

### 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

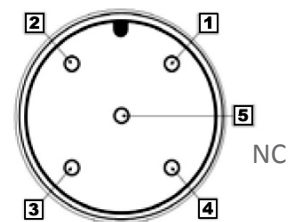
10 in x 17.75 in x 3.875  
254mm x 450.85mm x 98.42

#### 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 - □ - 2 4 - □

**W**  
**R**  
**G**  
**B**  
**IRN**  
**UVL**  
**UVS**

White 6000k  
Red 630nm  
Green 530nm  
Blue 455 nm  
Infrared 850nm  
UV Long 395nm  
UV Short 365nm

**\*BLANK**  
**T**  
**ILD**  
**ILS**  
**LL**

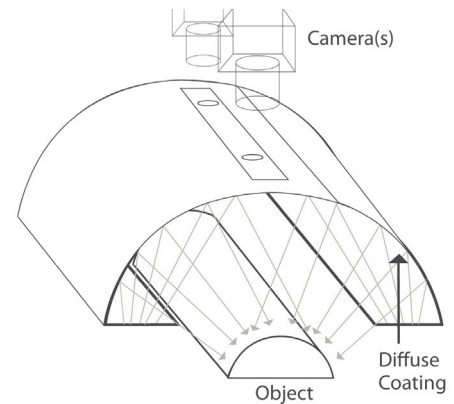
10 ft. Flying Leads  
M12 Quick Disconnect  
In Line Dimmer  
In Line Strobe (customer provide trigger info)  
Long Focal Lens

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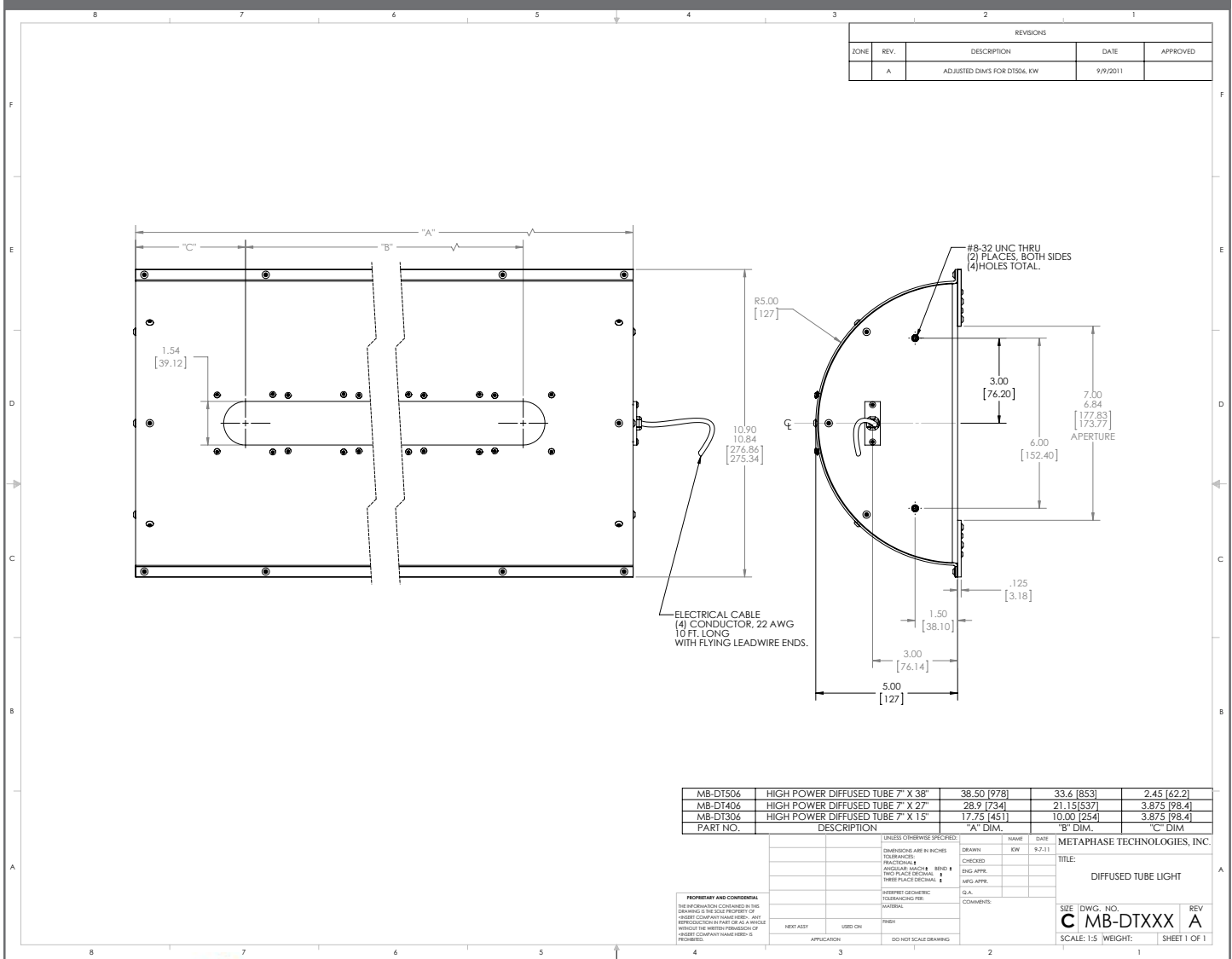
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### Contact Us:

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



### Drawing/Diagram



945 East 11<sup>th</sup> Avenue Tampa, FL 33605

Phone: (813) 984-0125

Contact: Sales@pyramidimaging.com

<https://pyramidimaging.com>

