

LED Linear Light In the Metal Housing WLS28PXRGBW570L25XKQ



Type	WLS28PXRGBW570L25XKQ
ID	3811008

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_s	18...30 VDC
DC rated operating current I_s	≤ 1360 mA
Input power	16.32 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

- Light beam: 570mm
- 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

3 BU	-
1 BN	+
4 BK	IO-Link
2 WH	n.c.

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.

Mechanical data	
Cascadable	No
Design	Rectangular, WLS28-2
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

Accessories

Type code	Ident no.		Dimension drawing
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	