

LED Linear Light In the Metal Housing WLS28PXRGBW430XQ



Type	WLS28PXRGBW430XQ
ID	3810983

Signal and display data	
Purpose	LED work light
Function	Linear light
Light type	RGB
Luminous flux lumen	975 lm
Aperture angle degree	60 °
Beam angle	wide beam 40-80°
LED service life (L70)	50000 h
Dimmable	Programmable
Features of color 1	RGBW
Special features	I/O module-compatible

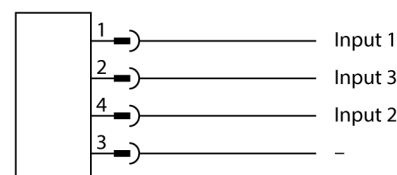
Electrical data	
Operating voltage U_s	18...30 VDC
DC rated operating current I_s	≤ 1010 mA
Input power	12.12 W
Communication protocol	BannerBus (Pro Editor compatible)
Response time typical	< 300 ms

Mechanical data	
Cascadable	No
Design	Rectangular, WLS28-2
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

- Light beam: 430mm
- Operating voltage: 12...30 VDC
- Protection class: IP50
- RGB LEDs
- Multicolor linear light
- Parameterization via Pro Editor software
- SMBWLS28RA mounting bracket included in delivery

Wiring Diagram



Functional principle

These lights have RGB LEDs. Three input signals enable one of seven predefined light colors or light animations to be controlled when using the standard settings. The logic table shows which input needs to be connected:

- State 1 = white
- State 2 = green
- State 3 = red
- State 4 = yellow
- State 5 = blue stands out, background white
- State 6 = white, ends flashing red
- State 7 = warm white

Using the Pro Editor software, these lights can be user defined in the advanced settings.

	Input 1	Input 2	Input 3
State 1	x		
State 2		x	
State 3			x
State 4	x	x	
State 5	x		x
State 6		x	x
State 7	x	x	x

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	