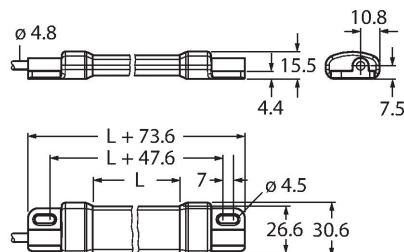


# WLS15XDW0640DSC2

## LED Linear Light – In the Plastic Housing



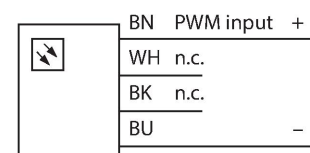
### Technical data

|                                    |                               |
|------------------------------------|-------------------------------|
| Type                               | WLS15XDW0640DSC2              |
| ID                                 | 3802028                       |
| Signal and display data            |                               |
| Purpose                            | LED work light                |
| Function                           | Linear light                  |
| Light type                         | White                         |
| Color temperature                  | 4700...+5300 K                |
| Aperture angle degree              | 60 °                          |
| LED service life (L70)             | 50000 h                       |
| Dimmable                           | PWM                           |
| Features of color 1                | White, Permanently on, 700 lm |
| Electrical data                    |                               |
| Operating voltage $U_B$            | 10...27 VDC                   |
| DC rated operating current $I_e$   | ≤ 400 mA                      |
| Max. current consumption per color | 960 mA                        |
| Mechanical data                    |                               |
| Cascadable                         | No                            |
| Design                             | Smooth barrel, WLS15          |
| Dimensions                         | 640 x 30.6 x 15.5 mm          |
| Housing material                   | Plastic, PC<br>PA, Anodized   |
| Window material                    | Polycarbonate, diffuse        |
| Electrical connection              | Cable, 2 m, PVC               |
| Number of cores                    | 2                             |
| Ambient temperature                | -40...+60 °C                  |
| Storage temperature                | -40...+70 °C                  |
| Protection class                   | IP66                          |

### Features

- Protection class IP67
- Connection: Cable, PVC, 2 m
- Length of the illuminated area L: 566.4 mm
- Color: Cold white
- Illuminance at 0.5 m: 843 Lx
- Operating voltage: 10...15 VDC or 20...27 VDC
- Dimmable from 25 to 100 % with up to 1000 Hz over the input signal

### Wiring diagram



### Functional principle

The energy-efficient LED work lights are ideally suited for industrial applications. Depending on the model, the luminous flux is 170 or 1400 lumen. The device is immediately operational upon application of power (10...15 or 20...27 VDC). The WLS15 series can thus be operated with either the 12 V usual in on-board electrical systems or the 24 V common in industrial applications. Cascadable variants are also available. Variants with a 2 m cable or a short cable with a M12 × 1 or Deutsch connector are available.

Application note:  
Cascading with a 12-V supply allows a total light length of 2.4 m. Cascading with a 24-V supply allows a total light length of 6.0 m.

Technical data

IP67

|                 |                  |
|-----------------|------------------|
| Tests/approvals |                  |
| Approvals       | CE, cULus, cURus |

Accessories

|                                                                                    |                |                                                                                                                                                      |
|------------------------------------------------------------------------------------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>LMBWLS15</b>                                                                    | <b>3802486</b> | Mounting accessories, kit consisting of three retaining clips for wall mounting of WLS15 work lights                                                 |
|   |                |                                                                                                                                                      |
| <b>LMBWLS15-150S</b>                                                               | <b>3802214</b> | Mounting accessories, kit consisting of two retaining clips with option of rotation by 150°, for wall mounting of WLS15 work lights, stainless steel |
|  |                |                                                                                                                                                      |
| <b>LMBWLS15MAG</b>                                                                 | <b>3802238</b> | Mounting accessories, kit consisting of two retaining clips with magnetic foot, for wall mounting of WLS15 work lights, retention force up to 16 lb  |
|  |                |                                                                                                                                                      |
| <b>LMBWLS15TD</b>                                                                  | <b>3802296</b> | Mounting accessories, kit consisting of two strips of double-sided adhesive tape, for wall mounting of WLS15 work lights                             |
|                                                                                    |                |                                                                                                                                                      |
| <b>LMBWLS15TF</b>                                                                  | <b>3801144</b> | Mounting accessories, kit consisting of two strips of double-sided foam urethane tape, for wall mounting of WLS15 work lights                        |