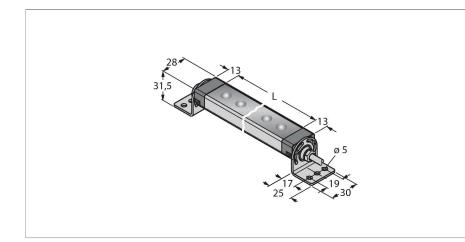


WLS28-2CW285DX Work Light – Linear Light



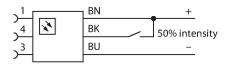
Technical data

Туре	WLS28-2CW285DX
ID	3087763
Signal and display data	
Purpose	LED work light
Function	Linear light
Light type	White
Color temperature	6100+7000 K
Luminous flux lumen	650 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, 600 Im
Electrical data	
Operating voltage	1230 VDC
DC rated operational current	≤ 660 mA
Input power	7.92 W
Mechanical data	
Cascadable	Yes
Design	Rectangular, WLS28-2
Dimensions	332.5 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
Storage temperature	-40+70 °C

Features

- Cascadable
- Light beam: 285mm
- Operating voltage: 12...30 VDC
- Protection class: IP50
- Color: White
- Cable, PVC, 2 m
 - SMBWLS28RA mounting bracket included in delivery

Wiring diagram



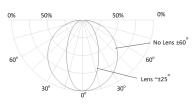
Functional principle

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

Relative humidity	090 %	1	Light	Typical Current			Max. Current
Protection class IF	IP50	L	Length	12 VDC	24 VDC	30 VDC	A
		1	45 mm	0.33 A	0.15 A	0.12 A	0.4
Tests/approvals		2	285 mm	0.66 A	0.30 A	0.24 A	0.8
10010/40001010		4	30 mm	1.01 A	0.46 A	0.36 A	1.2
Approvals	CE. UL	5	570 mm	1.36 A	0.61 A	0.48 A	1.6
	32, 32	7	'10 mm	1.75 A	0.77 A	0.60 A	2.0
		8	350 mm	2.13 A	0.92 A	0.73 A	2.4
		9	90 mm	2.59 A	1.08 A	0.85 A	2.8
		11	30 mm	3.04 A	1.24 A	0.97 A	3.2

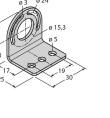
Accessories

SMBWLSMAG	3019574	SMBWLS28RA
	Magnetic fixture for mounting work lights and sensors, 2 pieces	
		03 024
0 51,8 0 51,8		0 15,3 0,5 18 17 25 19 19 30

3088063

SMBWLS28SP

Snap bracket for mounting WLS28 work lights



3015764

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