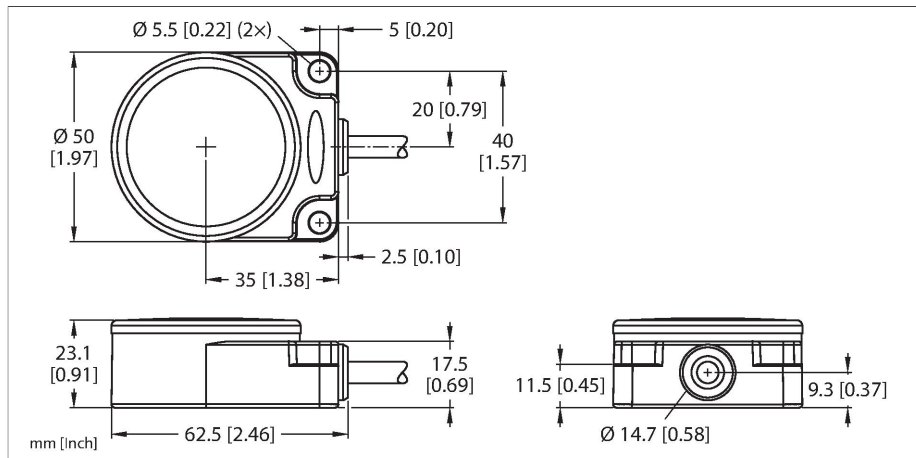


# WL50F-3TWQP

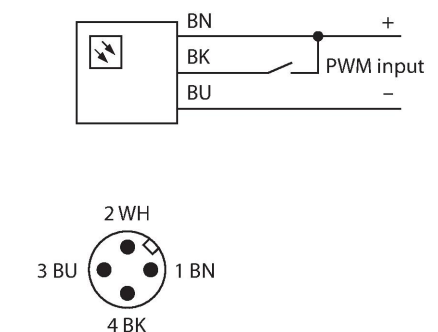
## LED Spotlight – In the Plastic Housing



### Features

- For illuminating workstations, control cabinets or machines
- Homogeneous lighting at close range
- Capacitive button for activation
- 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 x 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

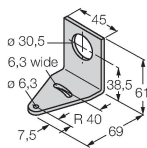
### Technical data

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Type                             | WL50F-3TWQP                           |
| ID                               | 3810656                               |
| 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                                 |
| 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 with connector, M12 × 1, 0.15 m |
| Ambient temperature              | -40...+50 °C                          |
| Protection class                 | IP67<br>IP69K                         |
| Tests/approvals                  |                                       |
| Approvals                        | CE, UL                                |

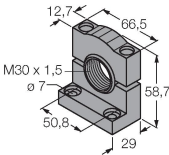
touch variant, with activation via a capacitive button on the front. This capacitive button can be used to increase or decrease the light intensity of the lights by increments of 10 %. In addition, it is possible to control the light intensity continuously via a PWM signal. This would be possible via 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 |         |

