux is 325 or 2600 lumen. Some work lights are switched on/off via supply power (10...30 VDC) and some types by means 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:

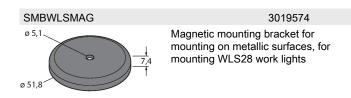
Cascading with 12 V supply allows total light length of 1.4 m. Cascading with 24 V supply allows total light length of 3.0 m. Cascading with 30 V supply allows total light length of 3.1 m.

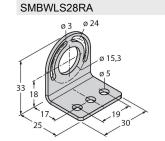
At 50% light intensity, the length specifications should be doubled.

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 17,8 Ø 7,1 35

3088063 Snap bracket for mounting WLS28 work lights

## Accessories

Dimension drawing	Type	ID	
M12x1 o 15 /5 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
015 	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