

# Work Lights

## Enclosure, Area and Spot Lighting



### Simple and cost-effective task lighting

Banner Work Lights provide numerous solutions for illuminating work areas with intense, long-lasting and durable work lights. They are a simple, cost-effective, quality solution that are flexible in size and mounting. With the efficiency of LED long-lasting illumination, these work lights are an ideal replacement for fluorescent lighting.

- ▶ Energy-efficient LEDs produce three to four times more lumens per watt than incandescent bulbs
- ▶ Extremely bright LEDs last six times longer than CFLs and 40 times longer than incandescent light bulbs
- ▶ Simple, cost-effective, quality LEDs power up instantly for immediate use solutions
- ▶ Environmentally-friendly LEDs contain no mercury
- ▶ Banner LED lights have the same efficacy (lumens per watt) as fluorescents, but are more efficient in directing light to the work area
- ▶ Flexible in size and mounting

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# WLS28 Work Light Strips

WLS28 work light strips provide bright, even, and efficient LED illumination for enclosure interiors, which helps increase visibility in work stations or in areas with poor lighting conditions. The narrow profile metal housing allows lights to be mounted out of the way, while swivel brackets allow lights to be positioned exactly where needed. They are available in lengths from 145 mm to 1130 mm, and can be cascaded end-to-end to minimize wiring.

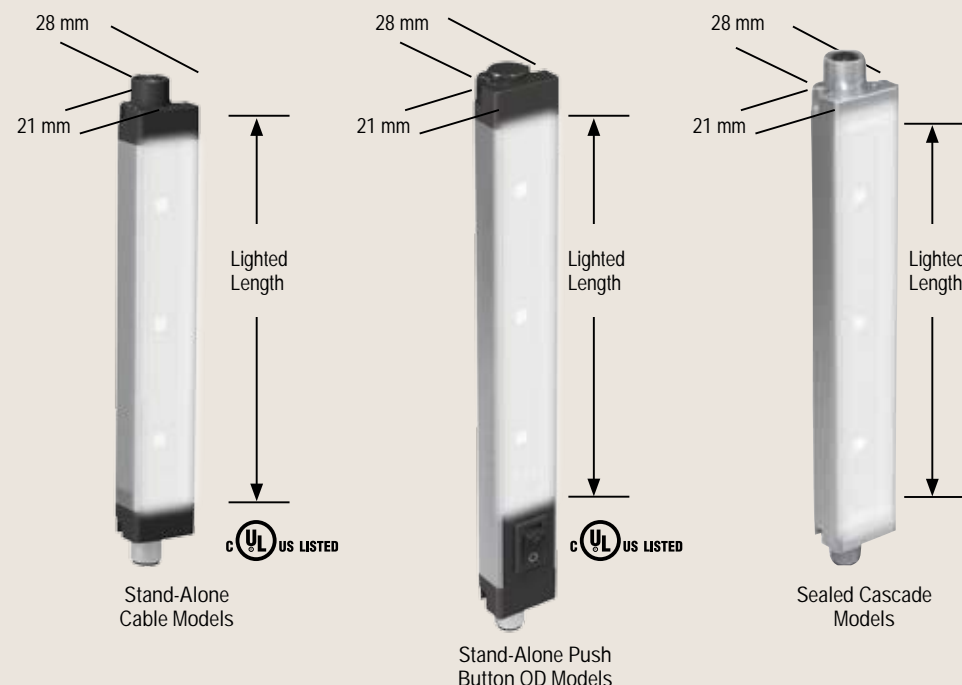
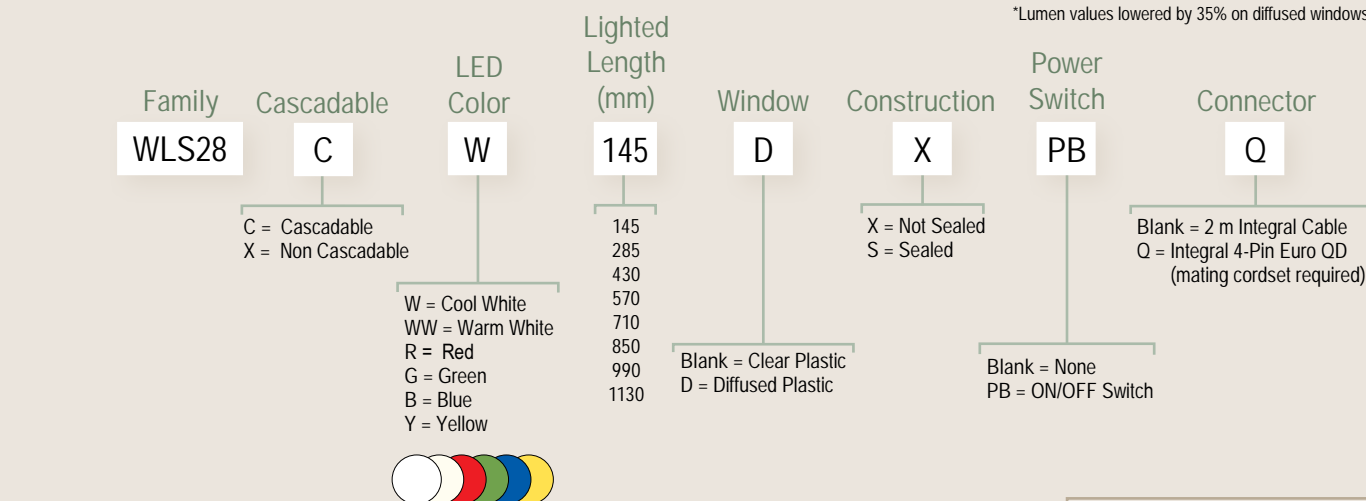
- Low-profile, 28 mm wide housing for use in industrial control cabinets or at work stations
- Rugged aluminum housing rated for IP50 (new models are available in waterproof housing rated IEC IP67 and IP69K)
- High-power LEDs for superior illumination with an even pattern of light and no shadows
- Swivel mounting brackets included
- ON/OFF switch and non-switch models available
- Extremely long-lasting LED technology for greater than 50,000 hours of continuous working life
- Low power consumption; less than 9 watts per foot
- Cabled or quick-disconnect models for installation flexibility and convenient cascading of lights



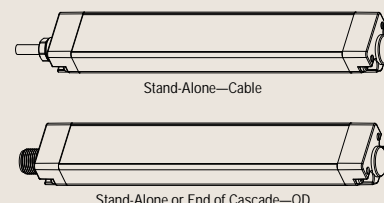
Lumens\* (Typical @ 25°C)

Length	Cool White	Warm White	Green	Red	Yellow	Blue
145	225	180	126	60	114	36
285	450	360	252	120	228	72
430	675	540	378	180	342	108
570	900	720	504	240	456	144
710	1125	900	630	300	570	180
850	1350	1080	756	360	684	216
990	1575	1260	882	420	798	252
1130	1800	1440	1008	480	912	288

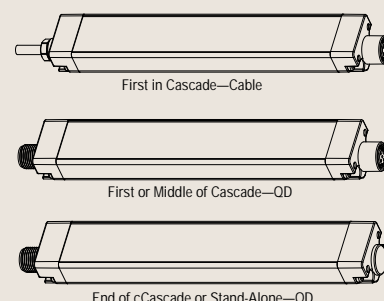
\*Lumen values lowered by 35% on diffused windows models



Stand-alone models have cable or male QD fitting at one end for power connection: no connections at opposite end.



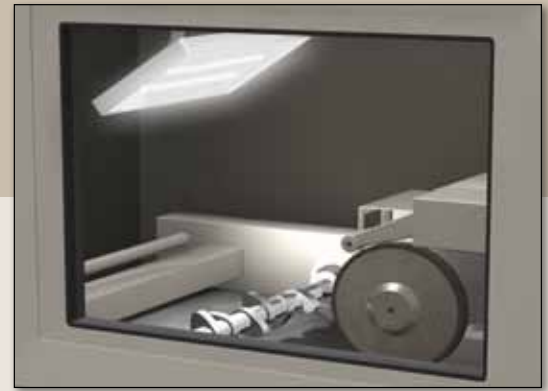
Cascade models have cable or male QD fitting at one end for power connection, female QD fitting at opposite end for connection to other lights in the cascade.



# WLA Area Lights

WLA area lights are used in industrial work cells and areas exposed to liquids, such as food and beverage processing applications and machining centers. These rugged and energy-efficient work lights provide a bright, even pattern of cool white, warm white or colored light.

- High-power solid state LED array with cool white, warm white, red, green, blue or yellow light
- Available in four sizes
- Cabled and quick-disconnect models available
- Illuminate a large area with an even pattern of light and no shadows
- Lensed models provide a concentrated, more intense beam pattern
- Rugged thermoplastic housing rated to IP69K



Lumens\* (Typical @ 25°C)

Size	Cool White	Warm White	Green	Red	Yellow	Blue
105x180	650	515	385	145	325	110
190x180	1300	1030	770	290	650	220
275x180	1950	1545	1155	435	975	330
360x180	2600	2060	1540	580	1300	440

\*Lumen values lowered by 35% on diffused windows models

Family  
**WLA**

LED Color  
**W**

Array Size (mm)  
**105X180**

Window  
**D**

Lensing  
**L11**

Connector  
**Q**

W = Cool White  
WW = Warm White  
R = Red  
G = Green  
B = Blue  
Y = Yellow

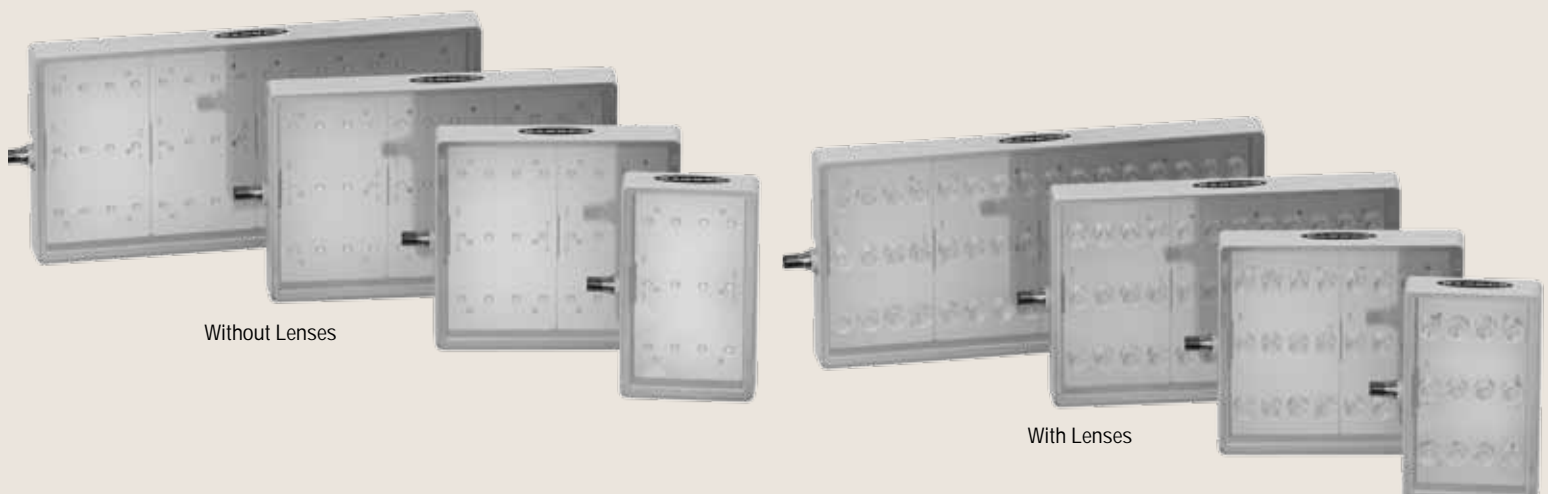


105X180  
190X180  
275X180  
360X180

Blank = Clear Plastic  
D = Diffused Plastic

Blank = No Lenses  
L11 = 11 Degree Lenses

Blank = 2 m Integral Cable  
Q = Integral 4-Pin Euro QD  
(mating cordset required)



# WL50 Work Lights

WL50 work lights provide bright, even illumination in areas where space is limited, including control cabinets and panels. The robust, sealed housing is ideal for lighting in wash-down and other rigorous industrial areas. Mounting on a flat surface is easy with the low-profile, flat-pack design and several mounting options.

- Extremely long-lasting LED technology for greater than 50,000 hours of continuous working life
- Low power consumption; less than 2 watts
- 12 to 30V dc operation
- Robust IP69K (standard) or IP67 (push-button models) for use in wet and dirty environments
- Shock, vibration and impact resistant
- Rugged, sealed polycarbonate housing



Lumens (Typical @ 25°C)

Cool White  
70



Family

**WL50**

WL50 = 30 mm Mount  
WL50F = Flat Mount

Power Switch

**PB**

Blank = Standard  
PB = ON/OFF Switch

Connector

**Q**

Blank = 2 m Integral Cable  
Q = Integral 4-Pin Euro QD  
(mating cordset required)

Mounting Options  
(included)



Lumens (Typical @ 25°C)

Lens	Cool White	Green	Red
±5°	295	210	110
±11°	285	200	105
±20°	270	190	100

# WL50S Work Spot Lights

WL50S work spot lights illuminate a specific area with an even pattern of light and no shadows. Three versions of lens angles are available to ensure the area of concentration is covered. With three high-intensity LEDs, the WL50S work spot lights create impeccable illumination for use in specific work areas.

- Highly concentrated, focused light available in white, red and green
- Rugged sealed housing rated to IP69K
- 12 to 30V dc operation
- Cabled and quick-disconnect models available
- 50 mm diameter with a threaded 30 mm mounting base



Family

**WL50S**

LED Color

**W**

W = White  
R = Red  
G = Green



Lens Angle

**L11**

L5 = ±5° (small)  
L11 = ±11° (large)  
L20 = ±20° (largest)

Connector

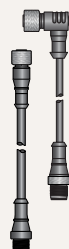
**Q**

Blank = 2 m Integral Cable  
Q = Integral 4-Pin Euro QD  
(mating cordset required)



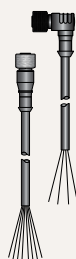
## Cordsets

### Quick-Disconnect Cordsets—Double-Ended



Model		Connection	Length	Used With
Straight/ Straight	Straight/ Right-Angle			
MQDEC-401SS	MQDEC-401RS	4-pin Euro-style	0.3 m	WL50 WLA
MQDEC-403SS	MQDEC-403RS		0.91 m	
MQDEC-406SS	MQDEC-406RS		1.83 m	
MQDEC-412SS	MQDEC-412RS		3.66 m	
MQDEC-420SS	MQDEC-420RS		6.10 m	
MQDEC-430SS	MQDEC-430RS		9.14 m	
MQDEC-450SS	MQDEC-450RS		15.2 m	

### Quick-Disconnect Cordsets










Model		Connection	Length	Used With
Straight	Right-Angle			
MQDC-406	MQDC-406RA	4-pin Euro-style	1.83 m	WL50
MQDC-415	MQDC-415RA		4.57 m	WLS28 WLA
MQDC-430	MQDC-430RA		9.14 m	WL50S




### Quick-Disconnect Cordsets—Splitter



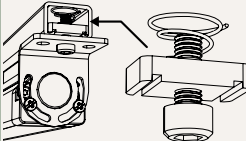




Model	Connection	Length		Used With
		Branches	Trunk	
CSB-M1240M1240	4-pin Euro-style	0 m	0 m	WL50 WLS28 WLA
CSB-M1240M1241		0.30 m	0 m	
CSB-M1241M1241		0.30 m	0.30 m	
CSB-M1248M1241		0.30 m	2.50 m	
CSB-M12415M1241		0.30 m	4.60 m	
CSB-M12425M1241		0.30 m	7.60 m	
CSB-UNT425M1241		0.30 m	7.60 m	

## Brackets

Description		Used With
	<b>SMB30A</b> • Right-angle bracket with curved slot for versatile orientation • 12-ga. stainless steel • 30 mm mounting hole	WL50 WL50S
	<b>SMB30FA</b> • Swivel bracket with tilt and pan movement for precision adjustment • 30 mm mounting hole • Easy sensor mounting to extruded rail T-slot	WL50S
	<b>SMB30MM</b> • Right-angle bracket with curved slots for versatility and orientation • 12-ga. stainless steel • 30 mm mounting hole	WL50 WL50S
	<b>SMB30SC</b> • Swivel bracket with 30 mm mounting hole • Black reinforced thermoplastic polyester • Stainless steel mounting and swivel hardware included	WL50 WL50S
	<b>SMBAMS30P</b> • Flat bracket • Articulation slot for 90+° rotation • 12-ga. cold-rolled steel • 30 mm mounting hole	WL50S
	<b>SMBAMS30RA</b> • Right-angle bracket • Articulation slot for 90+° rotation • 12-ga. cold-rolled steel • 30 mm mounting hole	WL50S
	<b>SMBWLS28RA</b> • Two replacement brackets for one light • 14-ga. zinc-plated steel • ± 45° rotation from center	WLS28

Description		Used With
	<b>SMBWLS28SM</b> • 14-ga. zinc-plated steel • ± 30° rotation from center	WLS28
	<b>SMBBSSM</b> • Set of two surface-mount brackets • 316 stainless steel • Stainless steel hardware included	WLA
	<b>SMBBSRA</b> • Right-angle swivel bracket for versatile orientation • 316 stainless steel bracket and hardware	WLA

### Additional Mounting Options

Description		Used With
	<b>SMH1316</b> This kit allows the light to be mounted to a 13/16" Unistrut channel. The kit includes: • 2 X 10-32 spring nuts • 2 X 10-32 socket head cap screws • 2 X #10 lock washers	WLS28
	<b>SMBWLSMAG</b> Includes: 2 magnets, 2 M5 screws, 2 M5 nuts with lock rings	WLS28
	<b>SMBWLSMAGR</b> 2 rubber covers to prevent scratching	
	<b>SMBWLAMAG</b> Includes: 4 magnets, 4 M5 screws	WLA
	<b>SMBWLAMAGR</b> 4 rubber covers to prevent scratching	

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