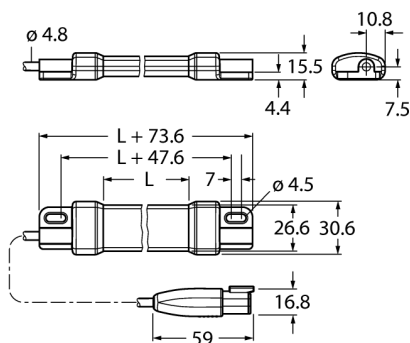


LED Linear Light In the Plastic Housing WLS15XWW0920DSQS



Type	WLS15XWW0920DSQS
ID	3802089

Signal and display data	
Purpose	LED work light
Function	Linear light
Light type	White
Color temperature	2700...+3100K
Aperture angle degree	60 °
LED service life (L70)	50000 h
Dimmable	PWM
Features of color 1	White, Permanently on, 1020 lm

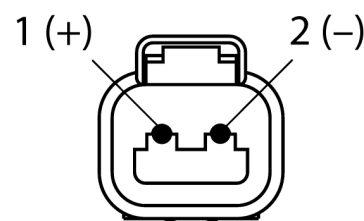
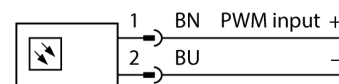
Electrical data	
Operating voltage U_o	10...27 VDC
DC rated operating current I_o	≤ 600 mA
Max. current consumption per color	1440 mA

Mechanical data	
Cascadable	No
Design	Smooth barrel, WLS15
Housing material	Plastic, PC, Anodized
Window material	Polycarbonate, diffuse
Electrical connection	Cable with connector, Deutsch DTM04-2P, 0.15 m, PVC
Number of cores	2
Ambient temperature	-40...+60 °C
Storage temperature	-40...+70 °C
Protection class	IP66 IP67

Tests/approvals	
Approvals	CE, cULus, cURus

- Protection class IP67
- Connection: Cable, PVC, 150 mm with Deutsch DTM connector, 2-pin
- Length of the illuminated area L: 846.4 mm
- Color: White
- Operating voltage: 10...15 VDC or 20...27 VDC
- Dimmable from 25 to 100 % with up to 1000 Hz over the input signal

Wiring Diagram



Functional principle

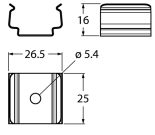
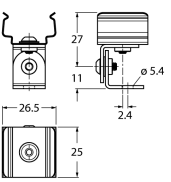
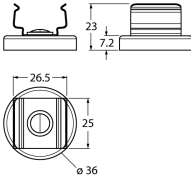
The energy-efficient LED work lights are ideally suited for industrial applications. Depending on the model, the luminous flux is 170 or 1400 lumen. The device is immediately operational upon application of power (10...15 or 20...27 VDC). The WLS15 series can thus be operat-

ed with either the 12 V usual in on-board electrical systems or the 24 V common in industrial applications. Cascadable variants are also available. Variants with a 2 m cable or a short cable with a M12 × 1 or Deutsch connector are available.

Application note:

Cascading with a 12-V supply allows a total light length of 2.4 m. Cascading with a 24-V supply allows a total light length of 6.0 m.

Accessories

Type code	Ident no.		Dimension drawing
LMBWLS15	3802486	Mounting accessories, kit consisting of three retaining clips for wall mounting of WLS15 work lights	
LMBWLS15-150S	3802214	Mounting accessories, kit consisting of two retaining clips with option of rotation by 150°, for wall mounting of WLS15 work lights, stainless steel	
LMBWLS15MAG	3802238	Mounting accessories, kit consisting of two retaining clips with magnetic foot, for wall mounting of WLS15 work lights, retention force up to 16 lb	
LMBWLS15TD	3802296	Mounting accessories, kit consisting of two strips of double-sided adhesive tape, for wall mounting of WLS15 work lights	
LMBWLS15TF	3801144	Mounting accessories, kit consisting of two strips of double-sided foam urethane tape, for wall mounting of WLS15 work lights	