



300-900W

NASON HIGH MAST LIGHT

High conductive
Phase-change
Cooling system



MAIN FEATURES & APPLICATIONS

- ▲ higher conductive phase-change thermal management system to dissipate heat generated efficiently
- ▲ CREE LEDs with latest package technologies
- ▲ High fixture efficacy, 105LPW @ 5000K
- ▲ High transmittance optic lens pairing with reflective cup for better lighting distribution
- ▲ 10/20KV surge protection device available
- ▲ Aero superior extruded aluminum heat sink housing, superior thermal conductive coating
- ▲ Heavy-duty anti-corrosion surface treatment for all-round protection
- ▲ Durability, IP65 driver, IP65 fixture
- ▲ 65%-75% energy saving, short ROI period
- ▲ Up to 50,000hrs @ L70, lowest maintenance cost
- ▲ RoHS compliant, Environmental friendly, no mercury or lead, 100% recyclable
- ▲ Available from 2700K, 3000K, 4000K, 5700K and 6500K
- ▲ For area lighting for interior and exterior applications: e.g. airport, golf course, factories, plants, warehouse, exhibition halls, gym, seaport, highway, high mast lighting and etc.



NASON SERIES LED HIGH MAST LIGHT

NASON series LED high mast lights have exquisite design, smooth surface line with robust die-casted housing and heavy duty anti-corrosive surface treatment for sparking the beauty and improving lighting conditions of applied area. NASON series high mast lights are well designed in optic solution, combine optic glass lens and reflective cup to have light concentrated and reduce light wasted.

Optimized thermal management solution: The innovative engineered NASON LED high mast light is designed with a patented phase-change thermal management system to maintain high efficient control on LED's junction temperatures. The round telescopic shaped heat sink utilizes a chimney effect to convect the heated air away from semiconductor. The heat sink creates its own airflow inside the cylinder as heated air goes up. The thermal energy of heated air is subsequently absorbed by aluminum heat sink and dissipated into the ambient air. The redundant thermal design ensures no excessive heat accumulation in the p-n junction to degrade system's performance and reliability, plus thermal conductive coating to shorten thermal dissipating path and guarantee the thermal dissipation faster and efficiently.

High quality solid light source: CREE highest efficacy LEDs with latest package technologies and enhanced with high efficient Meanwell power supplying solutions, NASON series LED high mast lights can achieve 105lm/W luminous output.

Professional optic design: NASON series is designed for field using and optimized in optic designs for different field applications, the optic designs is ranged from 15° to 60° to cover narrowest and wide beam angle, plus reflective cup design to cutoff lights upward to maximize the lumens on where it should be lit up and evenness and minimize lighting pollution to nature and human life.



HMB400 | 400W
HMB500 | 500W
HMB600 | 600W
HMB800 | 800W
HMB900 | 900W

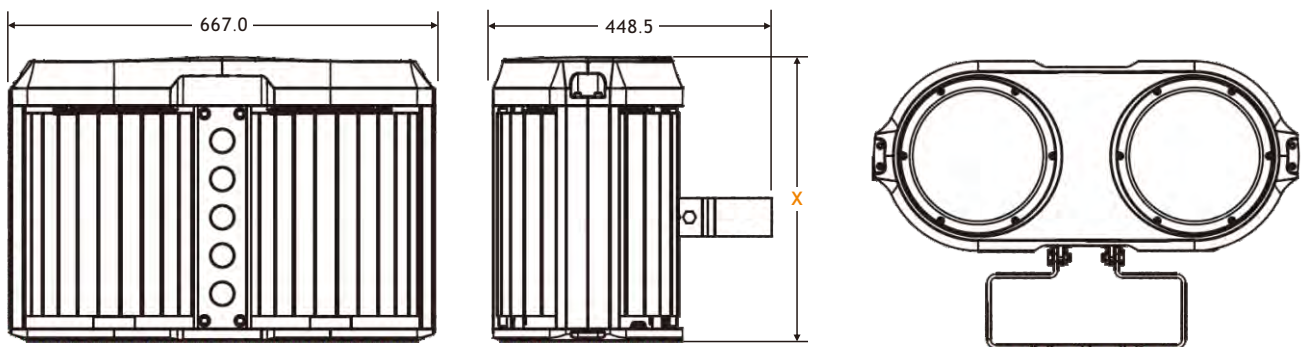




SPECIFICATIONS

Model:	HMB300	HMB400	HMB500	HMB600	HMB800	HMB900
Light Source:	CREE SMD LEDs					
Rated Power:	300W	400W	500W	600W	800W	900W
Voltage:	90-305 VAC 50/60Hz					
Power Factor:	>0.95	>0.95	>0.95	>0.95	>0.95	>0.95
THD:	<15%	<15%	<15%	<15%	<15%	<15%
LED Color: CCT:	2700/3000/4000/5000K/5700K/6500K					
Fixture Efficacy (typ):	105lm/W	105lm/W	105lm/W	105lm/W	105lm/W	105lm/W
Luminous Flux (typ):	31,500lm	42,000lm	52,500lm	63,000lm	84,000lm	94,500lm
CRI (Ra):	>70	>70	>70	>70	>70	>70
Beam Angle:	15/30/60 deg.			15/60/90 deg.		
Thermal System:	High pure alu-alloy extruded thermal core heat sink					
Lifespan (L70):	>50,000 hrs					
Power Supply:	Meanwell (5 year warranty)					
IP Rating:	IP65	IP65	IP65	IP65	IP65	IP65
Operation Temp.:	-30°C ~ +50°C					
Work Humidity:	10% ~ 90%					
Surge Protection:	10KV current surge available					
Materials:	Aluminum alloy + PC optic lens + Tempered glass					
IK Rating:	IK08	IK08	IK08	IK08	IK08	IK08
Weight:	25kg	25kg	26kg	26kg	28kg	28kg
Certificates:	CE /RoHS/UL(400/500/600W)					

DIMENSIONS



X:274mm-300/400W | X:334mm-500/600W | X:445mm | 800/900W