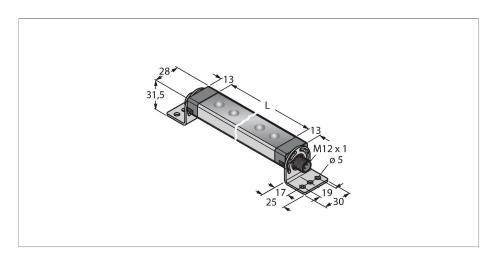


WLS28-2CUV395-1130SQ Work Light - Linear Light



Technical data

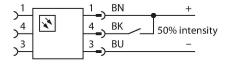
Signal and display data	Туре	WLS28-2CUV395-1130SQ		
Purpose LED work light Function Linear light Light type UV Wavelength 390400 nm Luminous flux lumen 2600 lm Aperture angle degree 60 ° Beam angle wide beam 40-80° LED service life (L70) 50000 h Dimmable Two-stage Features of color 1 UV, Permanently on Special features Wash down 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 1180 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 × 1, PVC Number of cores 4	ID	3096266		
Function Light type UV Wavelength 390400 nm 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 UV, Permanently on Special features Wash down Electrical data Operating voltage 1230 VDC DC rated operational current Input power 36.48 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 1180 x 28 x 21 mm Housing material Window material Polycarbonate, clear Electrical connection Connector, M12 × 1, PVC Number of cores 4	Signal and display data			
Light type UV Wavelength 390400 nm Luminous flux lumen Aperture angle degree Beam angle Wide beam 40-80° LED service life (L70) Dimmable Two-stage Features of color 1 UV, Permanently on Special features Wash down Electrical data Operating voltage 1230 VDC DC rated operational current Input power 36.48 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 1180 x 28 x 21 mm Housing material Window material Polycarbonate, clear Electrical connection Connector, M12 × 1, PVC Number of cores 4	Purpose	LED work light		
Wavelength 390400 nm 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 UV, Permanently on Special features Wash down 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 1180 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 × 1, PVC Number of cores 4	Function	Linear light		
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 UV, Permanently on Special features Wash down Electrical data Operating voltage DC rated operational current ≤ 3040 mA Input power 36.48 W Mechanical data Yes Design Rectangular, WLS28-2 Dimensions 1180 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 × 1, PVC Number of cores 4	Light type	UV		
Aperture angle degree 60 ° Beam angle wide beam 40-80° LED service life (L70) 50000 h Dimmable Two-stage Features of color 1 UV, Permanently on Special features Wash down 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 1180 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 x 1, PVC Number of cores 4	Wavelength	390400 nm		
Beam angle wide beam 40-80° LED service life (L70) 50000 h Dimmable Two-stage Features of color 1 UV, Permanently on Special features Wash down 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 1180 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 × 1, PVC Number of cores 4	Luminous flux lumen	2600 lm		
LED service life (L70) Dimmable Two-stage Features of color 1 UV, Permanently on Special features Wash down Electrical data Operating voltage DC rated operational current Input power 36.48 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 1180 x 28 x 21 mm Housing material Metal, AL Window material Electrical connection Connector, M12 × 1, PVC Number of cores 4	Aperture angle degree	60 °		
Dimmable Two-stage Features of color 1 UV, Permanently on Special features Wash down Electrical data Operating voltage DC rated operational current ≤ 3040 mA Input power 36.48 W Mechanical data Yes Design Rectangular, WLS28-2 Dimensions 1180 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 x 1, PVC Number of cores 4	Beam angle	wide beam 40-80°		
Features of color 1 Special features Wash down Electrical data Operating voltage DC rated operational current Input power Mechanical data Cascadable Design Rectangular, WLS28-2 Dimensions 1180 x 28 x 21 mm Housing material Window material Electrical connection Connector, M12 × 1, PVC Number of cores Vash down Wash down Wash down Wash down UV, Permanently on Wash down UV, Permanently on Wash down Electrical data 1230 VDC 5 3040 mA Input power 36.48 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 1180 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 × 1, PVC	LED service life (L70)	50000 h		
Special features Wash down Electrical data 1230 VDC DC rated operational current ≤ 3040 mA Input power 36.48 W Mechanical data Yes Cascadable Yes Design Rectangular, WLS28-2 Dimensions 1180 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 × 1, PVC Number of cores 4	Dimmable	Two-stage		
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 1180 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 × 1, PVC Number of cores 4	Features of color 1	UV, Permanently on		
Operating voltage 1230 VDC DC rated operational current ≤ 3040 mA Input power 36.48 W Mechanical data Yes Cascadable Yes Design Rectangular, WLS28-2 Dimensions 1180 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 x 1, PVC Number of cores 4	Special features	Wash down		
DC rated operational current ≤ 3040 mA Input power 36.48 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 1180 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 × 1, PVC Number of cores 4	Electrical data			
Input power 36.48 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 1180 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 x 1, PVC Number of cores 4	Operating voltage	1230 VDC		
Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 1180 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 × 1, PVC Number of cores 4	DC rated operational current	≤ 3040 mA		
Cascadable Yes Design Rectangular, WLS28-2 Dimensions 1180 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 x 1, PVC Number of cores 4	Input power	36.48 W		
Design Rectangular, WLS28-2 Dimensions 1180 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 x 1, PVC Number of cores 4	Mechanical data			
Dimensions 1180 x 28 x 21 mm Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 × 1, PVC Number of cores 4	Cascadable	Yes		
Housing material Metal, AL Window material Polycarbonate, clear Electrical connection Connector, M12 × 1, PVC Number of cores 4	Design	Rectangular, WLS28-2		
Window material Polycarbonate, clear Electrical connection Connector, M12 × 1, PVC Number of cores 4	Dimensions	1180 x 28 x 21 mm		
Electrical connection Connector, M12 × 1, PVC Number of cores 4	Housing material	Metal, AL		
Number of cores 4	Window material	Polycarbonate, clear		
	Electrical connection	Connector, M12 × 1, PVC		
Ambient temperature -40+70 °C	Number of cores	4		
	Ambient temperature	-40+70 °C		

Features

- Cascadable
- Light beam: 1130mm
- Operating voltage: 12...30 VDC ■ Protection class: IP67 / IP69K
- Color: ultraviolet
- ■M12 x 1 male, straight, 4-pin
- ■SMBWLS28RA mounting bracket included

in delivery

Wiring diagram



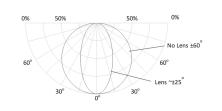
Functional principle

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

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



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Technical data

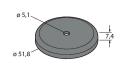
Storage temperature	-40+70 °C	
Relative humidity	090 %	
Protection class	IP65 IP67 IP69	
Tests/approvals		
Approvals	CE, UL	

Light Typical Current			ent	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

Accessories

SMBWLSMAG 3019574

Magnetic fixture for mounting work lights and sensors, 2 pieces



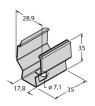
0 3 0 24 0 15,3 0 5

SMBWLS28RA

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

SMBWLS28SP 3088063

Snap bracket for mounting WLS28 work lights



Accessories

Dimension drawing	Туре	ID	
M12x1 e15 5 14 11.5 + 42 - 50 - 50 - 50 - 50 - 50 - 50 - 50 - 5	RKC4.4T-2/TEL	6625013	Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval
0 15 M12 x 1 26.5 20.5	WKC4.4T-2/TEL	6625025	Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval