

MAGIS

DIE CAST ALUMINIUM FLOODLIGHT



OVERVIEW

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

APPLICATIONS

- Industrial lighting
- Outdoor lighting
- Security 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 60079-31 (Zone 21, 22)

PROTECTOR:

High thermal shock
resistant glass

SURGE PROTECTION

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

LIGHT DISTRIBUTION:

Various light distributions
available

LIGHT ENGINE:

High power 5050 LED's

TAMPER-PROOF FRAME:

6 Stainless steel allen head screws

GASKET:

Silicon closed cell gasket ensures IP66 ingress protection

HOUSING:

AC44300 (LM6) Marine Grade Aluminium

CABLE ENTRY:

20mm cable
entry

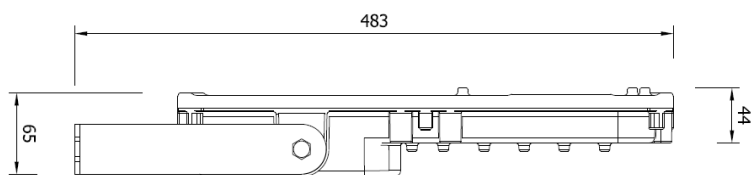
LED DRIVER COMPARTMENT:

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

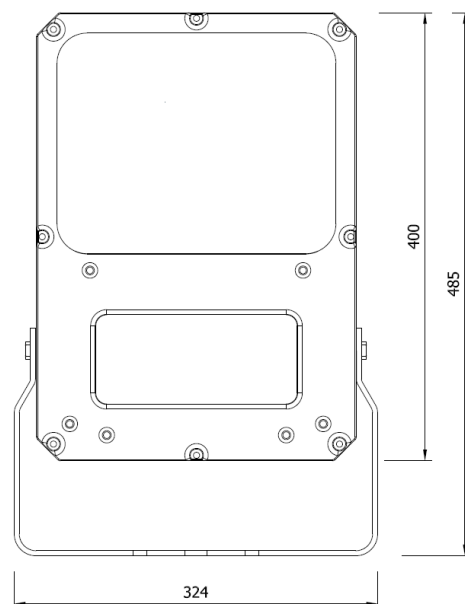
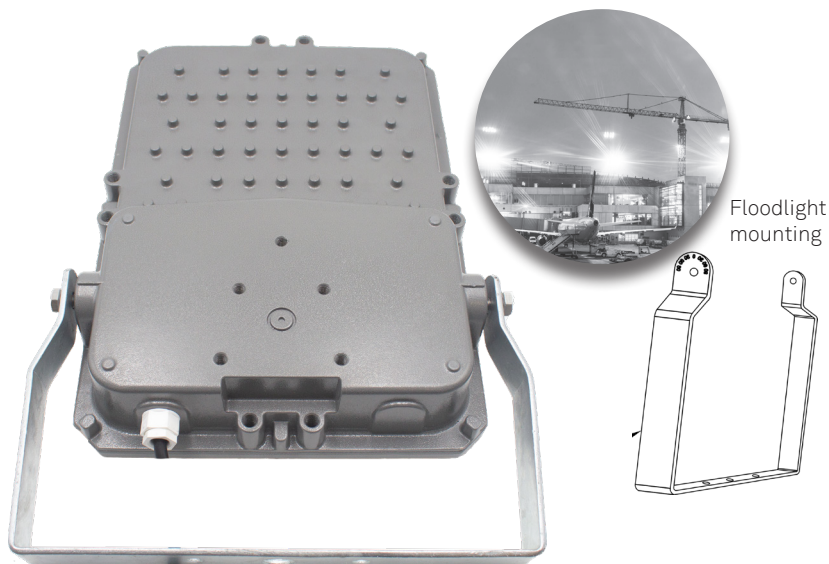
MOUNTING BRACKET:
HDG floodlight mounting
bracket. Stainless steel
optional.



DIMENSIONS

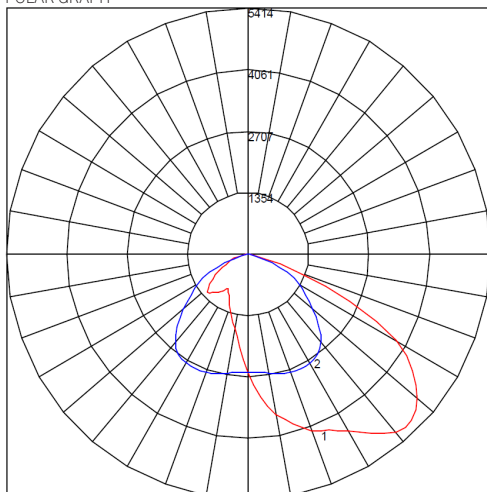


Description	Length	Width
MAGIS (Flood Mounting)	485mm	324mm

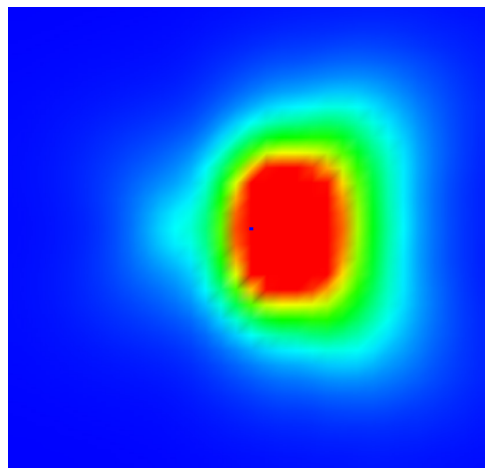


PHOTOMETRIC DATA

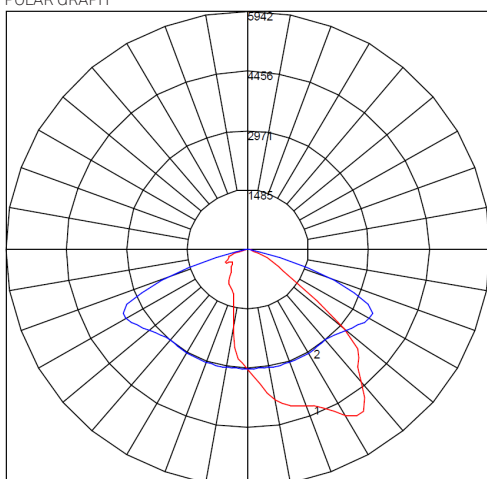
IES ROAD REPORT
PHOTOMETRIC FILENAME : MAGIS T4 OPTICS.IES
POLAR GRAPH



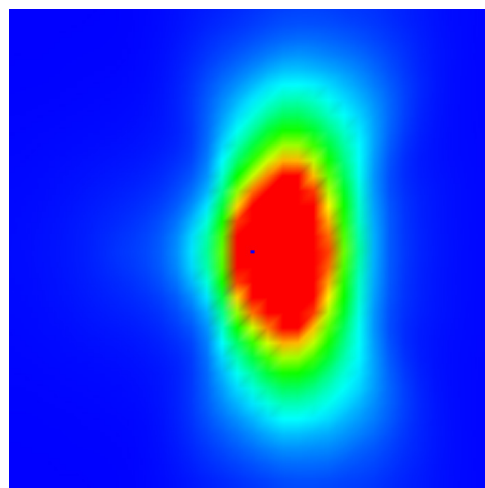
Maximum Candela = 5414.313 Located At Horizontal Angle = 330, Vertical Angle = 45
#1 - Vertical Plane Through Horizontal Angles (0-180)
#2 - Vertical Plane Through Horizontal Angles (90-270)



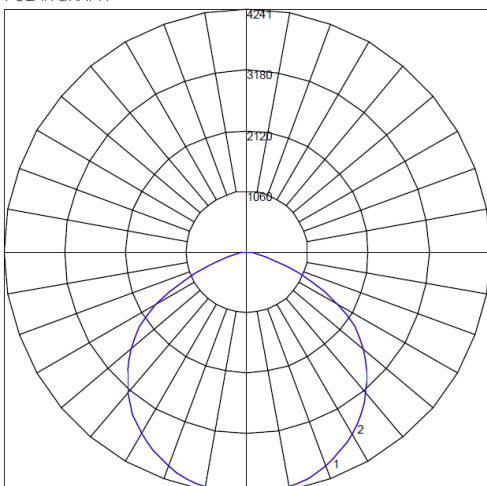
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PHOTOMETRIC FILENAME : MAGIS ME OPTICS.IES
POLAR GRAPH



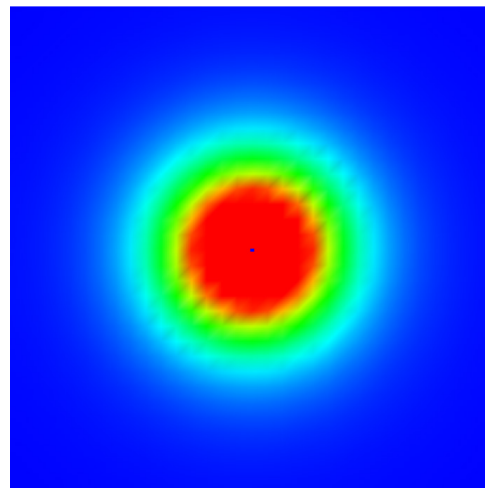
Maximum Candela = 5941.734 Located At Horizontal Angle = 292.5, Vertical Angle = 55
#1 - Vertical Plane Through Horizontal Angles (0-180)
#2 - Vertical Plane Through Horizontal Angles (90-270)



IES ROAD REPORT
PHOTOMETRIC FILENAME : MAGIS GENERAL FLOODLIGHT .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)



ORDERING DATA

	MAGIS				
PRODUCT CODE	MLEDM040	MLEDM060	MLEDM080	MLEDM100	MLEDM120
NOMINAL WATTAGE	40W	60W	80W	100W	120W
NOMINAL FLUX (LM)	7690	11090	13850	16610	17878
NOMINAL EFFICIENCY (LM/W)	192	185	173	166	149
*LUMINAIRE OUTPUT FLUX (LM)	6229	8983	11219	13454	14481
LUMINAIRE OUTPUT RATIO	156	150	141	136	132
NUMBER OF LEDS	16	24	24	24	24
COLOR TEMPERATURE	4000K (STANDARD) 2200K/3000K/5000K/6000K (OPTIONAL)				
LED LIFETIME (HOURS) @ TA 25 °C	L90B10 > 100 000 HRS				
CRI	>70				
DIFFUSER	Glass - IK08 (Standard) Polycarbonate - IK09/10 (Optional)				
NOMINAL INPUT VOLTAGE	220V-240V (STANDARD) 90V-305V (OPTIONAL)				
OPERATING TEMPERATURE	-40°C to 55°C				
SURGE PROTECTION	10kV (Standard) 20kV (Optional)				
IP RATING	IP66				
WEIGHT (BOX)	5.3KG				

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

PRODUCT CODE LOGIC

MLED	-	M	XXX	-	X	X	X	-	X	X
Family Name			Wattage		CT	Optics	Mounting		Emergency	Zone Rating
			040 = 40W		2 = 2200K	0 = No Optics	2 = Trunion arm HDG		0 = Standard	0 = Standard
			060 = 60W		3 = 3000K	2 = ME	8 = Trunion arm 304 S/S		E = Emergency	2 = Zone 2
			080 = 80W		4 = 4000K	3 = FT	9 = Trunion arm 316 S/S			3 = Zone 20/21
			100 = 100W		5 = 5000K	5 = T4				
			120 = 120W		6 = 6000K	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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SABS
ISO 9001

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