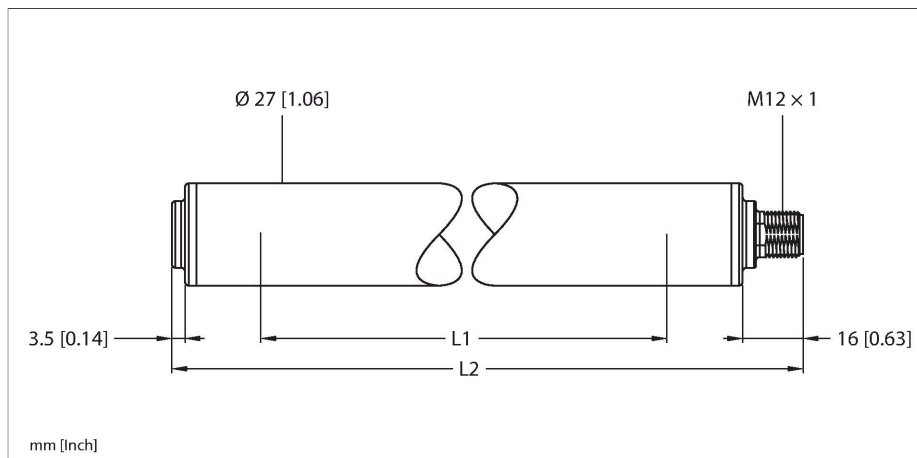


# WLS27PXRGBW430HSQ

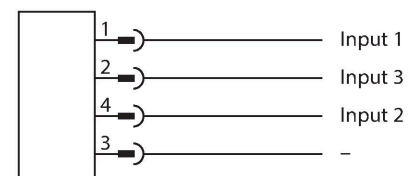
## LED Linear Light – In the Plastic Housing



### Features

- Cylindrical illuminated area
- Operating voltage: 12...30 VDC
- Protection class IP67/IP69K
- M12 × 1 male connector, straight, 4-pin
- Light length L1: 427 mm
- Housing length L2: 492.5 mm
- RGB LEDs
- Multicolor linear light
- Strongly opaque window material
- Parameterization via Pro Editor software
- FDA compliant
- 2 × 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

|                                    |                                                          |
|------------------------------------|----------------------------------------------------------|
| Type                               | WLS27PXRGBW430HSQ                                        |
| ID                                 | 3807464                                                  |
| 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<br>I/O module-compatible<br>Wash down |
| Electrical data                    |                                                          |
| Operating voltage $U_B$            | 18...30 VDC                                              |
| Max. current consumption per color | 860 mA                                                   |
| Input power                        | 11.04 W                                                  |
| Response time typical              | < 300 ms                                                 |
| Mechanical data                    |                                                          |
| Cascadable                         | No                                                       |
| Design                             | Smooth barrel, WLS27                                     |
| Dimensions                         | Ø 27 x 492.5 mm                                          |
| Housing material                   | Plastic, FDA copolyester                                 |
| Window material                    | Copolyester, Highly diffuse                              |
| Electrical connection              | Connector, M12 × 1                                       |
| Number of cores                    | 4                                                        |
| Ambient temperature                | -40...+50 °C                                             |
| Storage temperature                | -40...+70 °C                                             |

Technical data

|                                           |                      |
|-------------------------------------------|----------------------|
| Protection class                          | IP66<br>IP67<br>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       |

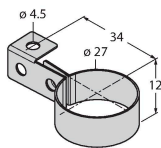
| Light Length | Typical Current |        |        | Maximum Current |
|--------------|-----------------|--------|--------|-----------------|
|              | 18 VDC          | 25 VDC | 30 VDC | A               |
| 145 mm       | 0.240           | 0.180  | 0.150  | 0.275           |
| 285 mm       | 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

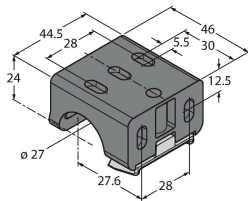
Hanging bracket for WLS27



LMBWLS27U

3094775

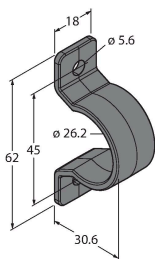
Universal mounting bracket for WLS27



LMBWLS27EC

3094774

Snap bracket for WLS27



LMBWLS27SP

3094773

Snap bracket for WLS27

