

MetaBright™ High Power Diffuse Tube Light

Model#: MB-DT306



- Patent-pending LED heat management for consistent performance
- Optical grade reflector coating reflects 99.9% of light for optimum diffused output
- High intensity and uniform, non-directional illumination across entire lighting hemisphere for area scan
- Ideal for highly reflective surfaces and textured or topographic objects
- Provides cloudy day illumination, minimizing shadows and glare
- Enclosed workspace blocks interference of ambient light
- Strobe & dimming options

Specifications:

Current Consumption	2.5A @24VDC
Housing	Aluminium
Finish	Powder Coated Black
Intensity Uniformity	+/-5%
Weight	6lbs/2,721g
Operating Temperature	120° F Max
Illuminance	35,000 Lux
Compliance	CE/RoHS
Lifetime Hours	75,000 Hours

Active Area

7 x 15 in
177.8mm x 381mm

Dimensions

10 in x 17.75 in x 3.875
254mm x 450.85mm x 98.42

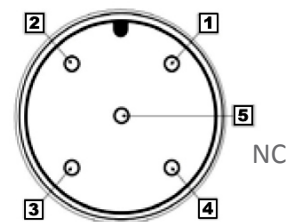
Wiring Diagram

Flying Leads	Function
RED	+24VDC
BLACK	Ground

18 AWG 4 WIRES CABLE X 1
When not using intensity control, connect 0-10V control line to +24 (Max Intensity Control = 25V) and intensity control ground to ground

M12 Connector

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



ORDERING INFORMATION:

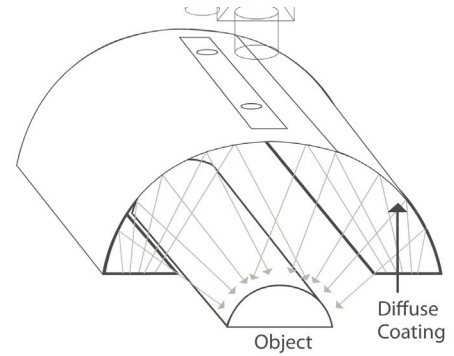
• M B - D T 3 0 6	-	<input type="checkbox"/>	-	2	4	-	<input type="checkbox"/>
W		White 6000k		*BLANK		10 ft. Flying Leads	
R		Red 630nm		T		M12 Quick Disconnect	
G		Green 530nm		ILD		In Line Dimmer	
B		Blue 455 nm		ILS		In Line Strobe (customer provide trigger info)	
IRN		Infrared 850nm		LL		Long Focal Lens	
UVL		UV Long 395nm					
UVS		UV Short 365nm					

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Contact Us:

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



Drawing/Diagram

