# BORDER PATROL LIGHT

#### PRODUCT DATA SHEET



### BPI

The Metaphase Border Patrol Light is a customized version of our Law Enforcement Light. The BPL is designed with many features for surveillance and security checkpoint monitoring. The BPL has two separate LED arrays that can be selected with different color LED's including Infrared. The Border Patrol Light features a weather proof enclosure with optional powder coated hood. Other features include an adjustable beam angle of the non-fixed array. Strobe pulse widths are adjustable from 2µs to 250µs with pulse rates up to 50kHz. Strobe controls include intensity, strobe rate, trigger delay etc. Integrated mounting hardware is included to assist with installation in virtually any environment. The Border Patrol Light can be triggered remotely via a camera's strobe output signal. Our thermal management technology assures an ultra-fast recharge to allow the strobe to fire at rates up to 50kHz for high-speed digital photography or video.



Applications				
•	Surveillance and Security checkpoint			
	control monitoring			
•	Border Patrol			
•	Law Enforcement			
•	High Speed Photography			
•	Night Vision Surveillance			
•	Stop Motion Video			
•	Automatic Number Plate Recognition			

Available Wavelengths					
Color	Code	Wavelength			
White	W	6000K			
Red	R	630nm			
Green	G	530nm			
Blue	В	470nm			
Infrared	IR850	850nm			
Infrared	IR880	880nm			
Infrared	IR940	940nm			

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## **BPL**

BPL Wire Assignment				
Wire Color	Function	Notes		
Red	24VDC	4 conductor Cable with		
White	TRIGGER IN (+)	flying leads		
Black	TRIGGER IN (-)			
Green	Ground (24V RTN)			

PART NUMBER KEY									
MODEL	SIZE	1	WAVELENGTH	-	DRIVER	1	LENS	-	CABLE LENGTH
BPL	xxx	1	xxxxx	-	XX	-	XXX	•	XXX
BPL	200		W (White 6000K, Nominal) R (Red 630nm) G (Green 530nm) B (Blue 470nm) IR850 (Infrared 850nm) IR880 (Infrared 880nm) IR940 (Infrared 940nm)		<b>24</b> (24VDC)		L12 (Narrow, 12°) L28 (Wide, 28°)  Select one		5M 10M Length can be customized: ex.7M=7meters Select or leave blank for 3 meters

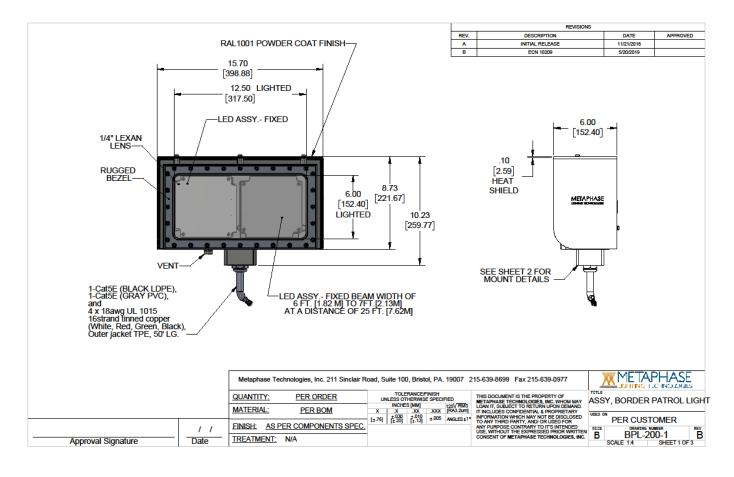
Example 1: **BPL200-W-24-L12** 

Example 2: BPL200-IR850-24-L28-5M



**BPL** 

#### Sample Part Number: BPL200-W-24-L12



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## **BPL**

## **SPECIFICATIONS**

#### General

Supply Voltage	24VDC ±10%, 6 amp switching power supply recommended
Trigger Input:	
Optically Isolated	Yes
Voltage	3V to 24V
Current	7mA typical, 10mA max
Rate	50kHz maximum
Pulsewidth	2us minimum, 250μs maximum
Edge/Polarity	Rising or Falling Edge (Strobe Mode) High or Low Level On (DC Current Mode)
Ethernet Control:	UDP messaging listening on port 5000 for any incoming source port
IP Address	User selectable. Defaults to 172.16.1.1
Operating Modes	Strobe (Pulse), DC Current
ROHS Compliance	Yes
Expected Lifetime	75,000 hours
Mounting	Pelco style swivel base
Operating Temperature	-34°C to 48.8°C (-29°F to 120°F)
Operating Humidity	0% to 85% RH non-condensing
IP Rating	IP66 (NEMA 4X enclosure)

**COMPLIANCE** 







Contact Metaphase Technologies at **215-639-8699** or your local representative for additional details, options and customizations.