



WLC90

Heavy-Duty LED Light

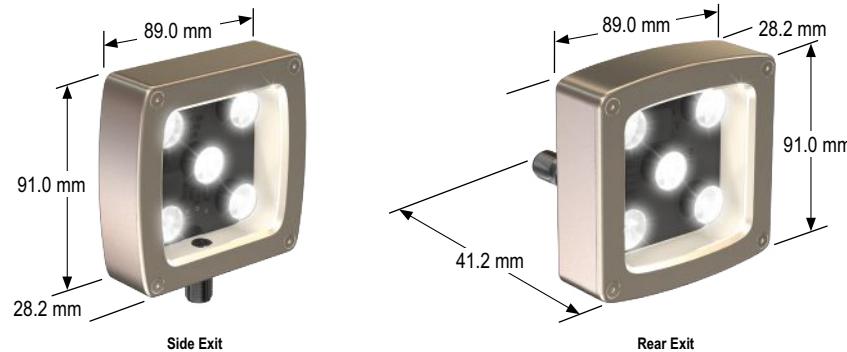
Banner's WLC90 Heavy-Duty Lights are designed to operate in harsh environments, withstanding washdown and spray from water and chemicals such as coolants and detergents. They are extremely compact and bright, making them an excellent choice for machining centers and food processing equipment.

- Rugged housing resists water, coolants, oils and detergent with IP67, IP68g and IP69K and ratings
- Wide operating temperature range with an internal monitoring circuit that will dim the LEDs to a safe level at extreme temperatures
- Three lens options to suit many application needs
- Pan and tilt brackets for versatile mounting to direct light in any direction
- All models have three discrete intensity level settings
- Dimmable models available (see page 536)

WLC90, 12-30 V DC Example Model Number **WLC90WGL15Q**

Family	LED Color	Window	Lensing	Connector Exit	Connector
WLC90	W	G	L15		
	W = Cool White	Blank = Polycarbonate G = Borosilicate Glass	L8 = $\pm 8^\circ$ L15 = $\pm 15^\circ$ L30 = $\pm 30^\circ$	Blank = Side Exit R = Rear Exit	Blank = 2 m Integral Cable Q = Integral 4-Pin Euro QD (mating cordset required)*

* Models require a mating cordset (see page 529).



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

Washdown Euro QD (for Q models)

See page 926

Length	Threaded 4-Pin	
	Straight	
1.83 m	 MQDC-WDSS-0406	
4.57 m	 MQDC-WDSS-0415	
9.14 m	 MQDC-WDSS-0430	

 Additional cordset information available.
See page 902.

Brackets

WLC90

LMBWLC90PT

SMBAMS70AS


 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



WLC90 Specifications

Supply Voltage and Current	12 to 30 V dc Max. current: 850 mA at 12 V dc 410 mA at 24 V dc 330 mA at 30 V dc Max. input power: 10.2 Watts Lumens (Typical @ 25 °C): 700
Light Characteristics	Color Temperature (CCT): Cool White: 6,000–7,100 K
Construction	Nickel plated aluminum housing, polycarbonate or borosilicate glass window
Environmental Rating	IEC IP67/IP68g / IP69K per DIN 40050
Connections	Integral 4-pin M12/Euro style QD. QD cordsets are ordered separately.
Operating Conditions	Temperature: Max intensity -40° to +70° C Storage Temperature: -40° to +70° C
Certifications	
Hookup Diagrams	See datasheet.