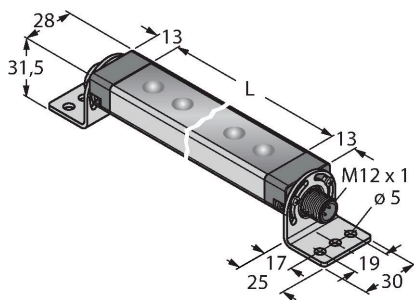


WLS28PXRGBW145XKQ

LED Linear Light – In the Metal Housing



Technical data

Type	WLS28PXRGBW145XKQ
ID	3810995
Signal and display data	
Purpose	LED work light
Function	Linear light
Light type	RGB
Luminous flux lumen	325 lm
Aperture angle degree	60 °
Beam angle	wide beam 40-80°
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 _o	≤ 330 mA
Input power	3.96 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 beam: 145mm
- Operating voltage: 12...30 VDC
- Protection class: IP50
- 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.

Light Length	Typical Current			Maximum Current
	18 VDC	25 VDC	30 VDC	A
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

Technical data

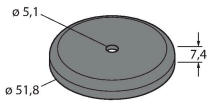
Mechanical data	
Cascadable	No
Design	Rectangular, WLS28-2
Dimensions	186 x 28 x 21 mm
Housing material	Metal, AL
Window material	Polycarbonate, clear
Electrical connection	Connector, M12 × 1
Number of cores	4
Ambient temperature	-40...+50 °C
Storage temperature	-40...+70 °C
Relative humidity	0...90 %
Protection class	IP50
Tests/approvals	
Approvals	CE, UL

Accessories

SMBWLSMAG

3019574

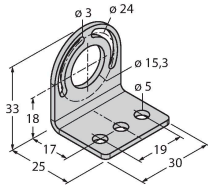
Magnetic fixture for mounting work lights and sensors, 2 pieces



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

