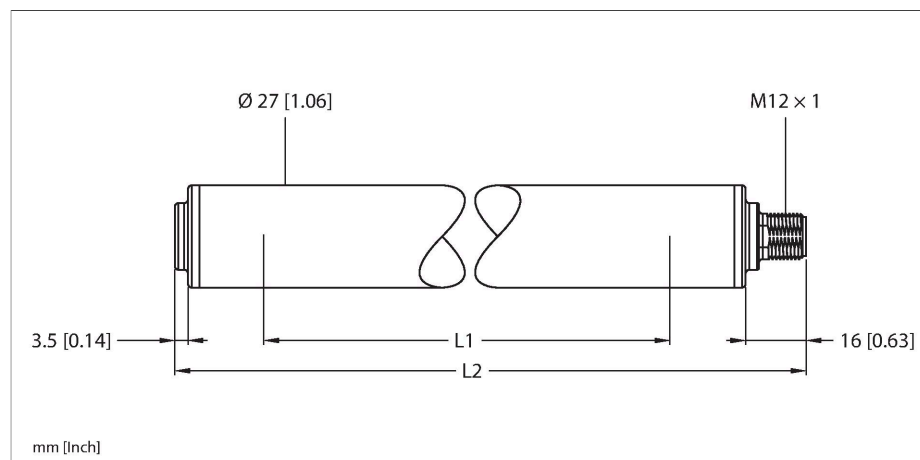


WLS27PXRGBW850HSQ

LED Linear Light – In the Plastic Housing



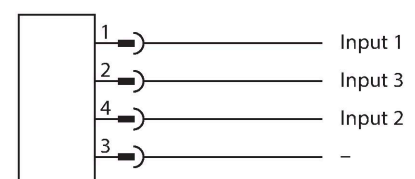
Technical data

Type	WLS27PXRGBW850HSQ
ID	3807472
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	1670 mA
Input power	22.08 W
Response time typical	< 300 ms
Mechanical data	
Cascadable	No
Design	Smooth barrel, WLS27
Dimensions	Ø 27 x 914.5 mm
Housing material	Plastic, FDA copolyester
Window material	Copolyester, Highly 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
- Light length L1: 850 mm
- Housing length L2: 915.5 mm
- RGB LEDs
- Multicolor linear light
- Strongly opaque window material
- 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.

WLS27PXRGBW850HSQ | 04-03-2025 12-42 | Technical modifications reserved

Technical data

Protection class IP66
IP67
IP69

Protection class for electrical equipment III

Tests/approvals

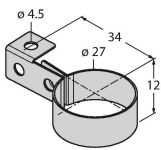
	Input 1	Input 2	Input 3
State 1	x		
State 2		x	
State 3			x
State 4	x	x	
State 5	x		x
State 6		x	x
State 7	x	x	x

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

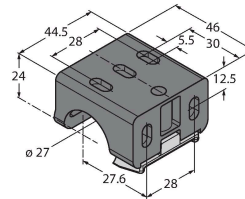
LMBWLS27H 3094776

Hanging bracket for WLS27



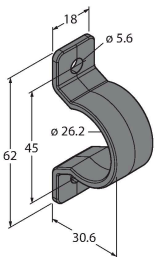
LMBWLS27U 3094775

Universal mounting bracket for WLS27



LMBWLS27EC 3094774

Snap bracket for WLS27



LMBWLS27SP 3094773

Snap bracket for WLS27

