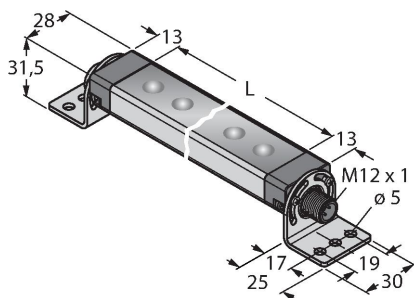


# WLS28-2CGR2-570DXQ

## LED Linear Light – In the Metal Housing



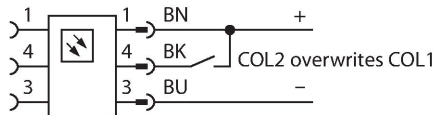
### Technical data

|                                           |                        |
|-------------------------------------------|------------------------|
| Type                                      | WLS28-2CGR2-570DXQ     |
| ID                                        | 3800525                |
| Signal and display data                   |                        |
| Purpose                                   | LED work light         |
| Function                                  | Linear light           |
| Light type                                | Green<br>Red           |
| Luminous flux lumen                       | 1300 lm                |
| Aperture angle degree                     | 60 °                   |
| Beam angle                                | wide beam 40-80°       |
| LED service life (L70)                    | 50000 h                |
| Dimmable                                  | Yes                    |
| 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                |
| Mechanical data                           |                        |
| Cascadable                                | Yes                    |
| Design                                    | Rectangular, WLS28-2   |
| Dimensions                                | 617 x 28 x 21 mm       |
| Housing material                          | Metal, AL              |
| Window material                           | Polycarbonate, diffuse |
| Electrical connection                     | Connector, M12 × 1     |
| Ambient temperature                       | -25...+70 °C           |
| Storage temperature                       | -40...+70 °C           |
| Relative humidity                         | 0...90 %               |
| Protection class                          | IP50                   |

### Features

- Cascadable
- Light beam: 570mm
- Operating voltage: 12...30 VDC
- Protection class: IP50
- Color 1: Green (100 % light intensity)
- Color 2: Red (50 % light intensity)
- Two-color linear light
- M12 x 1 male, straight, 4-pin
- SMBWLS28RA mounting bracket included in delivery

### Wiring diagram



### Functional principle

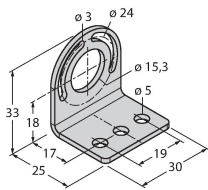
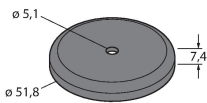
The energy-efficient LED work lights are ideally suited for industrial applications. The color temperature is between 4,700 and 5,300 Kelvin (cool white). Depending on the model, the luminous flux is 475 or 1900 lumen. Some work lights are switched on/off via supply power (10...30 VDC) and some types by means of a button directly at the LED lamp. In addition, the LED can be switched to second color by activating a high signal on PIN 4, or for the variants with a switch by means of a further switch position. This additional color can be selected with either 100, 50 or 33% light intensity. Cascadable variants are also available. Variants with a clear or diffuse plastic windows, as well as with an aperture angle of 25°.

Technical data

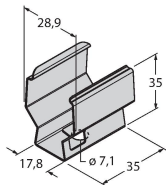
| Tests/approvals |        |
|-----------------|--------|
| Approvals       | CE, UL |

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   |