

MetaBright™ High Power Diffuse Do

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

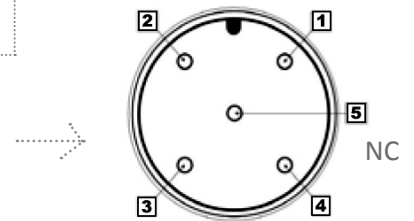
18 AWG 4 WIRES CABLE X 1
 When not using intensity control, connect 0-10V control line to +24 (Max Intensity Control = 25V) and intensity control ground to ground

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:

• M B - D L 9 0 6 - - 2 4 -

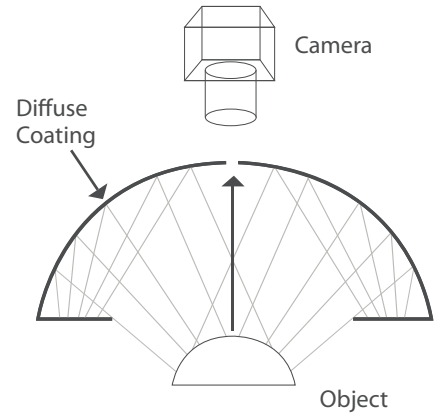
W White 6000k
R Red 630nm
G Green 530nm
B Blue 455 nm
IRN Infrared 850nm
RGB 625/530/455nm

***BLANK** 10 ft. Flying Leads
T M12 Quick Disconnect
ILD In Line Dimmer
ILS In Line Strobe (customer provide trigger info)
LL Long Focal Lens



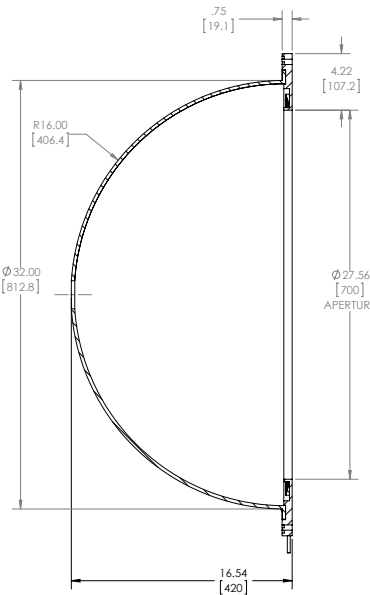
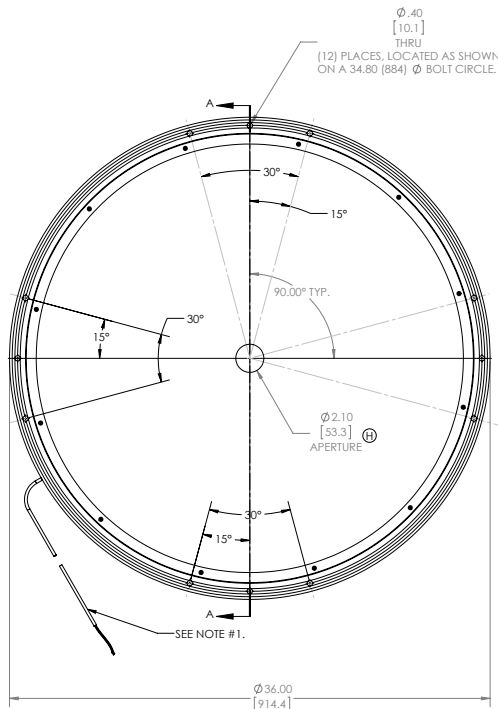
MetaBright™ High Power Diffuse Dome Light

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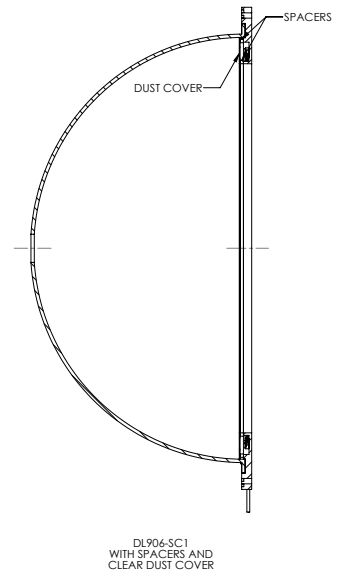


Drawing

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		7/26/2011	
	K	ADDED CLEAR ACRYLIC COVER AND SPACERS, KW	12/27/2011	



SECTION A-A
SCALE 1 : 5



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	
ISO DIMENSIONS:	CHECKED			
FRACTIONAL & ANGULAR MATCHES	ENG APPR.			
	THIRD PLACE DECIMAL			
	THIRD PLACE DECIMAL			
	INTERPRET GEOMETRIC TOLERANCING PER:	G.A.		
	AS SHOWN			
	DRAWING NO.	DL906		REV
	SIZE / PART NO.	C / MB-DL906		K