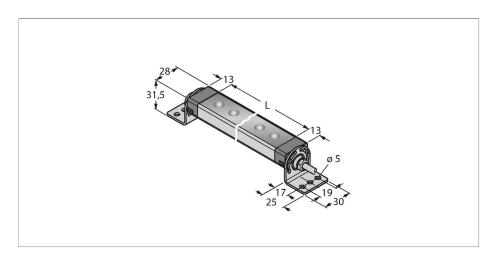


WLS28-2CW1130DX Work Light – Linear Light



Technical data

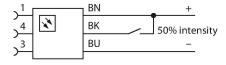
ID 3087769 Signal and display data LED work light Purpose LED work light Function Linear light Light type White Color temperature 6100+7000 K Luminous flux lumen 2600 lm Aperture angle degree 60 ° Beam angle wide beam 40-80° LED service life (L70) 50000 h Dimmable Two-stage Features of color 1 White, Permanently on, 2400 lm Electrical data Uperating voltage DC rated operational current ≤ 3040 mA Input power 36.48 W Mechanical data Yes Design Rectangular, WLS28-2 Dimensions 1181 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 Ambient temperature -40+70 °C	Туре	WLS28-2CW1130DX
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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, 2400 lm Electrical data Operating voltage 1230 VDC DC rated operational current ≤ 3040 mA Input power 36.48 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 1181 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3	Color temperature	6100+7000 K
Beam angle wide beam 40-80° LED service life (L70) 50000 h Dimmable Two-stage Features of color 1 White, Permanently on, 2400 lm Electrical data Operating voltage 1230 VDC DC rated operational current ≤ 3040 mA Input power 36.48 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 1181 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3	Luminous flux lumen	2600 lm
LED service life (L70) Dimmable Two-stage Features of color 1 White, Permanently on, 2400 Im Electrical data Operating voltage DC rated operational current Input power 36.48 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 1181 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores	Aperture angle degree	60 °
DimmableTwo-stageFeatures of color 1White, Permanently on, 2400 ImElectrical data1230 VDCOperating voltage1230 VDCDC rated operational current≤ 3040 mAInput power36.48 WMechanical dataYesDesignRectangular, WLS28-2Dimensions1181 x 28 x 21 mmHousing materialMetal, ALWindow materialPolycarbonate, diffuseElectrical connectionCable, 2 m, PVCNumber of cores3	Beam angle	wide beam 40-80°
Features of color 1 White, Permanently on, 2400 Im Electrical data Operating voltage 1230 VDC DC rated operational current ≤ 3040 mA Input power 36.48 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 1181 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3	LED service life (L70)	50000 h
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Operating voltage1230 VDCDC rated operational current≤ 3040 mAInput power36.48 WMechanical dataYesDesignRectangular, WLS28-2Dimensions1181 x 28 x 21 mmHousing materialMetal, ALWindow materialPolycarbonate, diffuseElectrical connectionCable, 2 m, PVCNumber of cores3	Features of color 1	White, Permanently on, 2400 Im
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Input power 36.48 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 1181 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3	Operating voltage	1230 VDC
Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 1181 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3	DC rated operational current	≤ 3040 mA
Cascadable Yes Design Rectangular, WLS28-2 Dimensions 1181 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3	Input power	36.48 W
Design Rectangular, WLS28-2 Dimensions 1181 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3	Mechanical data	
Dimensions 1181 x 28 x 21 mm Housing material Window material Electrical connection Cable, 2 m, PVC Number of cores 3	Cascadable	Yes
Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3	Design	Rectangular, WLS28-2
Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3	Dimensions	1181 x 28 x 21 mm
Electrical connection Cable, 2 m, PVC Number of cores 3	Housing material	Metal, AL
Number of cores 3	Window material	Polycarbonate, diffuse
	Electrical connection	Cable, 2 m, PVC
Ambient temperature -40+70 °C	Number of cores	3
	Ambient temperature	-40+70 °C

Features

- Cascadable
- Light beam: 1130mm
- Operating voltage: 12...30 VDC
- ■Protection class: IP50
- Color: White
- Cable, PVC, 2 m
- ■SMBWLS28RA mounting bracket included

in delivery

Wiring diagram



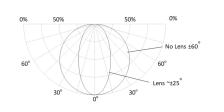
Functional principle

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.



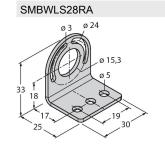


Technical data

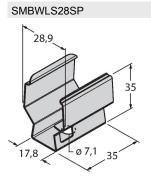
Storage temperature	-40+70 °C
Relative humidity	090 %
Protection class	IP50
Tests/approvals	
Approvals	CE, UL

Accessories

SMBWLSMAG	3019574
ø 5,1 ø 51,8	Magnetic mounting bracket for mounting on metallic surfaces, for mounting WLS28 work lights



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



3088063 Snap bracket for mounting WLS28 work lights