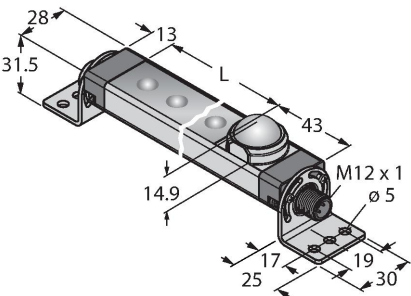


# WLS28-2CW570DXMQ

## LED Linear Light – In the Metal Housing



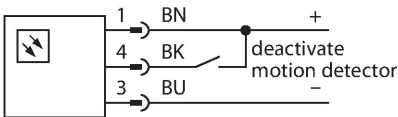
### Technical data

|                                           |                                |
|-------------------------------------------|--------------------------------|
| Type                                      | WLS28-2CW570DXMQ               |
| ID                                        | 3097275                        |
| Signal and display data                   |                                |
| Purpose                                   | LED work light                 |
| Function                                  | Linear light                   |
| Light type                                | White                          |
| Color temperature                         | 6100...+7000 K                 |
| Luminous flux lumen                       | 1300 lm                        |
| Aperture angle degree                     | 60 °                           |
| Beam angle                                | wide beam 40-80°               |
| LED service life (L70)                    | 50000 h                        |
| Dimmable                                  | No                             |
| Features of color 1                       | White, Permanently on, 1200 lm |
| Electrical data                           |                                |
| Operating voltage U <sub>B</sub>          | 12...30 VDC                    |
| DC rated operating current I <sub>o</sub> | ≤ 1360 mA                      |
| Input power                               | 16.32 W                        |
| Current consumption non-actuated          | ≤ 0.17 mA                      |
| Mechanical data                           |                                |
| Cascadable                                | Yes                            |
| Design                                    | Rectangular, WLS28-2           |
| Dimensions                                | 647 x 28 x 35.9 mm             |
| Housing material                          | Metal, AL                      |
| Window material                           | Polycarbonate, diffuse         |
| Electrical connection                     | Connector, M12 × 1, PVC        |
| Number of cores                           | 4                              |
| with motion switch                        | yes                            |

### Features

- Motion switch
- Cascadable
- Light beam: 570mm
- Operating voltage: 12...30 VDC
- Protection class: IP50
- Color: White
- M12 x 1 male, straight, 4-pin
- SMBWLS28RA mounting bracket included in delivery

### Wiring diagram



### Functional principle

The energy-efficient LED work lights are ideally suited for industrial applications. The color temperature is between 6,000 and 7,100 Kelvin (cool white). Depending on the model, the luminous flux is 325 or 2600 lumen. The LED light is switched on/off via a built-in motion switch. The range of the motion switch is 12 meters at a field of view of ± 45 °. After about 60 seconds without motion detection, the LED light will turn off automatically. Moreover, this motion switch can be disabled by controlling a high signal on pin 4. Cascadable variants are also available. Variants with a clear or diffuse plastic windows, as well as with an aperture angle of 25°.

Technical data

|                     |              |
|---------------------|--------------|
| Ambient temperature | -20...+60 °C |
| Storage temperature | -40...+70 °C |
| Relative humidity   | 0...90 %     |
| Protection class    | IP50         |
| Tests/approvals     |              |
| Approvals           | CE, UL       |

Accessories

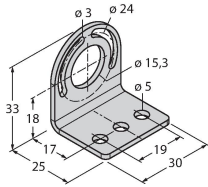
|           |         |
|-----------|---------|
| SMBWLSMAG | 3019574 |
|-----------|---------|

Magnetic fixture for mounting work lights and sensors, 2 pieces



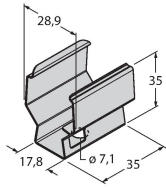
|            |         |
|------------|---------|
| SMBWLS28RA | 3015764 |
|------------|---------|

Mounting bracket, angled, metal, for WLS28 work lights, 5 mm drill holes, screw set included



|            |         |
|------------|---------|
| SMBWLS28SP | 3088063 |
|------------|---------|

Snap bracket for mounting WLS28 work lights



Accessories

| Dimension drawing | Type          | ID      |                                                                                                                         |
|-------------------|---------------|---------|-------------------------------------------------------------------------------------------------------------------------|
|                   | RKC4.4T-2/TEL | 6625013 | Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval |
|                   | WKC4.4T-2/TEL | 6625025 | Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval   |