

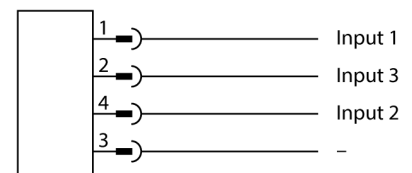
# LED Linear Light In the Metal Housing WLS28PXRGBW285XQ



|                                  |                                   |
|----------------------------------|-----------------------------------|
| Type                             | WLS28PXRGBW285XQ                  |
| ID                               | 3810982                           |
| <b>Signal and display data</b>   |                                   |
| Purpose                          | LED work light                    |
| Function                         | Linear light                      |
| Light type                       | RGB                               |
| Aperture angle degree            | 60 °                              |
| Beam angle                       | wide beam 40-80°                  |
| LED service life (L70)           | 50000 h                           |
| Dimmable                         | Programmable                      |
| Features of color 1              | RGBW                              |
| Special features                 | I/O module-compatible             |
| <b>Electrical data</b>           |                                   |
| Operating voltage $U_a$          | 18...30 VDC                       |
| DC rated operating current $I_a$ | ≤ 660 mA                          |
| Input power                      | 7.92 W                            |
| Communication protocol           | BannerBus (Pro Editor compatible) |
| Response time typical            | < 300 ms                          |
| <b>Mechanical data</b>           |                                   |
| Cascadable                       | No                                |
| Design                           | Rectangular, WLS28-2              |
| Housing material                 | Metal, AL                         |
| Window material                  | Polycarbonate, diffuse            |
| Electrical connection            | Connector, M12 × 1                |
| Number of cores                  | 4                                 |
| Ambient temperature              | -40...+50 °C                      |
| Storage temperature              | -40...+70 °C                      |
| Relative humidity                | 0...90%                           |
| Protection class                 | IP50                              |
| <b>Tests/approvals</b>           |                                   |
| Approvals                        | CE, UL                            |

- Light beam: 285mm
- Operating voltage: 12...30 VDC
- Protection class: IP50
- RGB LEDs
- Multicolor linear light
- Parameterization via Pro Editor software
- SMBWLS28RA mounting bracket included in delivery

## Wiring Diagram



## Functional principle

These lights have RGB LEDs. Three input signals enable one of seven predefined light colors or light animations to be controlled when using the standard settings. The logic table shows which input needs to be connected:

State 1 = white

State 2 = green

State 3 = red

State 4 = yellow

State 5 = blue stands out, background white

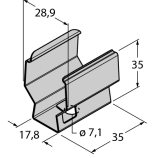
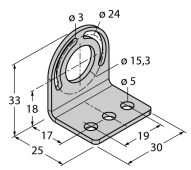
State 6 = white, ends flashing red

State 7 = warm white

Using the Pro Editor software, these lights can be user defined in the advanced settings.

|         | Input 1 | Input 2 | Input 3 |
|---------|---------|---------|---------|
| State 1 | x       |         |         |
| State 2 |         | x       |         |
| State 3 |         |         | x       |
| State 4 | x       | x       |         |
| State 5 | x       |         | x       |
| State 6 |         | x       | x       |
| State 7 | x       | x       | x       |

## Accessories

| Type code  | Ident no. |                                                                                              | Dimension drawing                                                                    |
|------------|-----------|----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| SMBWLSMAG  | 3019574   | Magnetic fixture for mounting work lights and sensors, 2 pieces                              |   |
| SMBWLS28SP | 3088063   | Snap bracket for mounting WLS28 work lights                                                  |   |
| SMBWLS28RA | 3015764   | Mounting bracket, angled, metal, for WLS28 work lights, 5 mm drill holes, screw set included |  |