

WLS28 Work Light Strip for Enclosure and Area Lighting



Low-profile task lights provide excellent illumination of large areas.

WLS28 Work Light Strips provide bright, even illumination in enclosure interiors for increased visibility during component installation, maintenance and monitoring, and are also ideal for work stations with poor factory lighting. A narrow housing allows the lights to be mounted out of the way, while swivel brackets are provided for directing the light exactly where it's needed.

- ▶ Low-profile, 28 mm wide housing for use inside or under any industrial control cabinet, or in work stations
- ▶ White LED lights in 145 to 1130 mm lighted lengths
- ▶ Cascade models for connecting multiple lights end-to-end, minimizing wiring
- ▶ High-power LEDs for superior illumination with an even pattern of light and no shadows
- ▶ Extremely long-lasting LED technology for >50,000 hours of continuous working life
- ▶ Low power consumption of less than 9 watts per foot
- ▶ Durable aluminum housing
- ▶ Swivel mounting brackets included for convenient positioning of light
- ▶ Cabled or quick-disconnect models for installation flexibility and convenient cascading of lights

Low-Profile, Space-Saving Design



Mounting and Installation Versatility



- ▶ Cascading models for end-to-end connecting of multiple lights—up to 3.1 m total—to minimize wiring costs
- ▶ Brackets included for rotating light 45° in either direction



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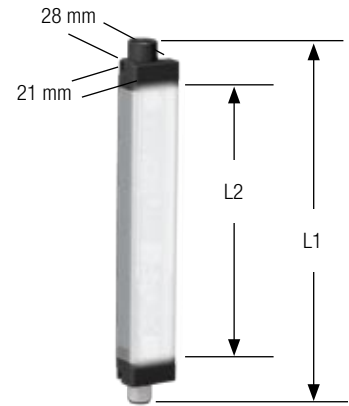
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WLS28 Work Light Strip, 12 to 30V dc

Light Position*	Connection(s)**	Overall Height (L1)	Lighted Length (L2)	LED Color	Model
 Stand-Alone Light	2 m/Endcap (no connection)	183.5 mm	145 mm	White	WLS28XW145X
		324.5 mm	285 mm		WLS28XW285X
		465.5 mm	430 mm		WLS28XW430X
		606.5 mm	570 mm		WLS28XW570X
		747.5 mm	710 mm		WLS28XW710X
		888.5 mm	850 mm		WLS28XW850X
		1029.5 mm	990 mm		WLS28XW990X
		1170.5 mm	1130 mm		WLS28XW1130X
 Stand-Alone Light or End Light in a Cascade	4-pin Euro QD (Male)/Endcap (no connection)	186 mm	145 mm		WLS28XW145XQ
		327 mm	285 mm		WLS28XW285XQ
		468 mm	430 mm		WLS28XW430XQ
		609 mm	570 mm		WLS28XW570XQ
		750 mm	710 mm		WLS28XW710XQ
		891 mm	850 mm		WLS28XW850XQ
		1032 mm	990 mm		WLS28XW990XQ
		1173 mm	1130 mm		WLS28XW1130XQ
 First Light in a Cascade	2 m/ 4-pin Euro QD (Female)	191.5 mm	145 mm	WLS28CW145X	
		332.5 mm	285 mm	WLS28CW285X	
		473.5 mm	430 mm	WLS28CW430X	
		614.5 mm	570 mm	WLS28CW570X	
		755.5 mm	710 mm	WLS28CW710X	
		896.5 mm	850 mm	WLS28CW850X	
		1037.5 mm	990 mm	WLS28CW990X	
		1178.5 mm	1130 mm	WLS28CW1130X	
 First or Middle Light in a Cascade	4-pin Euro QD (Male)/ 4-pin Euro QD (Female)	194 mm	145 mm	WLS28CW145XQ	
		335 mm	285 mm	WLS28CW285XQ	
		476 mm	430 mm	WLS28CW430XQ	
		617 mm	570 mm	WLS28CW570XQ	
		758 mm	710 mm	WLS28CW710XQ	
		899 mm	850 mm	WLS28CW850XQ	
		1040 mm	990 mm	WLS28CW990XQ	
		1181 mm	1130 mm	WLS28CW1130XQ	

Dimensions



Application Note

When connecting cascadable lights in a series, it is important not to exceed maximum current limitations:

- Maximum length of light at 12V dc: 1.5 m
- Maximum length of light at 24V dc: 3.0 m
- Maximum length of light at 30V dc: 3.1 m

Brackets



SMBWLS28RA

- Two replacement brackets for one light
- 14-ga. zinc-plated steel
- ± 45° rotation from center


* Lights are available as either stand-alone models or as models that can be "daisy-chained" together for a continuous length of lighting.

** Connection(s): A model with a QD requires a mating cordset.


- **Stand-alone models:** Lights have cable or male QD fitting at one end for power connection; no connection at opposite end. A stand-alone model with a QD may be used as the last in the cascade series.
- **Cascade models:** Lights have cable or male QD at one end for power connection, female QD at opposite end for connection to other lights in the cascade. Cascade models with cable end can only be used as the first light in the cascade series. Double-ended cordsets must be used between each pair of lights in a cascade.

Quick-Disconnect (QD) Cordsets

4-Pin M12/Euro-Style QD—Single-Ended

Description	Models*	Length
 Straight (Female)	MQDC-406	2 m
	MQDC-415	5 m
	MQDC-430	9 m

4-Pin M12/Euro-Style QD—Double-Ended

Description	Models*	Length
 Straight (Female)/ Straight (Male)	MQDEC-401SS	0.3 m
	MQDEC-403SS	0.9 m
	MQDEC-406SS	1.8 m
	MQDEC-412SS	3.6 m
	MQDEC-420SS	6.1 m
	MQDEC-430SS	9.2 m
	MQDEC-450SS	15.2 m

4-Pin M12/Euro-Style QD—Splitters

Models	Branches (Female)	Trunk (Male)
CSB-M1240M1240	No branch	No trunk
CSB-M1241M1241	2 x 0.3 m	0.3 m
CSB-M1248M1241		2.5 m
CSB-M12415M1241		4.6 m
CSB-M12425M1241		7.6 m
CSB-UNT425M1241		7.6 m Unterminated

* For right-angle models, add **RA** to the end of the model number (example, MQDC-406RA).

* For right-angle (male end) models, replace **SS** with **RS** (example, MQDEC-401RS).

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