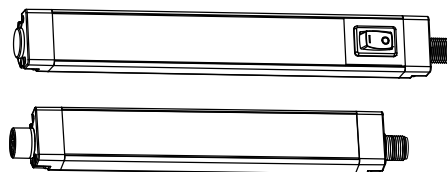


WLS28 Work Light Strip

Installation Guide

For the latest technical information about this product, including specifications, dimensions, and wiring, see www.BannerEngineering.com



Specifications

Supply Voltage and Current

12 to 30V dc (10% max. ripple)

Use only with suitable Class 2 power supply.

Max current and power per length:

Light Length	12V dc	24V dc	30V dc	Watts
145 mm	0.5A	0.25A	0.2A	6
285 mm	0.75A	0.375A	0.3A	9
430 mm	1.25A	0.625A	0.5A	15
570 mm	1.5A	0.75A	0.6A	18
710 mm	2.0A	1.0A	0.8A	24
850 mm	2.25A	1.125A	0.9A	27
990 mm	2.75A	1.375A	1.1A	33
1130 mm	3.0A	1.5A	1.2A	36

Connections

Integral 4-pin Euro style QD, or 2 m (6.5 ft) integral cable

Certifications



L25 models: UL pending

Application Notes

When connecting cascable lights in series it is important not to exceed maximum current limitations:

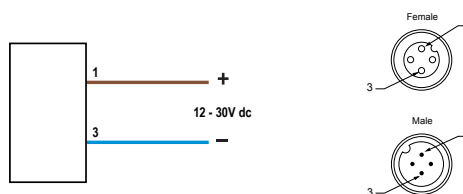
Maximum length of light at 12V dc: 1.5 m (4.9 ft)

Maximum length of light at 24V dc: 3.0 m (9.8 ft)

Maximum length of light at 30V dc: 3.1 m (10.2 ft)

Maximum Ambient Operating Temperature for inside the cabinet of 50°C

Wiring

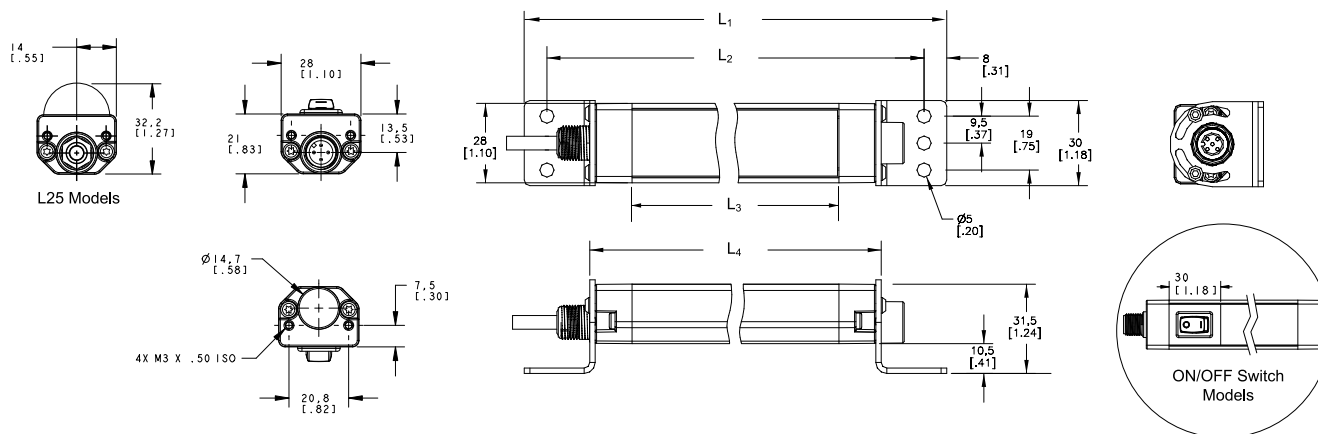


Wiring Key: 1 = Brown 3 = Blue

Mounting

(2) swivel brackets SMBWLS28RA included and (4) screws

Dimensions



Dimensions are shown with included SMBWLS28RA bracket



Non-Switch Models					
IP50 Models	IP67/IP69K Models	L ₁	L ₂	L ₃	L ₄
WLS28..145X	WLS28..145S	221 mm (8.7 in)	205 mm (8.1 in)	145 mm (5.71 in)	175 mm (6.9 in)
WLS28..285X	WLS28..285S	362 mm (14.3 in)	346 mm (13.6 in)	286 mm (11.26 in)	316 mm (12.4 in)
WLS28..430X	WLS28..430S	503 mm (19.8 in)	487 mm (19.2 in)	427 mm (16.81 in)	457 mm (18.0 in)
WLS28..570X	WLS28..570S	644 mm (25.4 in)	628 mm (24.7 in)	568 mm (22.36 in)	598 mm (23.5 in)
WLS28..710X	WLS28..710S	785 mm (30.9 in)	769 mm (30.3 in)	709 mm (27.91 in)	739 mm (29.1 in)
WLS28..850X	WLS28..850S	926 mm (36.5 in)	910 mm (35.8 in)	850 mm (33.46 in)	880 mm (34.6 in)
WLS28..990X	WLS28..990S	1067 mm (42 in)	1051 mm (41.4 in)	991 mm (39.02 in)	1021 mm (40.2 in)
WLS28..1130X	WLS28..1130S	1208 mm (47.6 in)	1192 mm (46.9 in)	1132 mm (44.57 in)	1162 mm (45.7 in)

ON/OFF Switch Models				
Model	L ₁	L ₂	L ₃	L ₄
WLS28..145XPB	251 mm (9.9 in)	235 mm (9.3 in)	145 mm (5.71 in)	205 mm (8.1 in)
WLS28..285XPB	392 mm (15.4 in)	376 mm (14.8 in)	286 mm (11.26 in)	346 mm (13.6 in)
WLS28..430XPB	533 mm (21.0 in)	517 mm (20.4 in)	427 mm (16.81 in)	487 mm (19.2 in)
WLS28..570XPB	674 mm (26.5 in)	658 mm (25.9 in)	568 mm (22.36 in)	628 mm (24.7 in)
WLS28..710XPB	815 mm (32.1 in)	799 mm (31.5 in)	709 mm (27.91 in)	769 mm (30.3 in)
WLS28..850XPB	956 mm (37.6 in)	940 mm (37 in)	850 mm (33.46 in)	910 mm (35.8 in)
WLS28..990XPB	1097 mm (43.2 in)	1081 mm (42.6 in)	991 mm (39.02 in)	1051 mm (41.4 in)
WLS28..1130XPB	1238 mm (48.7 in)	1222 mm (48.1 in)	1132 mm (44.57 in)	1192 mm (46.9 in)

Replacement Bracket and Unistrut Mounting Hardware

SMBWLS28RA

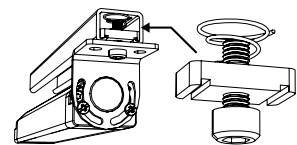
The bracket kit is available as a replacement for the one that comes with the Work Light Strip. The kit contains 2 end brackets, 4 screws.



SMBWLS28SM

This kit allows the light to be mounted at a right angle to the mounting surface. The kit contains 2 end brackets, 4 screws.

Optional SMH1316 Unistrut Mounting Kit



SMBWLSMAG

Magnetic mounting bracket for easy attachment to steel surfaces

SMBWLAMAGR

Protective cover also available to prevent scratches to painted surfaces



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