

## MetaBright™ High Power Compact Diffused Tube Line Light

Model#: MB-CDT106



- 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	0.2A
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

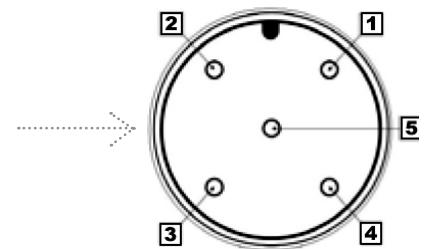
2in x 2.73in x 2.60in  
50.8mm x 69mm x 66mm

### Wiring Diagram

Flying Leads	Function
RED	+24VDC
BLACK	Ground

### M12 Connector

PIN #	Function
1	+24VDC
3	Ground



### ORDERING INFORMATION:

• MB-CDT106	-	<input type="checkbox"/>	-	2	-	<input type="checkbox"/>	
<b>W</b>	White 6000k					<b>*BLANK</b>	10 ft. Flying Leads
<b>R</b>	Red 630nm					<b>T</b>	M12 Quick Disconnect
<b>G</b>	Green 530nm					<b>ILD</b>	In Line Dimmer
<b>B</b>	Blue 470 nm					<b>ILS</b>	In Line Strobe (customer provide trigger info)
<b>IRN</b>	Infrared 850nm						
<b>UVL</b>	(long) 395nm						
<b>UVS</b>	(short) 365nm						

## MetaBright™ High Power Compact Diffused Tube Line Light

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Part #	Color	Power Supply
MB-CDT106-W-24	White 6000k	24 volt power supply available upon request.
MB-CDT106-R-24	Red 630nm	
MB-CDT106-B-24	Blue 470nm	
MB-CDT106-G-24	Green 530nm	
MB-CDT106-IRN-24	Infrared 850nm	
MB-CDT106-IRL-24	Infrared 880nm	
MB-CDT106-UVL-24	UV 395nm	
MB-CDT106-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

