

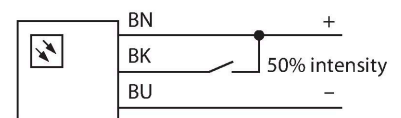
WLS28-2CW1130XPB

Work Light – Linear Light

Features

- ON/OFF switch
- Cascadable
- Light beam: 1130 mm
- Operating voltage: 12...30 VDC
- Protection class: IP50
- Color: White
- Cable, PVC, 2 m
- SMBWLS28RA mounting bracket included in delivery

Wiring diagram



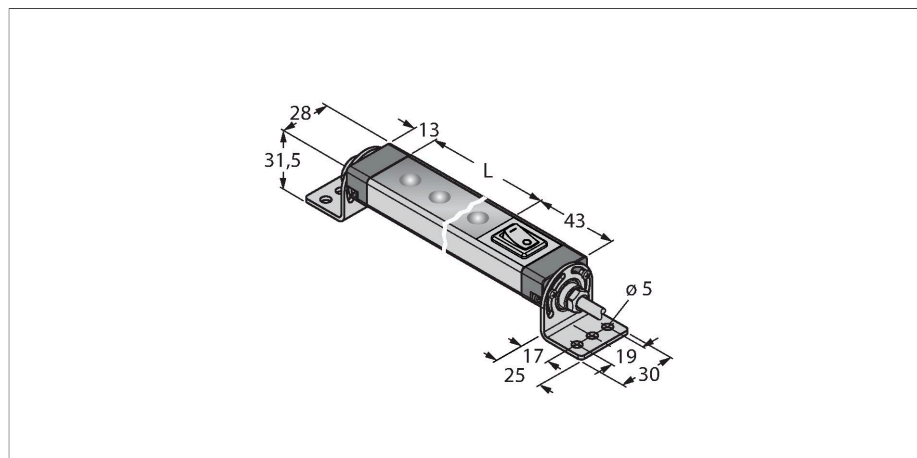
Functional principle

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.

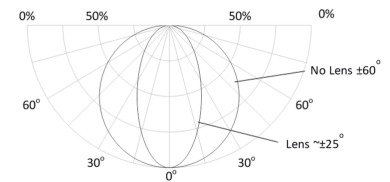


Technical data

Type	WLS28-2CW1130XPB
ID	3087761
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 lm
Electrical data	
Operating voltage	12...30 VDC
DC rated operational current	≤ 3040 mA
Input power	36.48 W
Mechanical data	
Cascadable	Yes
Design	Rectangular, WLS28-2
Dimensions	1211 x 28 x 21 mm
Housing material	Metal, AL
Window material	Polycarbonate, clear
Electrical connection	Cable, 2 m, PVC
Number of cores	3
Ambient temperature	-40...+70 °C

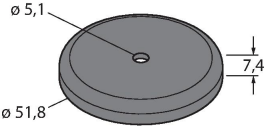
Technical data

Storage temperature	-40...+70 °C
Relative humidity	0...90 %
Protection class	IP50
Tests/approvals	
Approvals	CE, UL



Accessories

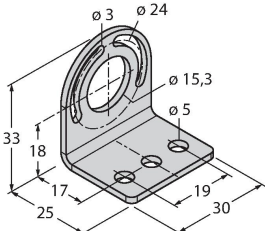
SMBWLSMAG 3019574



Magnetic mounting bracket for mounting on metallic surfaces, for mounting WLS28 work lights

Technical drawing of the magnetic mounting bracket showing dimensions: a central hole with diameter $\varnothing 5,1$ and an outer diameter of $\varnothing 51,8$. The bracket has a thickness of 7,4 mm.

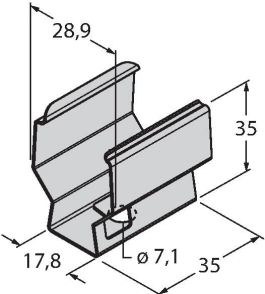
SMBWLS28RA 3015764



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

Technical drawing of the angled metal mounting bracket showing dimensions: a top hole with diameter $\varnothing 3$ and a mounting hole with diameter $\varnothing 24$. The bracket has a height of 33 mm, a base width of 25 mm, and a mounting hole diameter of $\varnothing 15,3$. There are also two 5 mm diameter holes on the base. The base length is 30 mm and the mounting hole offset is 19 mm.

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Snap bracket for mounting WLS28 work lights

Technical drawing of the snap bracket showing dimensions: a top width of 28,9 mm, a base width of 17,8 mm, and a height of 35 mm. The bracket has a central hole with diameter $\varnothing 7,1$.