



LED HIGH MAST LIGHT (Y02)



Product Description

- High Strength aluminum material, surface treatment finishing of self cleaning and anti corrosion.
- Integrated housing design with aluminum module heat sink to allow for excellent heat Dissipation.
- Power range available from 250W ~ 1000W
- Professional Optical Len design, High performance luminous efficacy.
- Multiple Beam angle for different application.
- High Brightness at >140 LM/W with Original Osram / Cree Chips, certified LM80 & TM-21 is available.

Electrical & Mechanical Protection Function

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|--|--|
| ✓ Output over - Voltage Protection | ✓ Ingress Protection: IP65 |
| ✓ Output over - Current Protection | ✓ Impact Protection: IK08 |
| ✓ Short Circuit Protection | ✓ Full set of Stainless-steel screw use. |
| ✓ Over Temperature Protection | ✓ Full set of waterproof connector use. |
| ✓ Surge Protection- Line-Earth 10KV,
Line-Line 5KV. | ✓ Anti UV and Fireproof Optical PC Len. |

Remarks:

Detail and specification are current at the time of publication but may be changed without prior notice

Model & Specification

Model	EGE-HM250-Y02	EGE-HM500-Y02	EGE-HM750-Y02	EGE-HM1000-Y02
Input Voltage	100V~277VAC			
Frequency	50/60 Hz			
Power Rating	250W	500W	750W	1000W
Power Factor	≥ 0.95			
Operation Current	1.1A	2.2A	3.15A	4.2A
Working Temp	-30° C +50° C			
THD	≤ 20%			
Luminous Efficiency	140 LM/W ±5%			
Luminous Flux	35000LM	70000LM	105000LM	140000LM
Power Efficiency	> 93%			
CRI	Ra ≥ 70			
Color Temp	3000K/ 4000K/6000K			
Driver Source	Osram / Moso / Mean Well.			
LED Source	Osram / Cree / Lumileds			
Dimension (MM)	440*495*230	620*495*230	800*495*230	980*495*230
Net Weight	8.8±1.0Kg	13.0±1.0Kg	18.0±1.0Kg	22.0±1.0Kg
Ingress Protection	IP 65			
Beam Angle	10°, 25°, 60° , 90°.*120°			
Dimension (520W)			Installation Bracket Dimension	

Fixture Color	Black		
	Aluminum Alloy / PC		
	>50000Hrs(Ta=30°C@L70)		

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