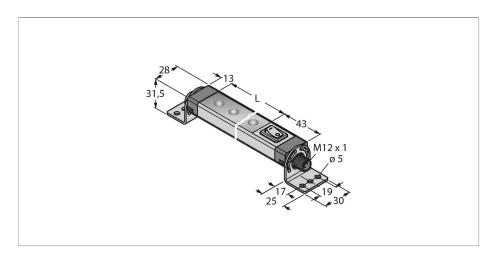


WLS28-2XW1130XPBQ Work Light – Linear Light



Technical data

ID	2000004		
	3088001		
Signal and display data			
Purpose	LED work light		
Function	Linear light		
Light type	White		
Color temperature	6100+7000 K		
Luminous flux lumen	2600 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, 3200 Im		
Electrical data			
Operating voltage	1230 VDC		
DC rated operational current	≤ 3040 mA		
Input power	36.48 W		
Mechanical data			
Cascadable	No		
Design	Rectangular, WLS28-2		
Dimensions	1203 x 28 x 21 mm		
Housing material	Metal, AL		
Window material	Polycarbonate, clear		
Electrical connection	Connector, M12 × 1, PVC		
Number of cores	4		
Ambient temperature	-40+70 °C		

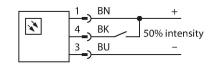


Features

- ■ON/OFF switch
- ■Light beam: 1130 mm
- ■Operating voltage: 12...30 VDC
- Protection class: IP50
- 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°

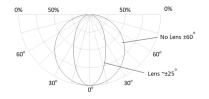
Application note:

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.

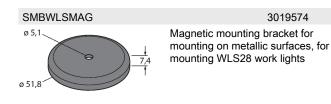
Technical data

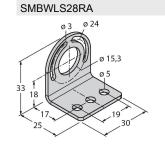
Storage temperature	-40+70 °C
Relative humidity	090 %
Protection class	IP50
Tests/approvals	
Approvals	CE, UL

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



Accessories





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

3015764

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

3088063 Snap bracket for mounting WLS28 work lights

Accessories

	_		
Dimension drawing	Type	ID	
M12 x 1 e 15	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 14	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