# WLB92X550PWM
# LED Linear Light  –   In the Metal Housing
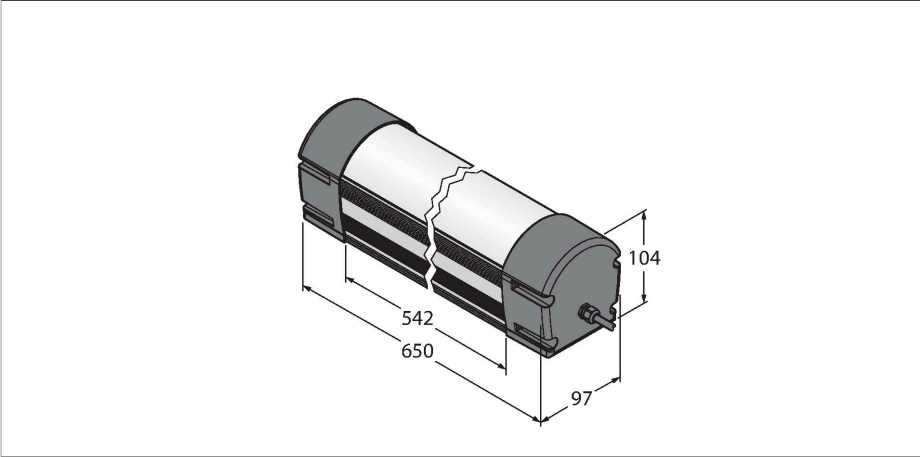


## Technical data

| Type | WLB92X550PWM |
|---|---|
| ID | 3093284 |
| **Signal and display data** | |
| Purpose | LED work light |
| Function | Linear light |
| Light type | White |
| Color temperature | 4700…+5300 K |
| Luminous flux lumen | 3130 lm |
| Dimmable | PWM |
| Features of color 1 | White, Permanently on, 3510  lm |
| **Electrical data** | |
| Operating voltage $U_B$ | 21.6…26.4  VDC |
| DC rated operating current $I_e$ | ≤ 1450 mA |
| **Mechanical data** | |
| Cascadable | No |
| Design | Rectangular, WLB92 |
| Dimensions | 665 x 97 x 104  mm |
| Housing material | Metal, AL, Anodized |
| Window material | Polycarbonate, diffuse |
| Electrical connection | Cable, 2  m, PVC |
| Number of cores | 3 |
| Ambient temperature | -40…+70  °C |
| Protection class | IP40 |
| **Tests/approvals** | |
| Approvals | CE |

## Features

■ Light beam: 550mm
■ Operating voltage: 24 VDC (±10%)
■ Protection class: IP50
■ Color: White
■ Cable, 2 m
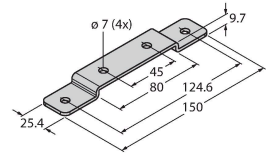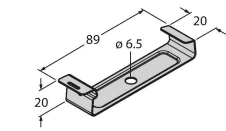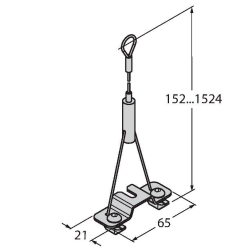■ External PWM signal for continuous dim-ming of the light output (0% - 100%) re-quired
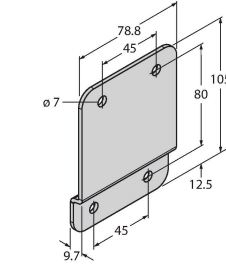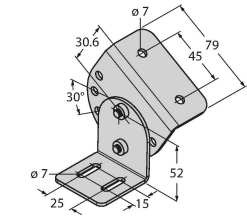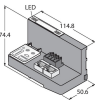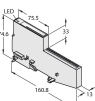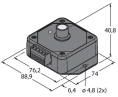
## Wiring diagram
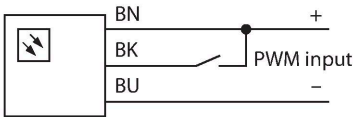


## Functional principle

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 | |
| --- | --- | --- | --- |
|  | 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 |