

High Power Flood Light

Model#: MB-FLD406



- High Power Flood Light
- Ruggedized Design
- Patent-pending LED thermal management for stable performance
- Ideal for motion/sports analysis and large area or long range illumination.
- Strobe & dimming options
- ULC-2 (Universal LED Controller) compatible versions available
- Mounting: 4 slots for mounting

Specifications:

Current Consumption	1.4A DC; 3A Strobe
Housing	Aluminium
Finish	Black Anodized
Intensity Uniformity	+/-5%
Weight	2.5lbs
Operating Temperature	120° F Max
Compliance	CE/RoHS
Lifetime Hours	75,000 Hours
Illuminance	57,700lux

Active Area

2.88in x 6.78in
73mm x 172.1mm

Dimensions

2.82in x 8.28in x 3.75in
71.62mm x 210.2 mm x 71.5mm

Contact us:

Contact your Metaphase Technologies Representative for options including: Diffuser Choice, Polarizer & Light Control Film, Specific Intensity & Uniformity, & Wavelength.

ORDERING INFORMATION:

• M B - F L D 4 0 6 - ☐ - 2 4 - ☐

W
R
G
B
IRN
IRL
UVS
UVL
RGB

White 6000k
Red 630nm
Green 530nm
Blue 455 nm
Infrared 850nm
Infrared 880nm
UltraViolet 365nm
UltraViolet 395nm
625 nm/530 nm/470 nm

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10 ft. Flying Leads
M12 Quick Disconnect
In Line Dimmer
In Line Strobe (customer provide trigger info)

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WIRING CONFIGURATIONS - Flying Leads (DC & Strobe Models)

DC Wiring (Flying Leads)	
Flying Leads	Function
RED	+24VDC
BLACK	Ground (24VDC)
WHITE	0-10V Dimming
GREEN	Ground for 0-10V

Strobe Wiring (Flying Leads)	
Flying Leads	Function
RED	+24VDC Input
BLACK	Ground
WHITE	Rising Edge Trigger
BLUE	Falling Edge Trigger
GREEN	Trigger Ground

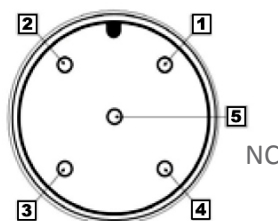
Note: Connect 0-10VDC wire to +24VDC when NOT using dimming.

ALTERNATE WIRING CONFIGURATION - M12 (DC & Strobe Models)

DC M12 Wiring		
PIN #	COLOR	Function
1	BROWN	+24VDC
2	WHITE	0-10VDC Dimming Intensity Control
3	BLUE	24V Ground
4	BLACK	0-10V Ground

Strobe M12 Wiring		
PIN #	COLOR	Function
1	BROWN	+24VDC
2	WHITE	Falling Edge Trigger
3	BLUE	24V Ground
4	BLACK	Trigger Ground
5	Gray	Rising Edge Trigger

Note: Connect 0-10VDC wire to +24VDC when NOT using dimming.



Metaphase
Technologies, Inc.

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED

