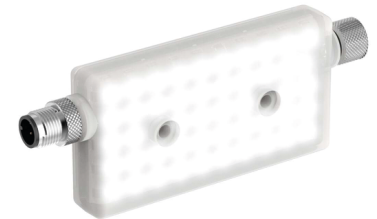
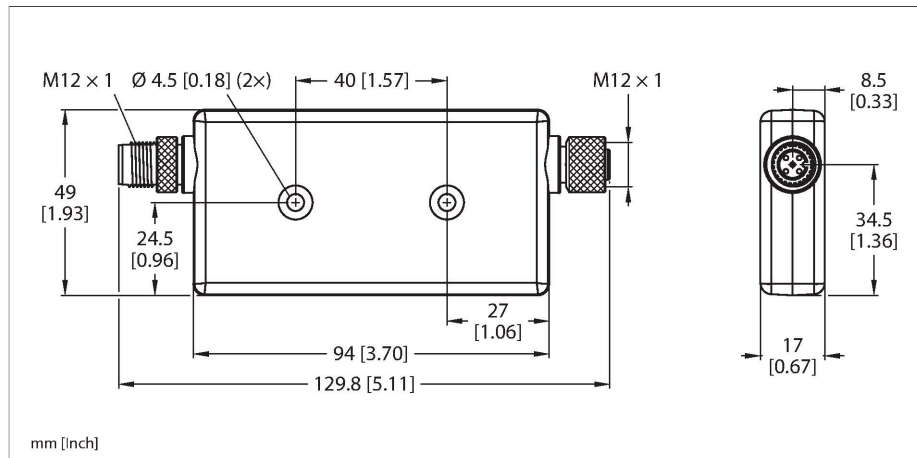


WLR95WQ

LED Linear Light – In the Plastic Housing



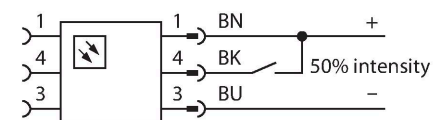
Technical data

Type	WLR95WQ
ID	3814888
Signal and display data	
Purpose	LED work light
Function	Area light
Light type	White
Color temperature	5500...+7500 K
Luminous flux lumen	600 lm
LED service life (L70)	70000 h
Dimmable	Two-stage
Electrical data	
Operating voltage U_B	12...30 VDC
DC rated operating current I_a	≤ 230 mA
Mechanical data	
Cascadable	Yes
Design	Rectangular, WLR95
Dimensions	17 x 1293.8 x 49 mm
Housing material	Plastic, TPU
Window material	Plastic, clear
Electrical connection	Connector, M12 x 1
Number of cores	4
Ambient temperature	-40...+50 °C
Storage temperature	-40...+70 °C
Relative humidity	0...90 %
Protection class	IP67 IP68

Features

- Can be switched in series
- Cascadable
- Protection class: IP67/IP69K
- Connection: Male connector/female connector, both M12 x 1, 4-pin,
- Color: white
- Illuminance: 740 lx at 0.5 m
- Operating voltage: 12...30 VDC
- 50 % dimmable via input signal

Wiring diagram



Functional principle

The low-energy LED work lights are ideally suited for industrial applications. The color temperature is between 6000 and 7100 K (cool white). Depending on the model, the luminous flux is 325 or 2600 lm. The work lights are switched on/off either by connecting/disconnecting the necessary supply voltage (10...30 VDC) or, for some variants, by means of a switch directly on the LED light. In addition, the LED light can be dimmed to 50 % of its light output by activating a high signal on PIN 4 or, for the variants with a switch, by means of an additional switch position. On some models, the light output is continuously dimmable via a PWM signal on PIN 4. Cascadable versions can also be purchased. Variants with a clear or opaque plastic window and with a 25° aperture lens are available.

Application note:

Technical data

Tests/approvals	
Approvals	CE, UKCA, cULus, ULMX-NOM

Cascading with a 12-V supply allows a total light length of 1.4 m. Cascading with a 24-V supply allows a total light length of 3.0 m. Cascading with a 30-V supply allows a total light length of 3.1 m.
At 50 % light intensity, the length specifications should be doubled.