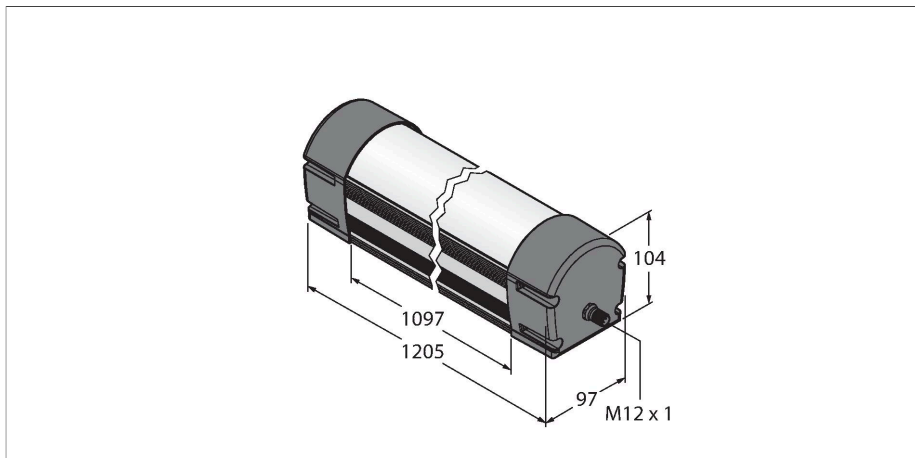


WLB92X1100PWMQ

Work Light – Linear Light



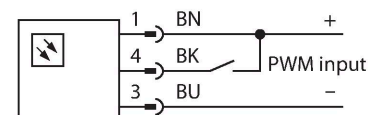
Technical data

| | |
|--------------------------------|--------------------------------|
| Type | WLB92X1100PWMQ |
| ID | 3093282 |
| Signal and display data | |
| Purpose | LED work light |
| Function | Linear light |
| Light type | White |
| Color temperature | 4700...+5300 K |
| Luminous flux lumen | 6500 lm |
| Dimmable | PWM |
| Features of color 1 | White, Permanently on, 7150 lm |
| Electrical data | |
| Operating voltage | 21.6...26.4 VDC |
| DC rated operational current | ≤ 2900 mA |
| Mechanical data | |
| Cascadable | No |
| Design | Rectangular, WLB92 |
| Dimensions | 1226 x 97 x 104 mm |
| Housing material | Metal, AL, Anodized |
| Window material | Polycarbonate, diffuse |
| Electrical connection | Connector, M12 × 1, PVC |
| Number of cores | 4 |
| Ambient temperature | -40...+70 °C |
| Protection class | IP40 |
| Tests/approvals | |
| Approvals | CE |

Features

- Light beam: 1100 mm
- Operating voltage: 24 VDC (±10%)
- Protection class: IP50
- Color: White
- M12 x 1 male
- External PWM signal for continuous dimming of the light output (0% - 100%) required

Wiring diagram



Functional principle

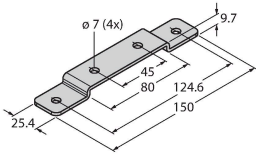
The WLB92 LED linear light is designed for multi-purpose use, is powered by 24 VDC and convinces by its robust metal housing and shatter-proof window material. An external PWM signal is required for the continuous dimming of light output from 0% -100%. The color temperature lies in the range of daylight, between 5,000 and 10,000 Kelvin. With a lifetime of 50,000 hours and very energy efficient LEDs, this a cost-saving and environmentally friendly alternative to conventional fluorescent lamps. This linear light is available in two lengths and more than twice as bright as the known WLB32 LED light.

Accessories

LMBWLB92

3093567

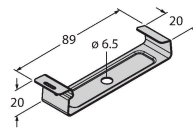
Snap bracket for WLB92 work light, included in the WLB92 scope of delivery



LMBWLB92CLIP

3093568

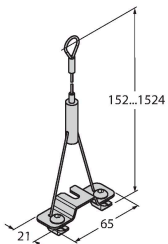
Snap bracket for WLB92 linear light



LMBWLB92HK5

3093569

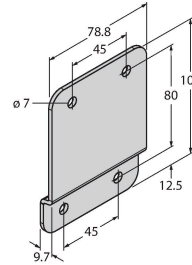
Pendant mounting bracket for WLB92



LMBWLB92S

3093570

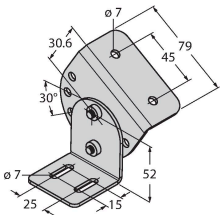
Mounting bracket for front side mounting of the WLB92



LMBWLB92RAS

3093571




Pivoting mounting bracket for WLB92 line light



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 |

Accessories

| Dimension drawing | Type | ID | |
|---|------------------|---------|--|
|  | BL20-PG-EN-V3 | 6827393 | CODESYS 3 programmable gateway for connecting BL20 I/Os to PROFINET, EtherNet/IP and Modbus TCP master |
|  | BL20-E-2CNT-2PWM | 6827341 | 2 counters 200kHz, 2 PWM 20kHz |
|  | LC65P1T | 3088188 | LED dimmer module, for stepless dimming of the light output for PWM-capable LED lights |