



WLA

LED Area Light

Banner's LED Area Lights provide high intensity, uniform light with low energy consumption and a small footprint. Banner's Area Lights are a versatile lighting source for a wide range of indoor and outdoor applications with angle bracket or magnetic mount options available.

- Up to 2200 lumens for extremely bright illumination
- Encapsulated models available for enhanced resistance to chemicals, vibration and shock
- Choice of clear or diffuse window for reduced glare
- Optical lensed options create more focused illumination
- Rugged housing rated to IP69K for high-pressure, high-temperature washdown applications
- Dimmable models available (see page 536)

WLA, 12-30 V DC Example Model Number **WLAW105X180DL11Q**

Family	LED Color	Array Size (mm)	Window	Lensing	Connector
WLA	W	105x180	D	L11	Q
	W = Cool White*	105x180	Blank = Clear Plastic	Blank = No Lenses*	Blank = 2 m Integral Cable
	WW = Warm White	190x180	D = Diffused Plastic	L11 = ± 11°	Q = Integral 4-Pin Euro QD
	R = Red	275x180	E = Encapsulated in	L22 = ± 22°	(mating cordset required)†
	G = Green	360x180	Polyurethane*	L30 = ± 30°	
	B = Blue				
	Y = Yellow				

* Encapsulated models only available in Cool White with no lens.
† Models require a mating cordset (see page 519).

Cordsets

Euro QD (for Q models)

See page 906

Threaded 4-Pin

Length	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.

Washdown Euro QD (for Q models)

See page 926

Threaded 4-Pin

Length	Straight
1.83 m	MQDC-WDSS-0406
4.57 m	MQDC-WDSS-0415
9.14 m	MQDC-WDSS-0430

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



Brackets

WLA

See page 885 See page 885

SMBBSSM SMBBSRA SMBWLAMAG



Set of four magnets & screws

 Additional bracket information available.
See page 852.


* Varies by model

WLA Specifications

Supply Voltage and Current

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

Max. current per length:

Size	12 V dc	24 V dc	30 V dc	Watts	Lumens* (Typical @ 25° C)					
					Cool White	Warm White	Green	Red	Yellow	Blue
WLA105X180	1.0A	0.5A	0.4A	12	550	435	325	125	275	95
WLA190X180	2.0A	1.0A	0.8A	24	1100	870	650	250	550	190
WLA275X180	3.0A	1.5A	1.2A	36	1650	1305	975	375	825	285
WLA360X180	4.0A	2.0A	1.6A	48	2200	1740	1300	500	1100	380

* Diffuse models have 35% less Lumens

Light Characteristics

Color Temperature (CCT): Cool White: 6,000-7,100K, Warm White: 2,800-3,200K, Green: 520-535 nm, Red: 620-630 nm, Yellow: 585-595 nm, Blue: 460-475 nm

Construction

PBT housing; acrylic window, nickel-plated brass connector

Environmental Rating

IP69K and IP67

Operating Conditions

Temperature: -20° to +50° C
Relative Humidity: 95% (non-condensing)
Storage Temperature: -40° to +70° C

Certifications



(on some models)