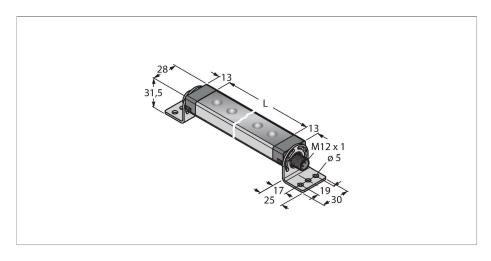


WLS28-2CW570SPWMQ Work Light - Linear Light



Technical data

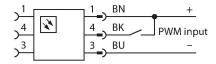
ID 3090488 Signal and display data LED work light Function Linear light Light type White Color temperature 6100+7000 K Luminous flux lumen 1300 lm Aperture angle degree 60 ° Beam angle wide beam 40-80° LED service life (L70) 50000 h Dimmable PWM Features of color 1 White, Permanently on, 1600 lm Special features Wash down Electrical data Operating voltage DC rated operational current ≤ 1360 mA Input power 16.32 W Mechanical data Yes Design Rectangular, WLS28-2 Dimensions 616 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 x 1, PVC Number of cores 4	Туре	WLS28-2CW570SPWMQ		
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LED service life (L70) Dimmable PWM Features of color 1 Special features Wash down Electrical data Operating voltage DC rated operational current Input power Mechanical data Cascadable Design Rectangular, WLS28-2 Dimensions 616 x 28 x 20.9 mm Housing material Window material Electrical connection 50000 h White, Permanently on, 1600 lm Wash down 1230 VDC ≥ 1360 mA 16.32 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 616 x 28 x 20.9 mm Housing material Polycarbonate, clear Electrical connection Connector, M12 × 1, PVC	Aperture angle degree	60 °		
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Window material Polycarbonate, clear Electrical connection Connector, M12 × 1, PVC	Electrical data Operating voltage DC rated operational current Input power Mechanical data Cascadable	1230 VDC ≤ 1360 mA 16.32 W		
Electrical connection Connector, M12 × 1, PVC	Electrical data Operating voltage DC rated operational current Input power Mechanical data Cascadable Design	1230 VDC ≤ 1360 mA 16.32 W Yes Rectangular, WLS28-2		
	Electrical data Operating voltage DC rated operational current Input power Mechanical data Cascadable Design Dimensions	1230 VDC ≤ 1360 mA 16.32 W Yes Rectangular, WLS28-2 616 x 28 x 20.9 mm		
Number of cores 4	Electrical data Operating voltage DC rated operational current Input power Mechanical data Cascadable Design Dimensions Housing material	1230 VDC ≤ 1360 mA 16.32 W Yes Rectangular, WLS28-2 616 x 28 x 20.9 mm Metal, AL		
	Electrical data Operating voltage DC rated operational current Input power Mechanical data Cascadable Design Dimensions Housing material Window material	1230 VDC ≤ 1360 mA 16.32 W Yes Rectangular, WLS28-2 616 x 28 x 20.9 mm Metal, AL Polycarbonate, clear		

Features

- Cascadable
- Light beam: 570mm
- Operating voltage: 12...30 VDC
- Protection class: IP67 / IP69K
- Color: White
- ■M12 x 1 male, straight, 4-pin
- Dimmable via PWM input
- ■SMBWLS28RA mounting bracket included

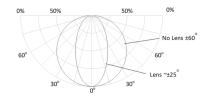
in delivery

Wiring diagram



Functional principle

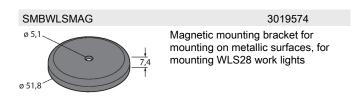
The energy-efficient LED work lights are ideally suited for industrial applications. The color temperature is between 6,000 and 7,100 Kelvin (cool white). Depending on the model, the luminous flux is 325 or 2600 lumen. Some work lights are switched on/off via supply power (10...30 VDC) and some types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

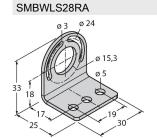


Ambient temperature

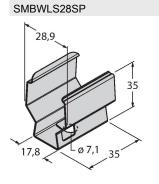
Storage temperature	-40+70 °C	
Relative humidity	090 %	
Protection class	IP65 IP67 IP69	
Tests/approvals		
Approvals	CE, UL	

-40...+70 °C





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



3088063 Snap bracket for mounting WLS28 work lights

Accessories

Dimension drawing	Type	ID	
M12x1 o 15 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