

MetaBright™ High Power Compact Diffused Tube Line Light

Model#: MB-CDT506



- 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	2.0A
Housing	Alluminum
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

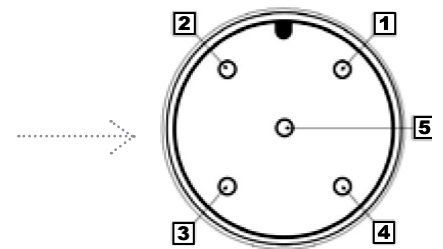
20.73in x 3.18in x 1.16in
526mm x 80mm x 29mm

Wiring Diagram

Flying Leads	Function
RED/WHITE	+24VDC
BLACK/GREEN	Ground

M12 Connector

PIN #	Function
1	+24VDC
2	0-10VDC Intensity Control
3	Ground
4	Signal Ground



ORDERING INFORMATION:

• MB-CDT506	-	<input type="checkbox"/>	-	2	-	<input type="checkbox"/>	
		W				*BLANK	10 ft. Flying Leads
		R				T	M12 Quick Disconnect
		G				ILD	In Line Dimmer
		B				ILS	In Line Strobe (customer provide trigger info)
		IRN					
		UVL					
		UVS					

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Part #	Color	Power Supply
MB-CDT506-W-24	White 6000k	24 volt power supply available upon request.
MB-CDT506-R-24	Red 630nm	
MB-CDT506-B-24	Blue 470nm	
MB-CDT506-G-24	Green 530nm	
MB-CDT506-IRN-24	Infrared 850nm	
MB-CDT506-IRL-24	Infrared 880nm	
MB-CDT506-UVL-24	UV 395nm	
MB-CDT506-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

