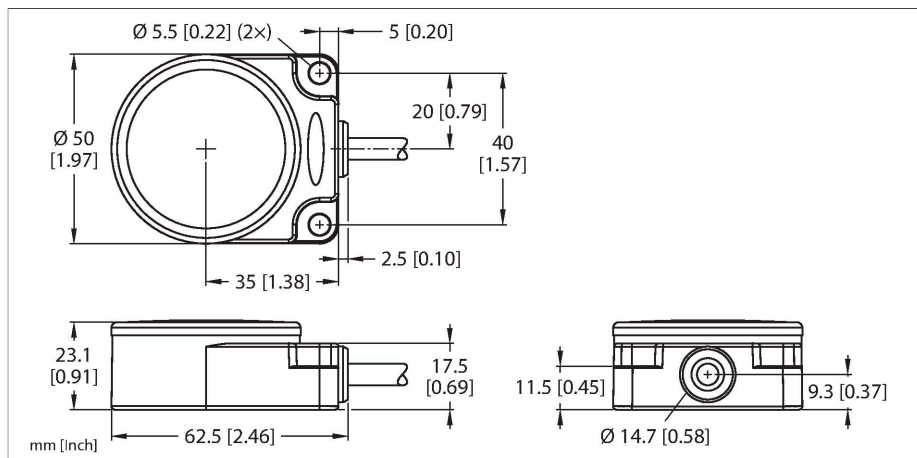


# WL50F-3W W/30

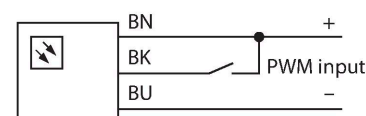
## LED Spotlight – In the Plastic Housing



### 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
- Cable, 9 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.

### Technical data

|                                  |                     |
|----------------------------------|---------------------|
| Type                             | WL50F-3W W/30       |
| ID                               | 3810663             |
| 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                           | Rectangular, WL50-2 |
| Dimensions                       | 76 x 50 x 23.1 mm   |
| Housing material                 | Plastic, PC         |
| Window material                  | Plastic, clear      |
| Electrical connection            | Cable, 9 m, PVC     |
| Ambient temperature              | -40...+50 °C        |
| Protection class                 | IP67<br>IP69K       |
| Tests/approvals                  |                     |
| Approvals                        | CE, UL              |

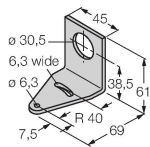
In addition, both variants are available for flat mounting or mounting on a 30-mm base.

Accessories

SMB30A

3032723

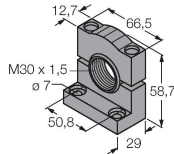
Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread



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

