

## MetaBright™ High Power Diffuse Dome Light

Model#: MB-DL906



- Patent-pending LED heat management for consistent performance
- 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
- Optical grade reflector coating reflects 99.9% of light for optimum diffused output
- Strobe & dimming options
- Mounting: Comes with mounting studs

### Specifications:

Current Consumption	3.5A @ 24VDC
Housing	Alluminum
Finish	Powder Coated Black
Intensity Uniformity	+/-5%
Operating Temperature	120° F Max
Illuminance	68,000 Lux
Compliance	CE/RoHS
Lifetime Hours	75,000 Hours

### Wiring Diagram

Flying Leads	Function
RED	+24VDC
WHITE	0~10V
BLACK	Ground
GREEN	Signal Ground

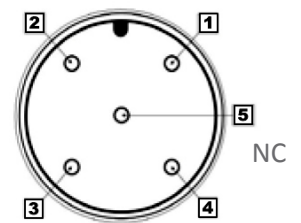
18 AWG 4 WIRES CABLE X 1  
When not using intensity control, connect 0-10V control line to +24 (Max Intensity Control = 25V) and intensity control ground to ground

### Active Area Dimensions Camera Aperture

27.5" I.D.	16.54in x 36in	2.10in
698mm I.D.	420mm x 914mm	53.3mm

### M12 Connector

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



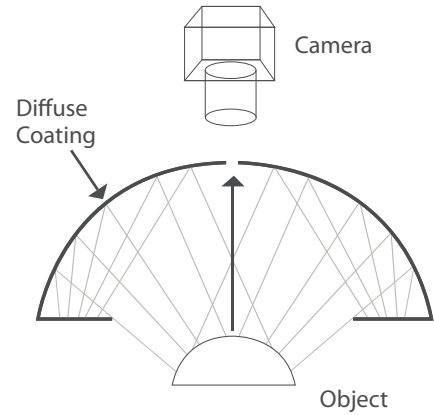
### ORDERING INFORMATION:

• MB-DL906 -  - 24 -

<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 455 nm	<b>ILS</b>	In Line Strobe (customer provide trigger info)
<b>IRN</b>	Infrared 850nm	<b>LL</b>	Long Focal Lens
<b>RGB</b>	625/530/455nm		

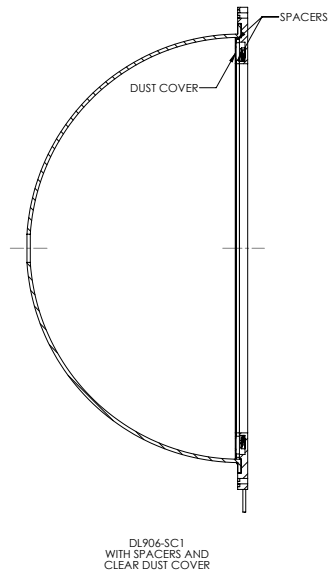
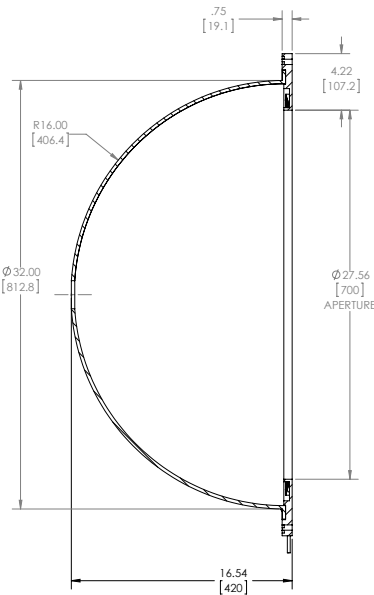
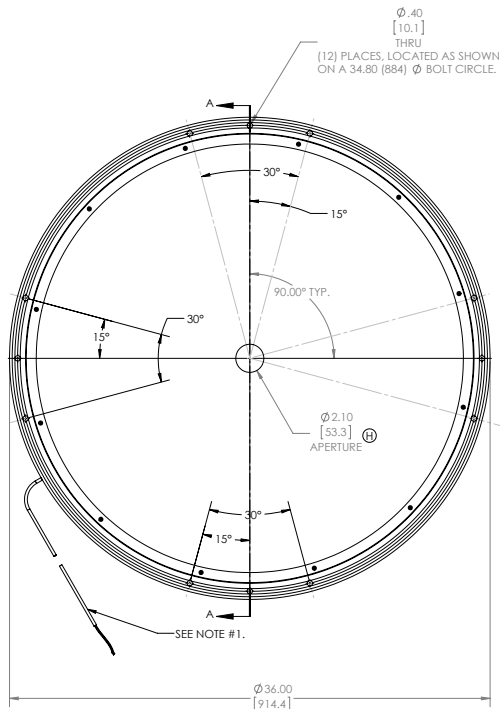
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### Drawing

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	F	DRAWING NUMBER WAS DL660, KW	1/25/2011	
	G	ADDED PART NO. AND MOVED DWG NO., KW	2/10/2011	
	H	2.10 DIA. WAS 1.80 DIA., KW	2/24/2011	
	J		7/24/2011	
	K	ADDED CLEAR ACRYLIC COVER AND SPACERS, KW	12/27/2011	



**NOTES:** UNLESS OTHERWISE SPECIFIED

- SUPPLIED: 30 FT.(914 CM) ELECTRICAL CABLE WITH FLYING LEADWIRES.

UNLESS OTHERWISE SPECIFIED:		NAME	DATE	METAPHASE TECHNOLOGIES, INC. TITLE: DOME LIGHT, 27.5 INCH (698.5) ID 32 INCH (812.8) OD SALES DWG
DIMENSIONS ARE IN INCHES	DRAWN	KW	7-26-11	
FRACTIONS: 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 7/8	CHECKED			
ANGLES: MATCH #	ENG APPR.			
TWO PLACE DECIMAL #	MFG APPR.			
THREE PLACE DECIMAL #				
INTERPRET GEOMETRIC TOLERANCING PER:	G.A.			
MATERIAL:	DRAWING NO.			
FINISH:	DL906			
	SIZE	PART NO.	REV	
	C	MB-DL906	K	