LED Linear Light
In the Metal Housing
WLB92X1100PWM
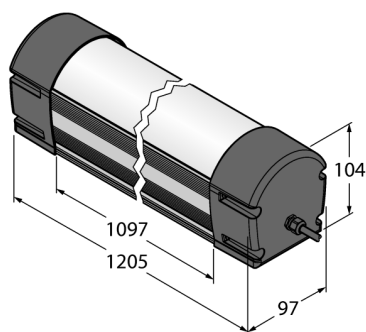
Type	WLB92X1100PWM
ID	3093286

Signal and display data	
Purpose	LED work light
Function	Linear light
Light type	White
Color temperature	4700…+5300K
Luminous flux lumen	6500 lm
Dimmable	PWM
Features of color 1	White, Permanently on, 7150 lm

Electrical data	
Operating voltage U_B	21.6…26.4 VDC
DC rated operating current I_e	$\leq$ 2900 mA

Mechanical data	
Cascadable	No
Design	Rectangular, WLB92
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

- Light beam: 1100 mm
- Operating voltage: 24 VDC (±10%)
- Protection class: IP50
- Color: White
- Cable, 2 m
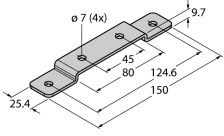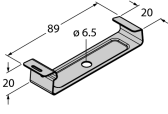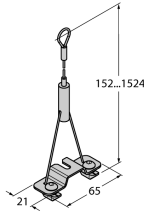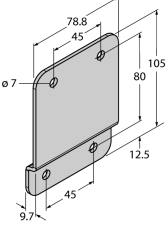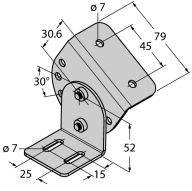- External PWM signal for continuous dimming of the light output (0% - 100%) required
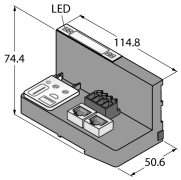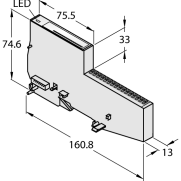
Wiring Diagram

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

Type code	Ident no.		Dimension drawing
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	

Edition • 2025-02-26T13:41:21+01:00

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Function accessories

Type code	Ident no.		Dimension drawing
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	