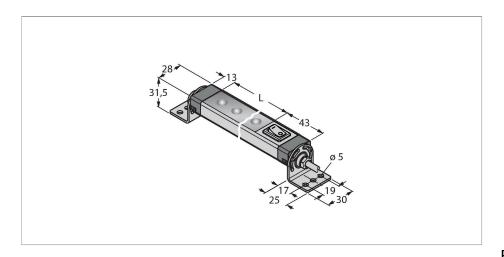


# WLS28-2XW990XPB Work Light – Linear Light



#### Technical data

ID 3087952  Signal and display data Purpose LED work light  Function Linear light  Light type White  Color temperature 6100+7000 K  Luminous flux lumen 2275 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, 2800 lm  Electrical data  Operating voltage 1230 VDC  DC rated operational current ≤ 2590 mA  Input power 31.08 W  Mechanical data  Cascadable No  Design Rectangular, WLS28-2  Dimensions 1062 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	Туре	WLS28-2XW990XPB
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Dimmable       Two-stage         Features of color 1       White, Permanently on, 2800 lm         Electrical data       1230 VDC         DC rated operational current       ≤ 2590 mA         Input power       31.08 W         Mechanical data       No         Design       Rectangular, WLS28-2         Dimensions       1062 x 28 x 21 mm         Housing material       Metal, AL         Window material       Polycarbonate, clear         Electrical connection       Cable, 2 m, PVC         Number of cores       3	Beam angle	wide beam 40-80°
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Electrical connection Cable, 2 m, PVC  Number of cores 3	Housing material	Metal, AL
Number of cores 3	Window material	Polycarbonate, clear
	Electrical connection	Cable, 2 m, PVC
Ambient temperature -40+70 °C	Number of cores	3
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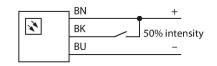


#### Features

- ■ON/OFF switch
- Light beam: 990 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:

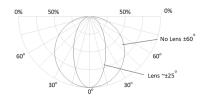
Cascading with 12 V supply allows total light length of 1.4 m. Cascading with 24 V supply allows total light length of 3.0 m. Cascading with 30 V supply allows total light length of 3.1 m.



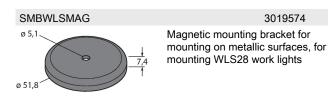
# Technical data

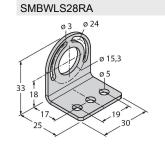
Storage temperature	-40+70 °C
Relative humidity	090 %
Protection class	IP50
Tests/approvals	
Approvals	CE, UL

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

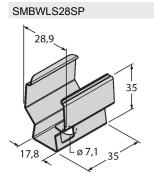


#### Accessories





3015764 Mounting bracket, angled, metal, for WLS28 work lights, 5 mm drill holes, screw set included



3088063 Snap bracket for mounting WLS28 work lights