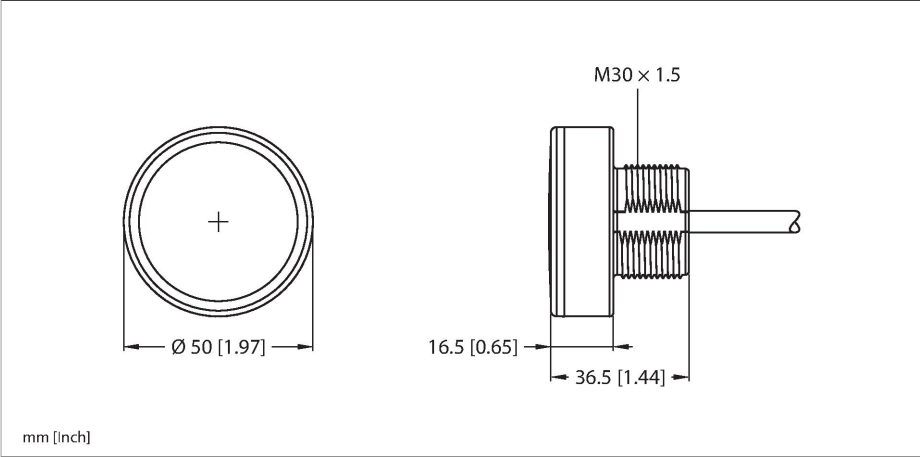


WL50-3WQP

LED Spotlight – In the Plastic Housing



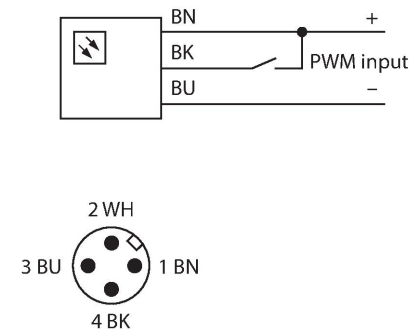
Technical data

Type	WL50-3WQP
ID	3810671
Signal and display data	
Purpose	LED work light
Function	Spotlight
Light type	White
Color temperature	4700...+5300 K
Luminous flux lumen	300 lm
LED service life (L70)	50000 h
Dimmable	PWM
Electrical data	
Operating voltage U_B	12...30 VDC
DC rated operating current I_o	≤ 100 mA
Input power	2.4 W
Response time typical	< 1 ms
Mechanical data	
Cascadable	No
Design	Cylinder, threaded, WL50-2
Dimensions	$\varnothing 50 \times 47.5$ mm
Housing material	Plastic, PC
Window material	Plastic, clear
Electrical connection	Cable with connector, M12 $\times$ 1, 0.15 m
Ambient temperature	-40...+50 °C
Protection class	IP67 IP69K
Tests/approvals	
Approvals	CE, UL

Features

- For illuminating workstations, control cabinets or machines
- Homogeneous lighting at close range
- For PWM dimming, use capacitive button LC15T-127AP1RBGQP
- Operating voltage 12...30 VDC
- Protection classes IP67/IP69K
- Light color: Daylight white
- Color temperature: 5000 K (± 300 K)
- High luminous flux: 300 lm
- Low power consumption: 2.4 W
- Pigtail M12 $\times$ 1, 0.15 m
- LC15T-127AP1RBGQP capacitive button not included in delivery

Wiring diagram



Functional principle

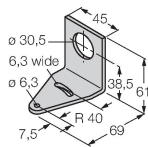
These high-intensity work lights are specially designed for illuminating workstations, control cabinets and machines. Power consumption is less than 3 watts with an efficiency of 125 lumens per watt. Devices are available in the standard variant, with activation via voltage supply of the connected cable, or in the touch variant, with activation via a capacitive

button on the front. This capacitive button can be used to increase or decrease the light intensity of the lights by increments of 10 %. In addition, it is possible to control the light intensity continuously via a PWM signal. This would be possible via the capacitive button LC15T-127AP1RBGQP or a PWM output signal of a controller or of suitable sensors. In addition, both variants are available for flat mounting or mounting on a 30-mm base.

Accessories

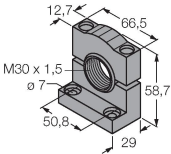
SMB30A 3032723

Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread



SMB30SC 3052521

Mounting bracket, PBT black, for sensors with 30 mm thread, rotatable



SMB30MM 3027162

Mounting bracket, rectangular, stainless steel, for sensors with 30 mm thread, wide holes for accurate alignment

