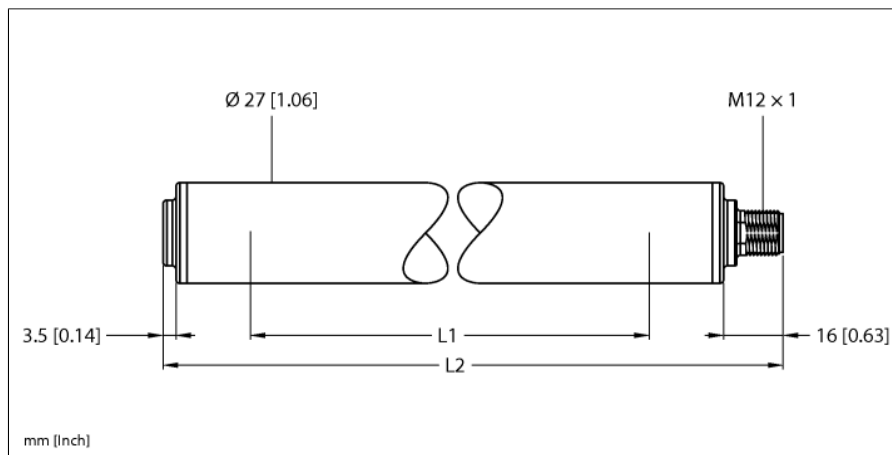


LED Linear Light In the Plastic Housing WLS27XB285DSPWMQ



Type	WLS27XB285DSPWMQ
ID	3095830

Signal and display data	
Purpose	LED work light
Function	Linear light
Light type	Blue
LED service life (L70)	50000 h
Dimmable	PWM
Features of color 1	Blue, Permanently on, 80 lm
Special features	Chemical-resistant Wash down Resistant to chemicals

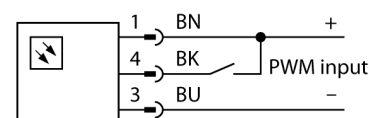
Electrical data	
Operating voltage U_s	12...30 VDC
Max. current consumption per color	800 mA
Input power	7.2 W

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, PVC
Number of cores	4
Ambient temperature	-40...+70 °C
Storage temperature	-40...+70 °C
Protection class	IP66 IP67 IP69
Protection class for electrical equipment	III

Tests/approvals	
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- 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
- Color: Blue
- M12 x 1 male, straight, 4-pin
- Dimmable via PWM input
- FDA compliant
- 2 x LMBWLS27EC snap bracket included in delivery

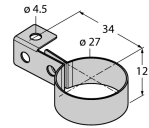
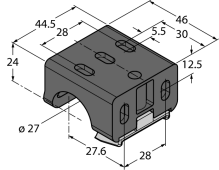
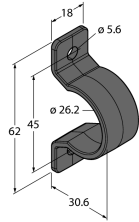
Wiring Diagram



Functional principle

The energy-efficient LED work lights are ideally suited for industrial applications. The color temperature is between 6,000 and 7,100 Kelvin (cool white). Depending on the model, the luminous flux is 325 or 2600 lumen. The device is switched on/off upon application of power (12...30 VDC). In addition, the light can be dimmed to 50% of its power by triggering a high signal on PIN 4. When using 2-color variants, it is switched between the colors. On some models the light output is continuously dimmable via a PWM signal on pin 4. Cascadable variants are also available. Available colors are cold white, warm white, green, red, yellow and blue.

Accessories

Type code	Ident no.		Dimension drawing
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	