

MAG45 LED

STAINLESS STEEL BULKHEAD



OVERVIEW



The **MAG45 LED** is a stainless steel bulkhead with a borosilicate glass lens, external mounting lugs on all sides and is both dust and moisture proof, making it ideal for any industrial application requiring high levels of corrosion resistance.



ADVANTAGES

- Stainless Steel (304/316)
- High thermal shock resistant borosilicate glass
- Lifespan L₉₀B₁₀ 100,000 Hrs
- IP66 Rating



APPLICATIONS

- Industrial outdoor lighting
- Corrosive environments
- Conveyor lighting
- Industrial Plant Lighting
- Zone 2, 21 and 22



L₉₀B₁₀
100 000 Hours



IP66
Rated



IK 08/09/10
Protection
Rated up to
IK10



Surge Protection
Standard



Emergency Version
Available



MAGNITECH
LIGHTING INDUSTRIES

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QUALITY



FEATURES & BENEFITS

HINGED FRAME:

6 Spring loaded stainless steel heavy duty retaining clips

DIFFUSER:

High thermal shock resistant borosilicate glass

CABLE ENTRY:

20mm. High temperature SABS approved wiring.

CONTROL GEAR:

SABS approved high power factor

BODY:

Deep pressed grade 304 stainless steel (316 optional)

MOUNTING:

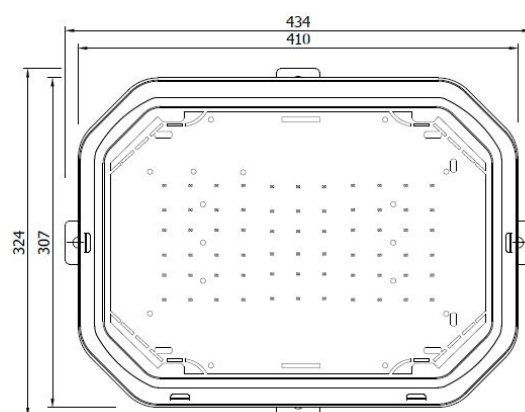
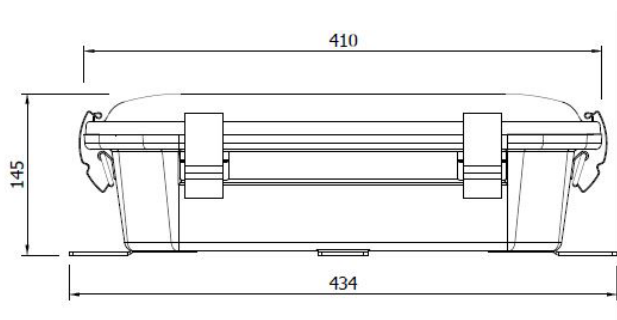
4 X Stainless steel mounting lugs

GASKET:

Silicon closed cell gasket for durability and heat resistance



DIMENSIONS



MOUNTING OPTIONS

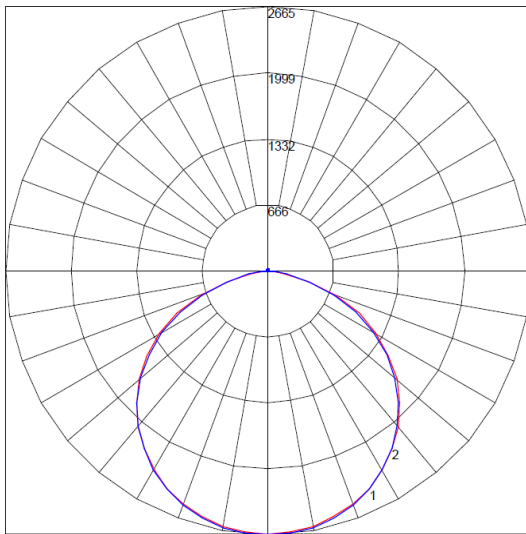
SUFFIX	DESCRIPTION
AV	ANTI VIBRATION MOUNTING
PM	POLE MOUNTING
WM	WALL MOUNTING

SUFFIX	DESCRIPTION
RG	REMOTE GEAR MOUNTING
CA	CROSS ARM MOUNTING
EB	EYEBOLT MOUNTING

PHOTOMETRIC DATA

IES ROAD REPORT
PHOTOMETRIC FILENAME : MAG 45-MURP2 132 LED .IES

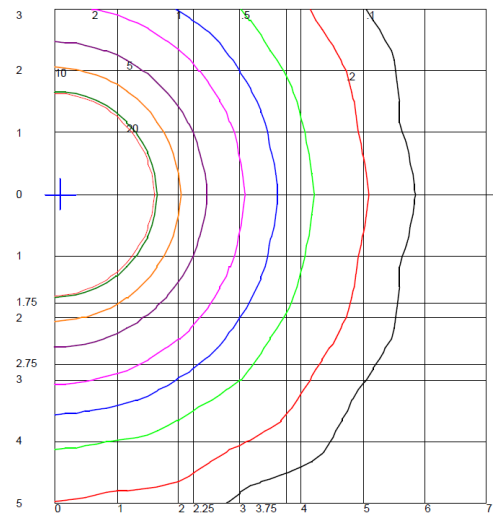
POLAR GRAPH



Maximum Candela = 2664.908 Located At Horizontal Angle = 90, Vertical Angle = 5
#1 - Vertical Plane Through Horizontal Angles (0-180)
#2 - Vertical Plane Through Horizontal Angles (90-270)

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ISOLUX LINES OF HORIZONTAL ILLUMINANCE



Distance in Units Of Mounting Height
Values Based On 3 meter Mounting Height
1/2 Maximum Candela Trace Shown As Dashed Curve
(+) = Maximum Candela Point

ORDERING DATA

	MAG45 LED	
PRODUCT CODE	M45 0333	M45 0555
NOMINAL WATTAGE	34W	50.9W
NUMBER OF LEDS	66	132
LUMEN OUTPUT (±5%)	5457	7845
LUMINOUS EFFICACY (±5%) (AFTER THERMAL LOSSES)	160LM/W	154LM/W
COLOR TEMPERATURE	4000K (Standard) 2200K, 3000K, 5000K, 6000K (Optional)	
LED LIFETIME (HOURS) @ TA 25°C	L90B10 - 100 000 HOURS	
CRI	>70	
DIFFUSER	GLASS	
NOMINAL INPUT VOLTAGE	220V - 240V	
OPERATING TEMPERATURE	-25° C TO 50° C	
SURGE PROTECTION	10kV (Standard), 20kV (Optional)	
IK RATING	IK08 (Borosilicate Thermal Shock Resistant Glass Lens)	
IP RATING	IP66	
WEIGHT (BOX)	5KG	
OPTIONAL EXTRAS	EMERGENCY VERSION AVAILABLE (35W & 50W VERSIONS ONLY) 30°, 60°, 90°, Oval, Asymmetric	

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

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.



MAGNITECH
LIGHTING INDUSTRIES (PTY) LTD



21 RAEBOR ROAD BENROSE JOHANNESBURG 2094
P.O. BOX 27129 JEPPESTOWN 2043

T: +27 (0)11 618 2720 F: +27 (0)11 614 9603
E: SALES@MAGNITECH.CO.ZA
W: MAGNITECH.CO.ZA