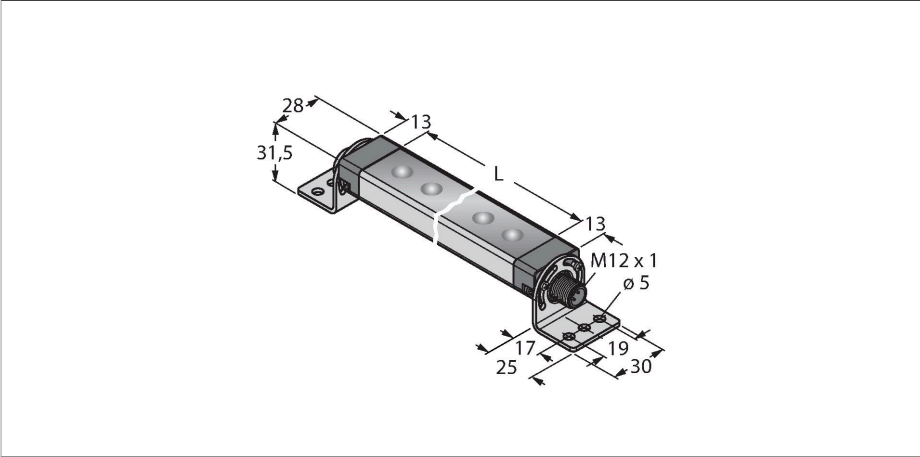


WLS28PXRGBW1130L25XKQ

LED Linear Light – In the Metal Housing



Technical data

Type	WLS28PXRGBW1130L25XKQ
ID	3814695
Signal and display data	
Purpose	LED work light
Function	Linear light
Light type	RGB
Aperture angle degree	25 °
Beam angle	medium beam 20-40°
LED service life (L70)	50000 h
Dimmable	IO-Link controlled
Features of color 1	RGBW
Electrical data	
Operating voltage U_b	18...30 VDC
DC rated operating current I_e	≤ 1440 mA
Max. current consumption per color	2200 mA
Input power	34.56 W
Communication protocol	IO-Link
Response time typical	< 45 ms
IO-Link	
IO-Link specification	V 1.1
Communication mode	COM 2 (38.4 kBaud)
Process data width	16 bit
Frame type	Type_2_2
Function pin 4	IO-Link
Maximum cable length	20 m

Features

- Light length L: 1132 mm
- Operating voltage: 18...30 VDC
- Protection class IP50
- M12 × 1 male connector, straight, 4-pin
- Ambient temperature: -40...+50 °C
- RGB LEDs
- Multicolor linear light
- Parameterizable via IO-Link
- SMBWLS28RA mounting bracket included in delivery

Wiring diagram



Functional principle

These lights have RGB LEDs. The IO-Link interface provides full access to the settings for controlling individual LEDs, color, flashing, intensity and animation. The lights are equipped with 6 different white color temperatures and 13 light colors from the RGB color space. It is also possible to create user-defined light colors.

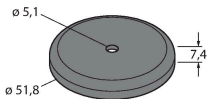
Technical data

Mechanical data	
Cascadable	No
Design	Rectangular, WLS28-2
Dimensions	1197.5 x 28 x 21 mm
Housing material	Metal, AL
Window material	Acrylic, clear
Electrical connection	Connector, M12 × 1
Number of cores	4
Ambient temperature	-40...+50 °C
Storage temperature	-40...+70 °C
Relative humidity	0...90 %
Protection class	IP50
Tests/approvals	
Approvals	CE, UL

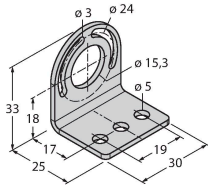
Light Length	Typical Current			Maximum Current A
	18 VDC	25 VDC	30 VDC	
145 mm	0.240	0.180	0.150	0.275
285 mm	0.480	0.360	0.300	0.550
430 mm	0.720	0.540	0.450	0.825
570 mm	0.960	0.720	0.600	1.100
850 mm	1.440	1.080	0.900	1.650
1130 mm	1.920	1.440	1.200	2.200

Accessories

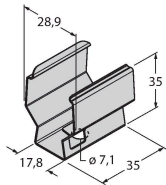
SMBWLSMAG	3019574
Magnetic fixture for mounting work lights and sensors, 2 pieces	



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	



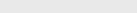
Accessories

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

Dimension drawing	Type	ID	
	RKC4.4T-2/TEL	6625013	Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval



Accessories

Dimension drawing	Type	ID	
	TBEN-S2-4IOL	6814024	Compact multiprotocol I/O module, 4 IO-Link Master 1.1 Class A, 4 universal PNP digital channels 0.5 A
	TBEN-L4-8IOL	6814082	Compact multiprotocol I/O module, 4 IO-Link Master 1.1 Class A, 4 universal PNP digital channels 0.5 A

