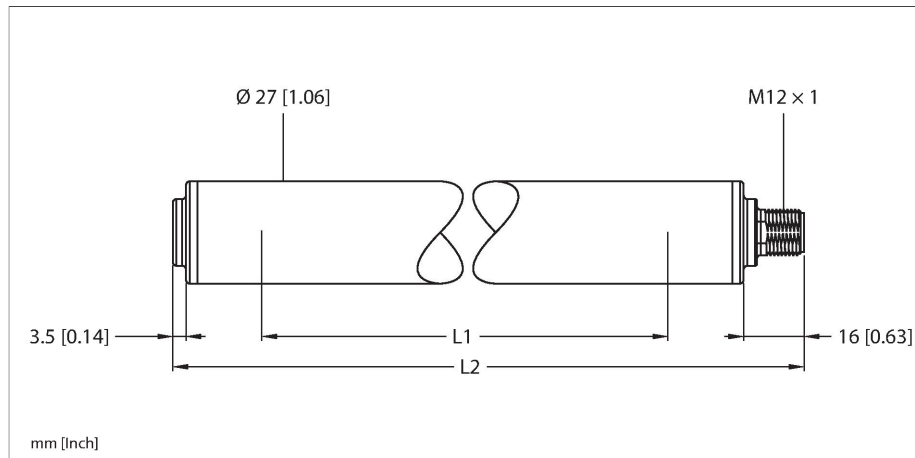


WLS27PXRGBW285DSQ

LED Linear Light – In the Plastic Housing



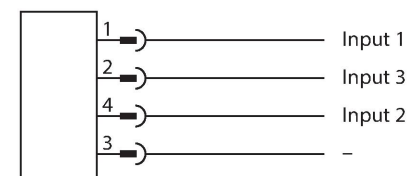
Technical data

Type	WLS27PXRGBW285DSQ
ID	3807458
Signal and display data	
Purpose	LED work light
Function	Linear light
Light type	RGB
LED service life (L70)	50000 h
Dimmable	Programmable
Features of color 1	RGBW
Special features	Chemical-resistant I/O module-compatible Wash down
Electrical data	
Operating voltage U_B	18...30 VDC
Max. current consumption per color	550 mA
Input power	7.2 W
Response time typical	< 300 ms
Mechanical data	
Cascadable	No
Design	Smooth barrel, WLS27
Dimensions	Ø 27 x 351.5 mm
Housing material	Plastic, FDA copolyester
Window material	Copolyester, diffuse
Electrical connection	Connector, M12 x 1
Number of cores	4
Ambient temperature	-40...+50 °C
Storage temperature	-40...+70 °C

Features

- Cylindrical illuminated area
- Operating voltage: 12...30 VDC
- Protection class IP67/IP69K
- M12 x 1 male connector, straight, 4-pin
- Ambient temperature: -40...+70 °C
- Light length L1: 286 mm
- Housing length L2: 351.5 mm
- RGB LEDs
- Multicolor linear light
- Parameterization via Pro Editor software
- FDA compliant
- 2 x LMBWLS27EC snap bracket included in delivery

Wiring diagram



Functional principle

These lights have RGB LEDs. Three input signals enable 1 of 7 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.

Technical data

Protection class	IP66 IP67 IP69
Protection class for electrical equipment	III
Tests/approvals	

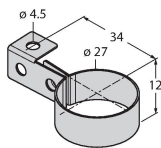
	Input 1	Input 2	Input 3
State 1	x		
State 2		x	
State 3			x
State 4	x	x	
State 5	x		x
State 6		x	x
State 7	x	x	x

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

Accessories

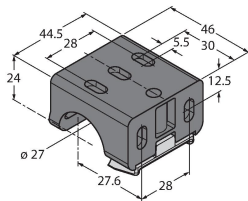
LMBWLS27H3094776

Hanging bracket for WLS27



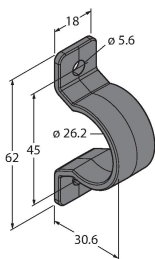
LMBWLS27U3094775

Universal mounting bracket for WLS27



LMBWLS27EC3094774

Snap bracket for WLS27



LMBWLS27SP3094773

Snap bracket for WLS27

