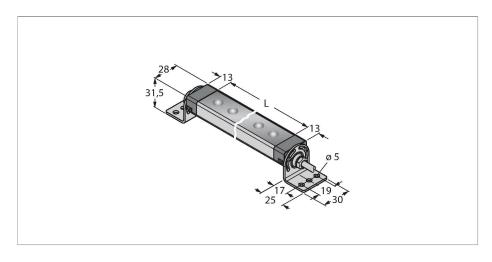


WLS28-2CW430DS Work Light – Linear Light



Technical data

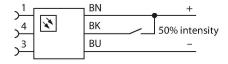
Signal and display data Purpose LED work light Function Linear light Light type White Color temperature 6100+7000 K Luminous flux lumen Aperture angle degree 60 ° Beam angle wide beam 40-80° LED service life (L70) 50000 h Dimmable Two-stage Features of color 1 White, Permanently on, 900 lm Special features Wash down Electrical data Operating voltage 1230 VDC DC rated operational current Input power 12.12 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions Housing material Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3 Ambient temperature 240. +70 °C	Type	WLS28-2CW430DS		
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 Special features Wash down 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 472.5 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3	ID	3087860		
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 Special features Wash down Electrical data Operating voltage Operating voltage 1230 VDC DC rated operational current ≤ 1010 mA Input power 12.12 W Mechanical data Yes Design Rectangular, WLS28-2 Dimensions 472.5 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3	Signal and display data			
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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 lm Special features Wash down 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 472.5 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 White, Permanently on, 900 Im Special features Wash down Electrical data Operating voltage 1230 VDC DC rated operational current Input power 12.12 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 472.5 x 28 x 20.9 mm Housing material Window 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 Special features Wash down Electrical data Operating voltage DC rated operational current ≤ 1010 mA Input power 12.12 W Mechanical data Yes Design Rectangular, WLS28-2 Dimensions 472.5 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°		
Features of color 1 White, Permanently on, 900 Im Special features Wash down 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 472.5 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3	LED service life (L70)	50000 h		
Special featuresWash downElectrical data1230 VDCDC rated operational current≤ 1010 mAInput power12.12 WMechanical dataYesDesignRectangular, WLS28-2Dimensions472.5 x 28 x 20.9 mmHousing materialMetal, ALWindow materialPolycarbonate, diffuseElectrical connectionCable, 2 m, PVCNumber of cores3	Dimmable	Two-stage		
Electrical dataOperating voltage1230 VDCDC rated operational current≤ 1010 mAInput power12.12 WMechanical dataYesDesignRectangular, WLS28-2Dimensions472.5 x 28 x 20.9 mmHousing materialMetal, ALWindow materialPolycarbonate, diffuseElectrical connectionCable, 2 m, PVCNumber of cores3	Features of color 1	White, Permanently on, 900 Im		
Operating voltage 1230 VDC DC rated operational current ≤ 1010 mA Input power 12.12 W Mechanical data Yes Design Rectangular, WLS28-2 Dimensions 472.5 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3	Special features	Wash down		
DC rated operational current ≤ 1010 mA Input power 12.12 W Mechanical data Yes Design Rectangular, WLS28-2 Dimensions 472.5 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Cable, 2 m, PVC Number of cores 3	Electrical data			
Input power 12.12 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 472.5 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 472.5 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 Pesign Rectangular, WLS28-2 Dimensions 472.5 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 472.5 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 472.5 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	472.5 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 4070 G	Ambient temperature	-40+70 °C		

Features

- Cascadable
- Light beam: 430mm
- Operating voltage: 12...30 VDC
- Protection class: IP67 / IP69K
- Color: White ■ Cable, PVC, 2 m
- ■SMBWLS28RA mounting bracket included

in delivery

Wiring diagram



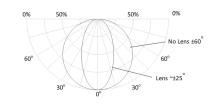
Functional principle

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	IP65 IP67 IP69
Tests/approvals	
Approvals	CE, UL

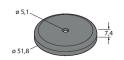
Light	Light Typical Current		Max. Current	
Length	12 VDC	24 VDC	30 VDC	Α
145 mm	0.33 A	0.15 A	0.12 A	0.4
285 mm	0.66 A	0.30 A	0.24 A	0.8
430 mm	1.01 A	0.46 A	0.36 A	1.2
570 mm	1.36 A	0.61 A	0.48 A	1.6
710 mm	1.75 A	0.77 A	0.60 A	2.0
850 mm	2.13 A	0.92 A	0.73 A	2.4
990 mm	2.59 A	1.08 A	0.85 A	2.8
1130 mm	3.04 A	1.24 A	0.97 A	3.2

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Accessories

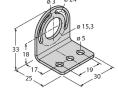
SMBWLSMAG 3019574

Magnetic fixture for mounting work lights and sensors, 2 pieces



SMBWLS28RA

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



SMBWLS28SP

3088063

Snap bracket for mounting WLS28 work lights

