

MAGLED^{MINI}

DIE CAST ALUMINIUM BULKHEAD



OVERVIEW

 The MAGLED MINI BULKHEAD offers high reliability combined with superb photometric performance and the MAGLED MINI's robust slim design ensures minimal build up of dirt and dust, making it the perfect bulkhead for use in all industrial applications, including hazardous areas (Zone 2 & 21/22).

APPLICATIONS

- Industrial lighting
- Outdoor lighting
- Security lighting
- Conveyor lighting
- Tunnel lighting
- Emergency lighting
- Dusty & dirty environments
- Zone 2, 21, 22



Made in
South Africa



L90B10
100 000 Hours



IP66
Rated



Rated up to
IK10



Surge Protection
Standard



SABS
Approved



Emergency Version
Available



MAGNITECH
LIGHTING INDUSTRIES

MAGNITECH - BENCHMARKING THE STANDARD
OF **QUALITY**



FEATURES & BENEFITS

STANDARDS:

SANS / IEC 60598-1
SANS / IEC 60079-15 (Zone 2)
SANS / IEC 60079 (Zone 21, 22)
SANS / IEC 60079-31

LIGHT DISTRIBUTION:

Various light distributions available

LIGHT ENGINE:

High power 5050 LED's

TAMPER-PROOF FRAME:

2 lockable stainless steel clips

GASKET:

Silicon closed cell gasket ensures IP66 ingress protection

PROTECTOR:

High thermal shock resistant glass

SURGE PROTECTION

10kV/10kA - Standard
20kV/20kA - Optional

LED DRIVER COMPARTMENT:

- Removable geartray
- EN approved driver
- High temperature terminal block
- SABS approved wiring

CABLE ENTRY:

20mm cable entry

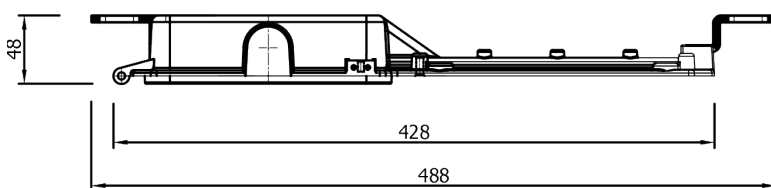
MOUNTING BRACKET

HOUSING:

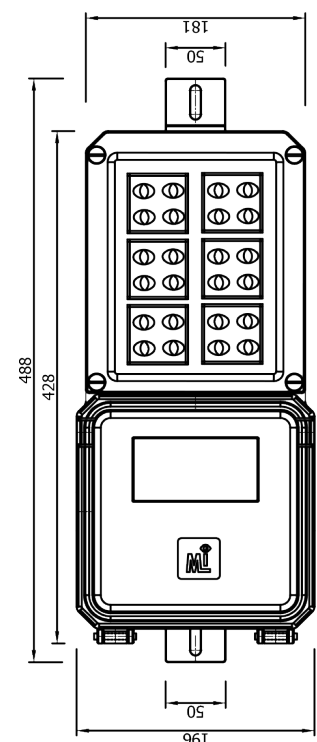
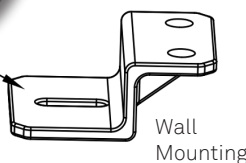
AC44300 (LM6) Marine Grade Aluminium



DIMENSIONS



Description	Length	Width
MAGLED MINI (Wall Mounting)	488mm	196mm

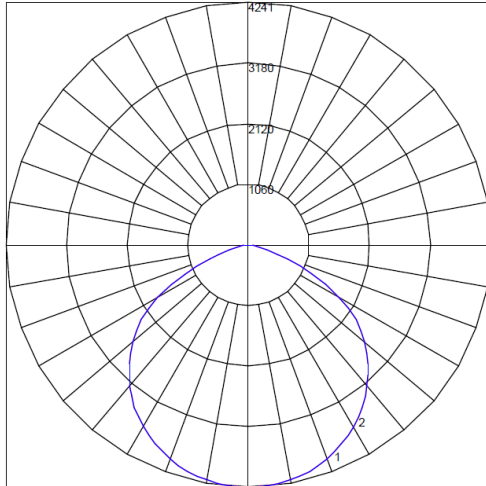


PHOTOMETRIC DATA

IES ROAD REPORT

PHOTOMETRIC FILENAME : MAGLED MINI GENERAL OPTICS .IES

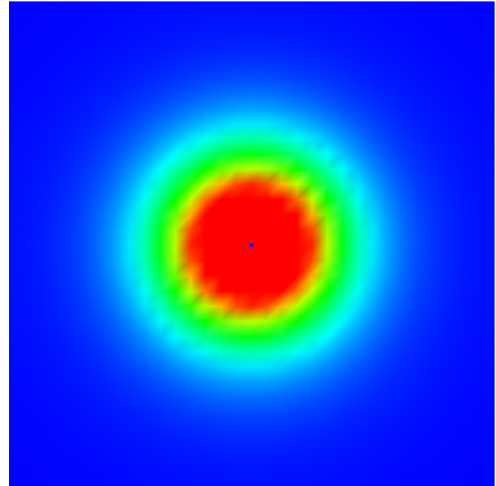
POLAR GRAPH



Maximum Candela = 4240.566 Located At Horizontal Angle = 360, Vertical Angle = 0

#1 - Vertical Plane Through Horizontal Angles (0-180)

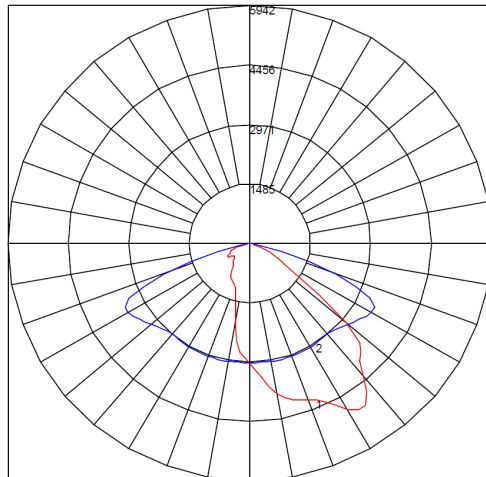
#2 - Vertical Plane Through Horizontal Angles (90-270)



IES ROAD REPORT

PHOTOMETRIC FILENAME : MAGLED MINI ME OPTICS .IES

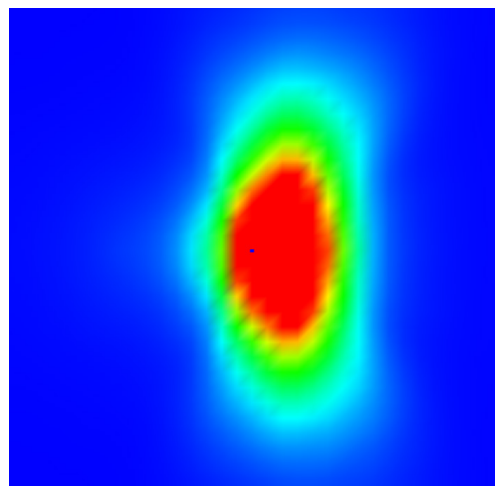
POLAR GRAPH



Maximum Candela = 5941.734 Located At Horizontal Angle = 292.5, Vertical Angle = 55

#1 - Vertical Plane Through Horizontal Angles (0-180)

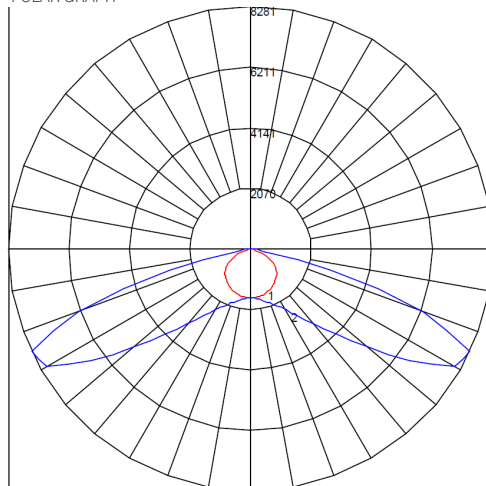
#2 - Vertical Plane Through Horizontal Angles (90-270)



IES ROAD REPORT

PHOTOMETRIC FILENAME : MAGLED MINI T1 OPTICS .IES

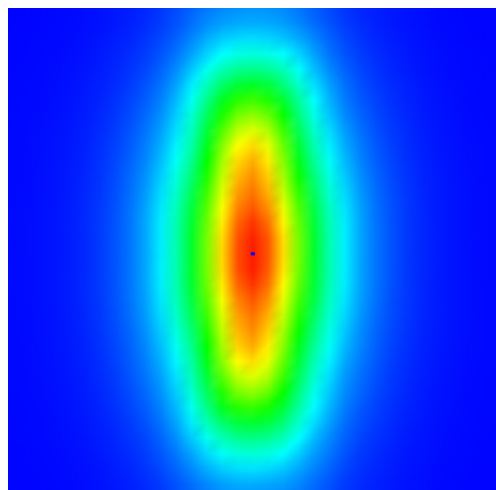
POLAR GRAPH



Maximum Candela = 8281.214 Located At Horizontal Angle = 270, Vertical Angle = 65

#1 - Vertical Plane Through Horizontal Angles (0-180)

#2 - Vertical Plane Through Horizontal Angles (90-270)



ORDERING DATA

	MAGLED MINI BULKHEAD			
PRODUCT CODE	MLEDM020	MLEDM030	MLEDM040	MLEDM050
NOMINAL WATTAGE	20W	30W	40W	50W
NOMINAL FLUX (LM)	3845	5545	6925	8305
NOMINAL EFFICIENCY (LM/W)	192	181	174	166
LUMINAIRE LUMENS (LM)	3076	4436	5540	6644
LUMINAIRE EFFICIENCY RATIO (LER)*	154	145	139	133
COLOR TEMPERATURE	4000K (STANDARD) 2200K/3000K/5000K/6000K (OPTIONAL)			
LED LIFETIME (HOURS) @ TA 25 °C	L _{90B10} > 100 000 HRS			
CRI	>70			
DIFFUSER	Glass - IK08 (Standard) Polycarbonate - IK09/10 (Optional)			
NOMINAL INPUT VOLTAGE	220V-240V (STANDARD) 90V-305V (OPTIONAL)			
OPERATING TEMPERATURE	-20°C to 60°C			
SURGE PROTECTION	10kV (Standard) 20kV (Optional)			
IP RATING	IP66			
WEIGHT (BOX)	3.2KG			

* Values shown are AFTER both Thermal, Optical and Electrical losses.
Output will vary depending on optics utilised. Performance values are subject to ±5% variance

PRODUCT CODE LOGIC

MLED	-	B	XXX	-	X	X	X	-	X	X
Family Name			Wattage		CT	Optics	Mounting		Emergency	Zone Rating
			020 = 20W		2 = 2200K	0 = No Optics	1 = Complete with lugs fitted		0 = Standard	0 = Standard
			030 = 30W		3 = 3000K	1 = T1	B = Stainless steel lugs		E = Emergency	2 = Zone 2
			040 = 40W		4 = 4000K	2 = ME				3 = Zone 21/22
			050 = 50W		5 = 5000K	3 = FT				
					6 = 6000K	4 = T2				
						5 = T4				
						6 = ME Wide				

Due to continuing R&D, the above data may change without prior notice. Please consult us for the latest available options. Warranties subject to our standard terms and conditions of sale. Visit our website for our full product range - www.magnitech.co.za.



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