



MetaBright™ High Power Compact Diffused Tube Line Light

Model#: MB-CDT206



- Provides high intensity and uniform illumination for line scan cameras
- Ideal for providing even illumination for high reflective surfaces
- Ideal to minimize the effects of rough & bumpy surfaces
- Provides lighting that mimics a cloudy day where shadows minimized
- Similar to Metaphase Diffused tube light but with a narrow camera aperture designed for line scan cameras
- Available in sizes from 2 to 80 and various LED colors (wavelengths)
- Rugged housing with T-Nuts for ease of mounting

Specifications:

Current Consumption	0.5A @24V
Housing	Aluminum
Finish	Powder Coated Black
Cables	10 ft Flying Leads
Intensity Uniformity	+/-5%
Operating Temperature	120° F Max
Illuminance	80,000 Lux
Compliance	CE/RoHS
Lifetime Hours	75,000 Hours

Dimensions

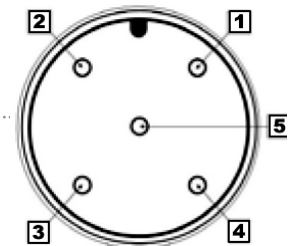
5in x 5.73in x 5.60in
127mm x 145mm x 142mm

Wiring Diagram

Flying Leads	Function
RED	+24VDC
BLACK	Ground

M12 Connector

PIN #	Function
1	+24VDC
3	Ground



ORDERING INFORMATION:

• M B - C D T 2 0 6	-	<input type="checkbox"/>	-	2	4	-	<input type="checkbox"/>
W							*BLANK
R							T
G							ILD
B							ILS
IRN							
UVL							
UVS							

W White 6000k
R Red 630nm
G Green 530nm
B Blue 470 nm
IRN Infrared 850nm
UVL (long) 395nm
UVS (short) 365nm

***BLANK** 10 ft. Flying Leads
T M12 Quick Disconnect
ILD In Line Dimmer
ILS In Line Strobe (customer provide trigger info)

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Part #	Color	Power Supply
MB-CDT206-W-24	White 6000k	24 volt power supply available upon request.
MB-CDT206-R-24	Red 630nm	
MB-CDT206-B-24	Blue 470nm	
MB-CDT206-G-24	Green 530nm	
MB-CDT206-IRN-24	Infrared 850nm	
MB-CDT206-IRL-24	Infrared 880nm	
MB-CDT206-UVL-24	UV 395nm	
MB-CDT206-UVS-24	UV 365nm	

10 ft. flying leads come standard on all products.
Light features built-in constant current driver.
No expensive controller required.

Drawing/Diagram

