

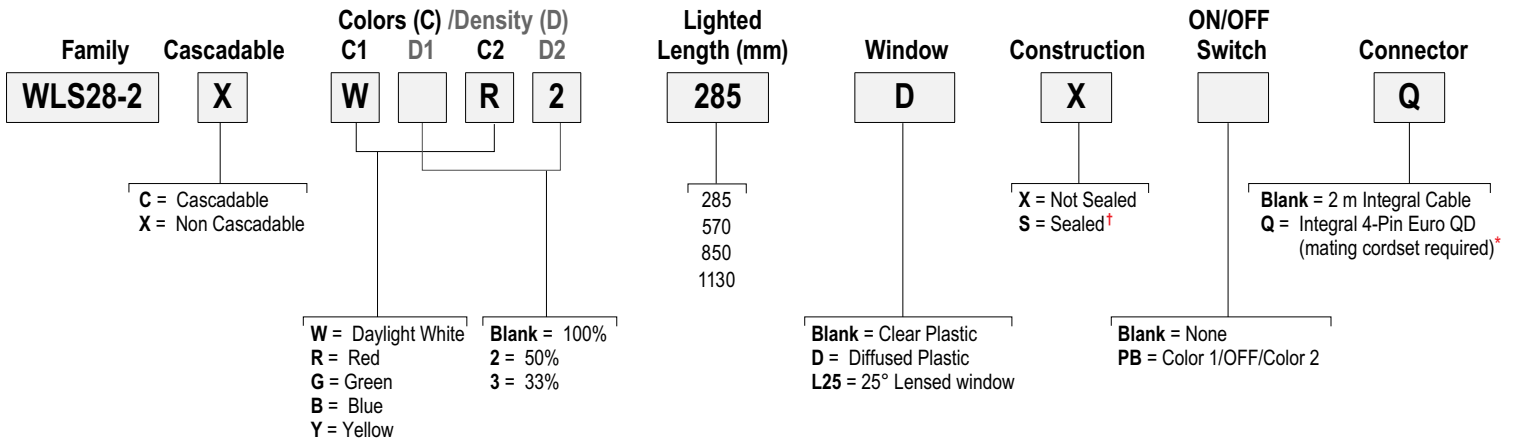


WLS28-2 LED Strip Lights

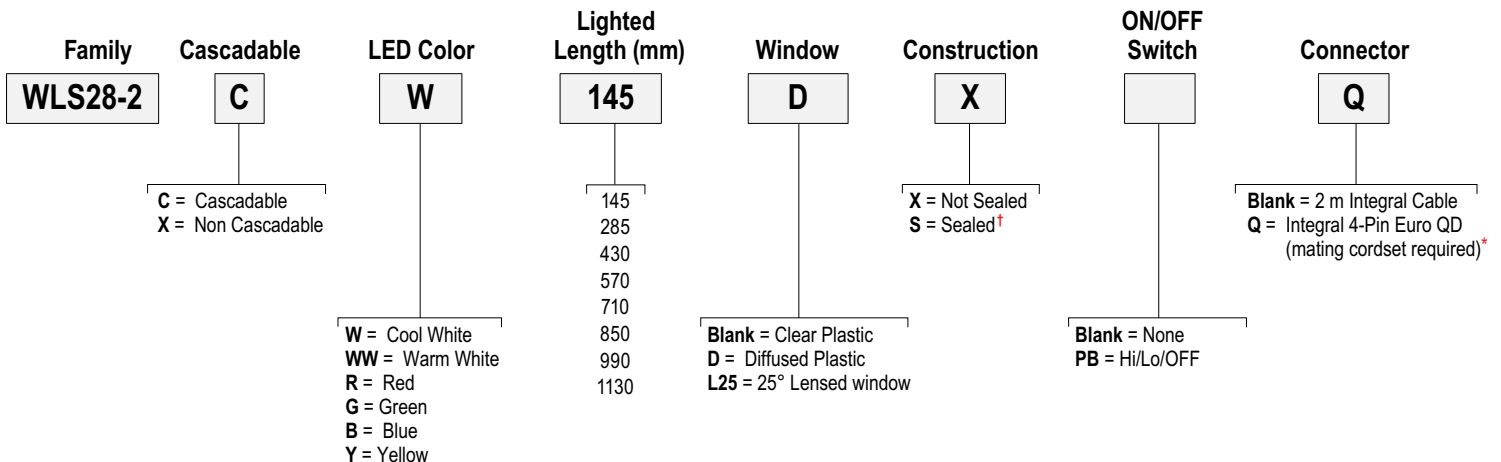
Banner's LED Strip Lights have sturdy aluminum housings, shatterproof windows and a low-profile, space-saving design. Convenient angle brackets can be used to direct the light exactly where it's needed.

- Enhanced light quality with bright, densely-spaced LEDs (6 color options available)
- Rugged, water-resistant IP69K models
- Magnetic mount options available for easy installation
- Lensed option or choice of clear or diffuse window
- Can be cascaded end-to-end to minimize wiring
- Dimmable models available (see page 536)

2-Color WLS28-2, 12-30 V DC Example Model Number **WLS28-2XWR2-285DXPBQ** **NEW**



1-Color WLS28-2, 12-30 V DC Example Model Number **WLS28-2CW145DXQ**



* Models require a mating cordset (see page 519).
 † Sealed models not available with ON/OFF Switch

Cordsets

Euro QD (for Q models)

See page 906

Length	Threaded 4-Pin	
	Straight	Right-Angle
1.83 m	MQDC-406	MQDC-406RA
4.57 m	MQDC-415	MQDC-415RA
9.14 m	MQDC-430	MQDC-430RA

Additional cordset information available. See page 902.

Euro QD—Double-Ended (for Q models)

See page 907

Length	Threaded 4-Pin	
	Straight/Straight	Straight/Right-Angle
0.31 m	MQDEC-401SS	—
0.91 m	MQDEC-403SS	MQDEC-403RS
1.83 m	MQDEC-406SS	MQDEC-406RS
3.66 m	MQDEC-412SS	MQDEC-412RS
6.10 m	MQDEC-420SS	MQDEC-420RS
9.14 m	MQDEC-430SS	MQDEC-430RS
15.2 m	MQDEC-450SS	MQDEC-450RS

Euro QD-Splitter

See page 907

Length		Threaded 4-Pin
Branches	Trunk	
0 m	0 m	CSB-M1240M1240
0.30 m	0 m	CSB-M1240M1241
0.30 m	0.30 m	CSB-M1241M1241
0.30 m	2.50 m	CSB-M1248M1241
0.30 m	4.60 m	CSB-M12415M1241
0.03 m	7.60 m	CSB-M12425M1241
0.03 m	7.60 m	CSB-UNT425M1241

Brackets


WLS28-2

SMBWLS28RA	SMBWLS28SM	SMBWLSMAG	SMBWLSMAGR
		Set of four magnets & screws	Protective cover to prevent scratches to painted surface

Additional bracket information available. See page 852.

Power Supply

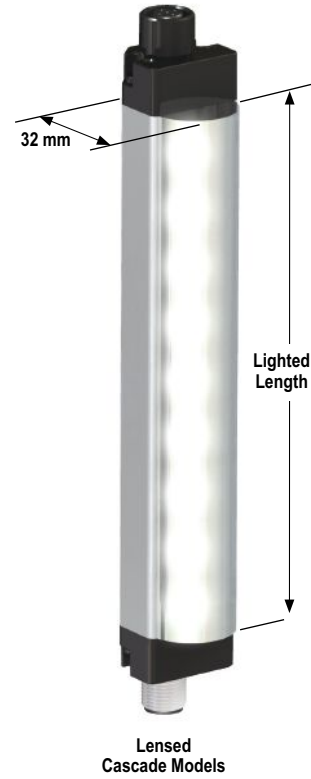
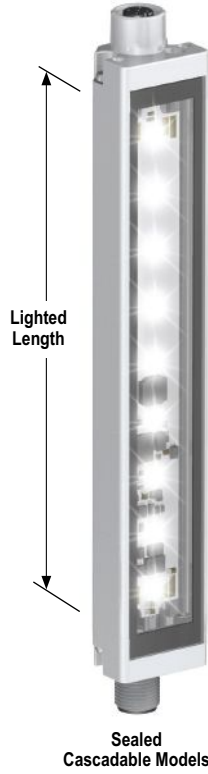
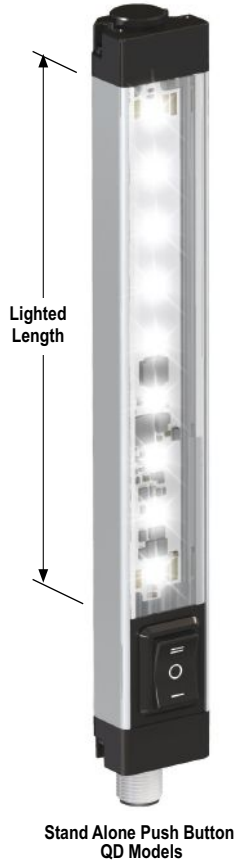
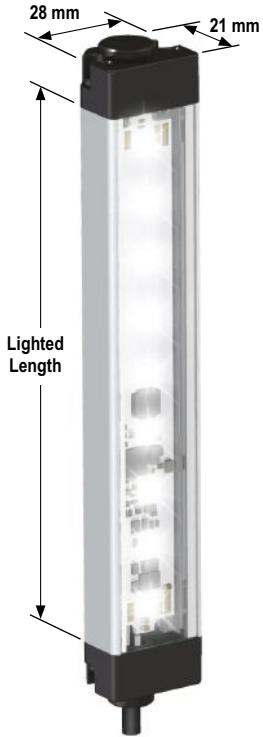
Description	Connection	Model
Class 2 Power Supply Input: 90-264 V ac 1.5A Output: 24 V dc 3.9A	2 m 4-Pin Euro	PSD-24-4



In-Line Switch

Connection	Model
M12	WLS28-2PBQ





WLS28-2 Specifications

Supply Voltage and Current

12 to 30 V dc

Max. current per length:

1-Color WLS28-2

Lighted Length	12 V dc	24 V dc	30 V dc	Max. Current (A)	Lumens* (Typical @ 25° C)					
					Cool White	Warm White	Green	Red	Yellow	Blue
145 mm	0.33 A	0.15 A	0.12 A	0.4	325	325	180	55	50	40
285 mm	0.66 A	0.30 A	0.24 A	0.8	650	650	360	110	100	80
430 mm	1.01 A	0.46 A	0.36 A	1.2	975	975	540	165	150	120
570 mm	1.36 A	0.61 A	0.48 A	1.6	1300	1300	720	220	200	160
710 mm	1.75 A	0.77 A	0.60 A	2.0	1625	1625	900	275	250	200
850 mm	2.13 A	0.92 A	0.73 A	2.4	1950	1950	1080	330	300	240
990 mm	2.59 A	1.08 A	1.08 A	2.8	2275	2275	1260	385	350	280
1130 mm	3.04 A	1.24 A	1.24 A	3.2	2600	2600	1440	440	400	320

2-Color WLS28-2

Lighted Length	12 V dc	24 V dc	30 V dc	Max. Current (A)
285 mm	0.66 A	0.30 A	0.24 A	0.8
570 mm	1.36 A	0.61 A	0.48 A	1.6
850 mm	2.13 A	0.92 A	0.73 A	2.4
1130 mm	3.04 A	1.24 A	0.97 A	3.2

* Lumen values are reduced by 25% on diffuse window models

Light Characteristics

Color Temperature (CCT): WLS28: 6,000–7,100 K **WLS28-2:** 4,500–5,600 K

Construction

Clear anodized aluminum housing; painted zinc end caps; clear acrylic window; zinc plated steel brackets

Mounting

(2) swivel brackets and (4) screws included

Environmental Rating

IP50, IP67/IP69K

Connections

Integral 4-pin Euro style QD or 2 m integral cable, depending on model. QD cordsets are ordered separately. See page 519.

Operating Conditions

Temperature: -40° to +70° C
Storage Temperature: -40° to +70° C

Application Notes

When connecting cascadable lights in series it is important not to exceed maximum current limitations:
 Maximum length of light at 12 V dc = 1.5 m
 Maximum length of light at 24 V dc = 3.0 m
 Maximum length of light at 30 V dc = 3.1 m

Certifications

