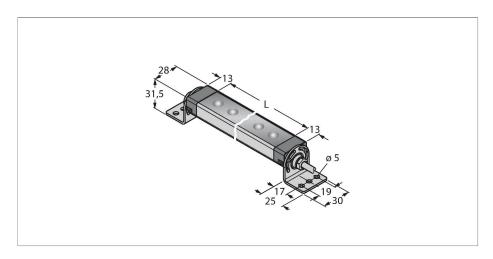


WLS28-2CW430DX Work Light – Linear Light



Technical data

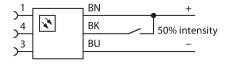
| ID 3087764 Signal and display data Purpose LED work light Function Linear light Light type White Color temperature 6100+7000 K Luminous flux lumen 975 lm Aperture angle degree 60 ° Beam angle wide beam 40-80° LED service life (L70) 50000 h Dimmable Two-stage Features of color 1 White, Permanently on, 900 lm Electrical data Operating voltage 1230 VDC DC rated operational current ≤ 1010 mA Input power 12.12 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 473.5 x 28 x 20.9 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 | WLS28-2CW430DX |
|---|------------------------------|-------------------------------|
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| Luminous flux lumen 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, 900 Im Electrical data Operating voltage 1230 VDC DC rated operational current Input power 12.12 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 473.5 x 28 x 20.9 mm Housing material Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores | Light type | White |
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| Beam angle wide beam 40-80° LED service life (L70) 50000 h Dimmable Two-stage Features of color 1 White, Permanently on, 900 Im Electrical data Operating voltage 1230 VDC DC rated operational current ≤ 1010 mA Input power 12.12 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 473.5 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 | Luminous flux lumen | 975 lm |
| LED service life (L70) Dimmable Two-stage Features of color 1 Electrical data Operating voltage DC rated operational current Input power Mechanical data Cascadable Design Rectangular, WLS28-2 Dimensions Housing material Metal, AL Window material Electrical connection Vhite, Permanently on, 900 Im Electrical on, 900 Im Metal, AL Vindow material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores | Aperture angle degree | 60 ° |
| Dimmable Two-stage Features of color 1 White, Permanently on, 900 Im Electrical data 1230 VDC DC rated operational current ≤ 1010 mA Input power 12.12 W Mechanical data Yes Design Rectangular, WLS28-2 Dimensions 473.5 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 | Beam angle | wide beam 40-80° |
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| Electrical dataOperating voltage1230 VDCDC rated operational current≤ 1010 mAInput power12.12 WMechanical dataYesDesignRectangular, WLS28-2Dimensions473.5 x 28 x 20.9 mmHousing materialMetal, ALWindow materialPolycarbonate, diffuseElectrical connectionCable, 2 m, PVCNumber of cores3 | Dimmable | Two-stage |
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| Input power 12.12 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 473.5 x 28 x 20.9 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 473.5 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 | DC rated operational current | ≤ 1010 mA |
| Cascadable Yes Design Rectangular, WLS28-2 Dimensions 473.5 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 | Input power | 12.12 W |
| Design Rectangular, WLS28-2 Dimensions 473.5 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 | Mechanical data | |
| Dimensions 473.5 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse 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 | 473.5 x 28 x 20.9 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: 430mm
- Operating voltage: 12...30 VDC
- ■Protection class: IP50
- Color: White
- ■Cable, PVC, 2 m
- ■SMBWLS28RA mounting bracket included

in delivery

Wiring diagram



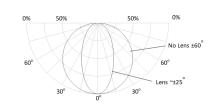
Functional principle

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.



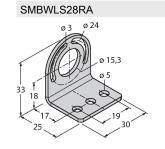


Technical data

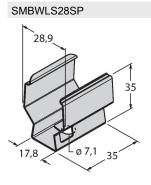
| Storage temperature | -40+70 °C |
|---------------------|-----------|
| Relative humidity | 090 % |
| Protection class | IP50 |
| Tests/approvals | |
| Approvals | CE, UL |

Accessories

| SMBWLSMAG | 3019574 |
|-----------------|--|
| Ø 5,1 Ø 51,8 | Magnetic mounting bracket for mounting on metallic surfaces, fo 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