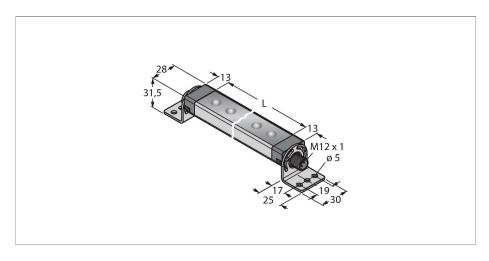


WLS28-2CWR2-145DSQ Work Light - Linear Light



Technical data

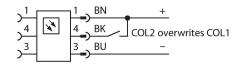
ID 3802892 Signal and display data LED work light Purpose LED work light Function Linear light Light type White/Red Luminous flux lumen 325 lm Aperture angle degree 60 ° Beam angle wide beam 40-80° LED service life (L70) 50000 h Dimmable Yes Features of color 1 White, Permanently on, 100 %, 180 lm Features of color 2 Red, Permanently on, 50 %, 40 lm Special features Wash down Electrical data Uportaing voltage 1230 VDC DC rated operational current ≤ 330 mA 396 W Mechanical data Ves Cascadable Yes Posign Rectangular, WLS28-2 Dimensions 193 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Connector, M12 x 1, PVC Number of cores 4 Ambient temperature -40+70 °C	Туре	WLS28-2CWR2-145DSQ
Purpose LED work light Function Linear light Light type White/Red Luminous flux lumen 325 lm Aperture angle degree 60 ° Beam angle wide beam 40-80° LED service life (L70) 50000 h Dimmable Yes Features of color 1 White, Permanently on, 100 %, 180 lm Features of color 2 Red, Permanently on, 50 %, 40 lm Special features Wash down Electrical data Operating voltage 1230 VDC DC rated operational current ≤ 330 mA Input power 3.96 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 193 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4	ID	3802892
Function Light type White/Red Luminous flux lumen 325 lm Aperture angle degree 60 ° Beam angle wide beam 40-80° LED service life (L70) 50000 h Dimmable Yes Features of color 1 White, Permanently on, 100 %, 180 lm Features of color 2 Red, Permanently on, 50 %, 40 lm Special features Wash down Electrical data Operating voltage 1230 VDC DC rated operational current ≤ 330 mA Input power 3.96 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 193 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4	Signal and display data	
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Luminous flux lumen325 lmAperture angle degree60 °Beam anglewide beam 40-80°LED service life (L70)50000 hDimmableYesFeatures of color 1White, Permanently on, 100 %, 180 lmFeatures of color 2Red, Permanently on, 50 %, 40 lmSpecial featuresWash downElectrical dataUsandle of the color	Function	Linear light
Aperture angle degree 60 ° Beam angle wide beam 40-80° LED service life (L70) 50000 h Dimmable Yes Features of color 1 White, Permanently on, 100 %, 180 lm Features of color 2 Red, Permanently on, 50 %, 40 lm Special features Wash down Electrical data Operating voltage 1230 VDC DC rated operational current ≤ 330 mA Input power 3.96 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 193 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4	Light type	White/Red
Beam angle wide beam 40-80° LED service life (L70) 50000 h Dimmable Yes Features of color 1 White, Permanently on, 100 %, 180 lm Features of color 2 Red, Permanently on, 50 %, 40 lm Special features Wash down Electrical data Operating voltage 1230 VDC DC rated operational current ≤ 330 mA Input power 3.96 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 193 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4	Luminous flux lumen	325 lm
LED service life (L70) Dimmable Yes Features of color 1 White, Permanently on, 100 %, 180 Im Features of color 2 Red, Permanently on, 50 %, 40 Im Special features Wash down Electrical data Operating voltage 1230 VDC DC rated operational current ≤ 330 mA Input power 3.96 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 193 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores	Aperture angle degree	60 °
DimmableYesFeatures of color 1White, Permanently on, 100 %, 180 ImFeatures of color 2Red, Permanently on, 50 %, 40 ImSpecial featuresWash downElectrical dataUserating voltageOperating voltage1230 VDCDC rated operational current≤ 330 mAInput power3.96 WMechanical dataYesDesignRectangular, WLS28-2Dimensions193 x 28 x 20.9 mmHousing materialMetal, ALWindow materialPolycarbonate, diffuseElectrical connectionConnector, M12 x 1, PVCNumber of cores4	Beam angle	wide beam 40-80°
Features of color 1 White, Permanently on, 100 %, 180 Im Features of color 2 Red, Permanently on, 50 %, 40 Im Special features Wash down Electrical data Operating voltage 1230 VDC DC rated operational current ≤ 330 mA Input power 3.96 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 193 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4	LED service life (L70)	50000 h
Features of color 2Red, Permanently on, 50 %, 40 ImSpecial featuresWash downElectrical data30 VDCOperating voltage1230 VDCDC rated operational current≤ 330 mAInput power3.96 WMechanical dataYesDesignRectangular, WLS28-2Dimensions193 x 28 x 20.9 mmHousing materialMetal, ALWindow materialPolycarbonate, diffuseElectrical connectionConnector, M12 x 1, PVCNumber of cores4	Dimmable	Yes
Special featuresWash downElectrical data1230 VDCOperating voltage1230 MADC rated operational current≤ 330 mAInput power3.96 WMechanical dataYesCascadableYesDesignRectangular, WLS28-2Dimensions193 x 28 x 20.9 mmHousing materialMetal, ALWindow materialPolycarbonate, diffuseElectrical connectionConnector, M12 x 1, PVCNumber of cores4	Features of color 1	White, Permanently on, 100 %, 180 lm
Electrical dataOperating voltage1230 VDCDC rated operational current≤ 330 mAInput power3.96 WMechanical dataYesDesignRectangular, WLS28-2Dimensions193 x 28 x 20.9 mmHousing materialMetal, ALWindow materialPolycarbonate, diffuseElectrical connectionConnector, M12 x 1, PVCNumber of cores4	Features of color 2	Red, Permanently on, 50 %, 40 lm
Operating voltage1230 VDCDC rated operational current≤ 330 mAInput power3.96 WMechanical dataYesDesignRectangular, WLS28-2Dimensions193 x 28 x 20.9 mmHousing materialMetal, ALWindow materialPolycarbonate, diffuseElectrical connectionConnector, M12 x 1, PVCNumber of cores4	Special features	Wash down
DC rated operational current ≤ 330 mA Input power 3.96 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 193 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4	Electrical data	
Input power 3.96 W Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 193 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4	Operating voltage	1230 VDC
Mechanical data Cascadable Yes Design Rectangular, WLS28-2 Dimensions 193 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4	DC rated operational current	≤ 330 mA
Cascadable Yes Design Rectangular, WLS28-2 Dimensions 193 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4	Input power	3.96 W
Design Rectangular, WLS28-2 Dimensions 193 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4	Mechanical data	
Dimensions 193 x 28 x 20.9 mm Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4	Cascadable	Yes
Housing material Metal, AL Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4	Design	Rectangular, WLS28-2
Window material Polycarbonate, diffuse Electrical connection Connector, M12 × 1, PVC Number of cores 4	Dimensions	193 x 28 x 20.9 mm
Electrical connection Connector, M12 × 1, PVC Number of cores 4	Housing material	Metal, AL
Number of cores 4	Window material	Polycarbonate, diffuse
	Electrical connection	Connector, M12 × 1, PVC
Ambient temperature -40+70 °C	Number of cores	4
	Ambient temperature	-40+70 °C

Features

- Cascadable
- ■Light beam: 145mm
- Operating voltage: 12...30 VDC
- Protection class: IP67 / IP69K
- Color 1: Daylight white (100% light intensity)
- Color 2: red (50% light intensity)
- ■Two-color linear light
- ■M12 x 1 male, straight, 4-pin
- ■SMBWLS28RA mounting bracket included

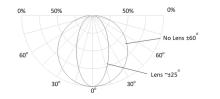
in delivery

Wiring diagram



Functional principle

The energy-efficient LED work lights are ideally suited for industrial applications. The color temperature is between 4,700 and 5,300 Kelvin (cool white). Depending on the model, the luminous flux is 475 or 1900 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 switched to second color by activating a high signal on PIN 4, or for the variants with a switch by means of a further switch position. This additional color can be selected with either 100, 50 or 33% light intensity. Cascadable variants are also available. Variants with a clear or diffuse plastic windows, as well as with an aperture angle of 25°.



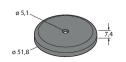
Technical data

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

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

Accessories

SMBWLSMAG 3019574 Magnetic fixture for mounting work lights and sensors, 2 pieces



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	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 32	WKC4.4T-2/TEL	6625025	Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval