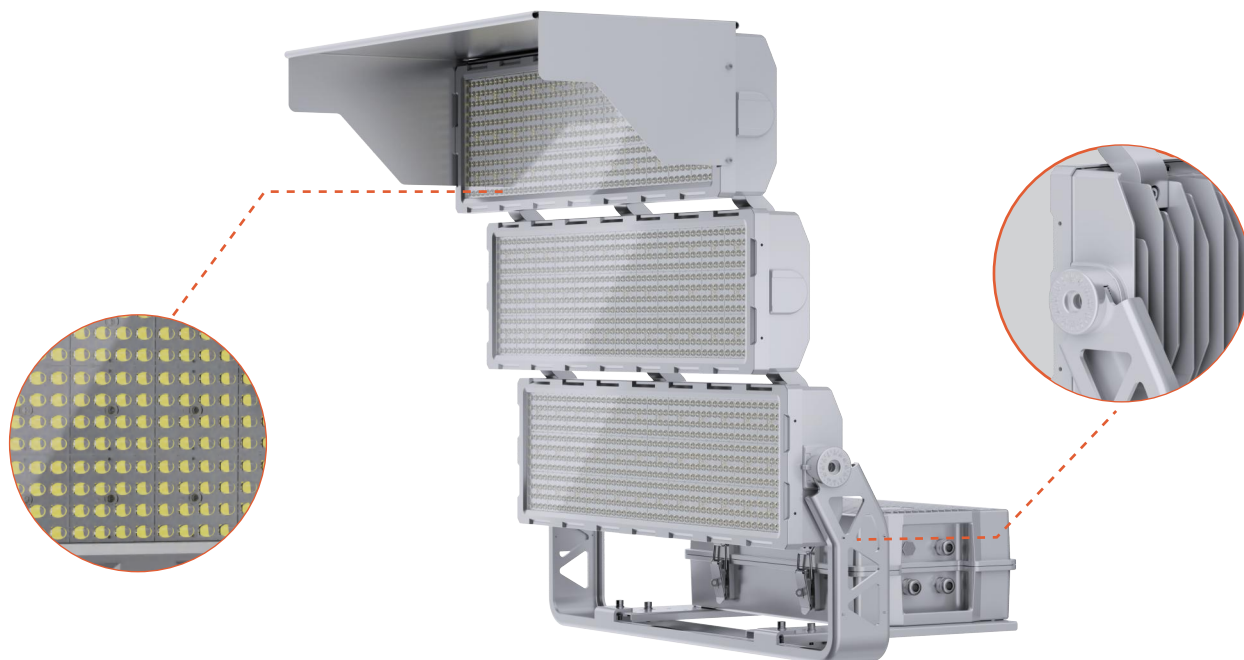


Eagle | Highmast Light

500W/ 750W/ 1000W/ 1500W



Highmast light is a lighting device installed at a higher position, usually used for lighting open areas such as football stadiums, roads, squares, parking lots, etc. It consists of a lamp post, lighting fixtures, and an electrical control system. This highmast light has a unique modular design, Customers can freely assemble lamp modules to achieve different wattages according to their project requirements. There are also a variety of symmetrical and asymmetrical optics to choose from, which can achieve the optimal illumination and uniformity for the project.

STANDARDS/CERTIFICATES

- | | |
|--------------------|----------------|
| ◀ IEC 60598-1 | ◀ EN 61000-3-3 |
| ◀ IEC 60598-2-1 | ◀ EN 60598-2-5 |
| ◀ EN IEC 55015 | ◀ EN IEC 62031 |
| ◀ EN 61547 | ◀ EN 62493 |
| ◀ EN IEC 61000-3-2 | ◀ IEC TR 62778 |

SILVAIR

Bluetooth

CASAMBI

Product data

General Information

Light source engine type	LED
Driver included	Inventronic
Lifetime	L70B10 >108.000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	5 years

Operating and Electrical

Input Voltage / Frequency	180-528V, 50~60Hz
Electrical class	Class I
Power factor (at full load)	>0.95
Surge Protection	Luminaire surge protection level until 10 kV differential mode and 10 kV common mode

Light Technical

Luminous Efficacy (rated) (Nom)	170lm/w
Wattage	500W/750W/1000W/1500W
Luminous Flux	85000/127500/170000/255000LM
Upward light output ratio (ULR)	Between 0.00% and 0.35%
General ingress protection	Luminaire: IP66 (EN IEC 60598-1)
Protection against impacts	IK08 (IEC 62262)
Color rendering index (CRI)	>70
LED colour temperature	3000K/4000K/5000K/5700K/6500K
Optical cover type	Symmetric and Asymmetric
Photometric distributions	20°/30°/45°/90°/100°/60°/T2M/T3M-B / P30/P45/P50
Total harmonic distortion	<8% (220Vac/50Hz, Full load, 25 °C)
McAdam ellipse	≤5
Ambient temperature range	-40~+45 °C

Controls and Dimming

Devices	DALI-2 and D4i or 0/1-10V, PWM, Passive Resistance dimming
Cables	No AC

Mechanical and Housing

Housing Material	ADC12
Optic material	PC/PMMA
Housing Color	RAL9006

Maintenance and Assembly

Installation methods	Fixed installation of bracket
Accessories	Laser Sight (for option)

Accessory



Driver box



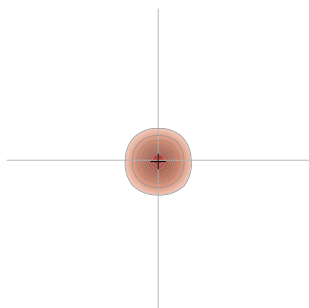
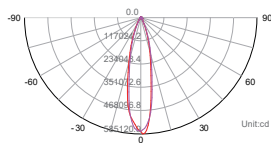
Laser pen



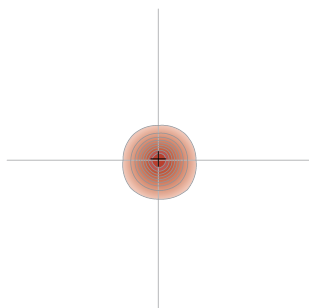
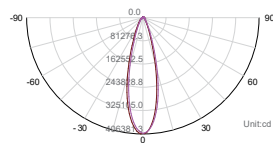
Laser Sight aiming device with distance range maximum 1000m

Light distribution angle

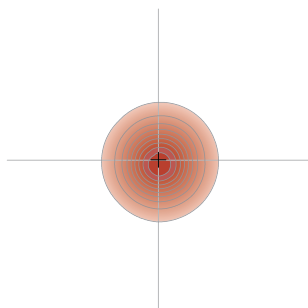
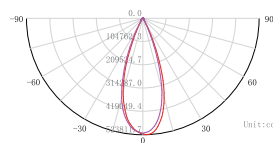
Optical options: **20°**



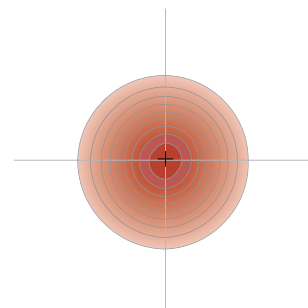
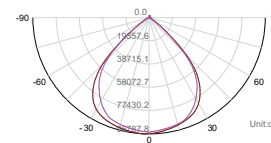
Optical options: **30°**



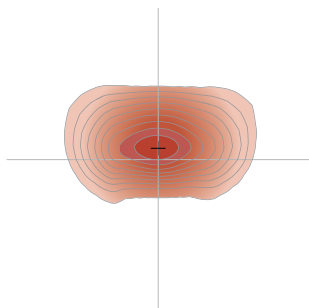
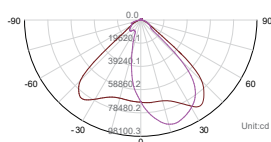
Optical options: **45°**



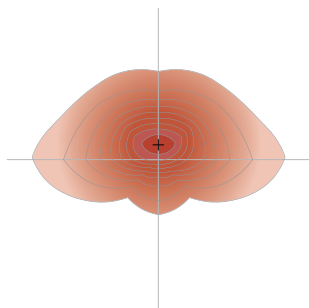
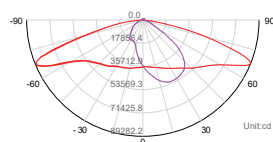
Optical options: **90°**



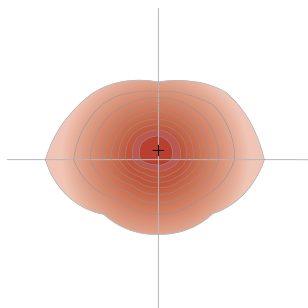
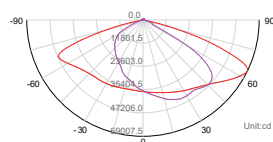
Optical options: **100°60°**



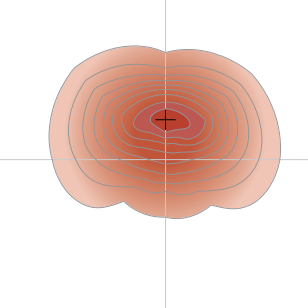
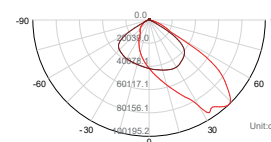
Optical options: **T2M**



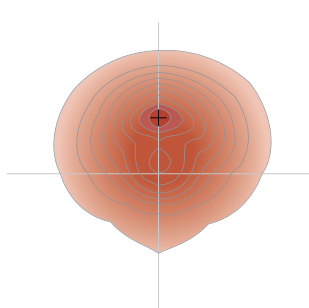
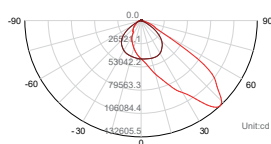
Optical options: **T3M-B**



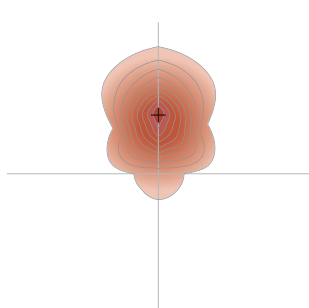
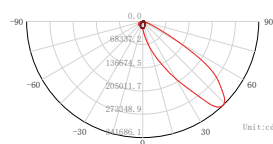
Optical options: **P30**



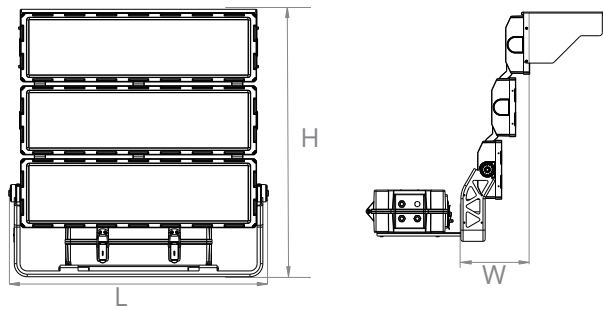
Optical options: **P45**



Optical options: **P50**



Package



Model	Dimension(mm)			Outer Carton(mm)			QTY/ CTN	NW(kg)	GW(kg)
	L	W	H	L	W	H			
HM500LE1I-CI	723	131	335	850	445	230	1	12.50	14.00
HM750LE2I-CI	723	176	536	850	630	230	1	19.90	21.60
HM1K0LE2I-CI	723	176	536	850	630	230	1	19.60	21.60
HM1K5LE3I-CI	723	221	737	850	835	230	1	27.50	30.00

Inventronics driver box package

Model	Outer CTN Size(mm)			QTY/ CTN	NW(kg)	GW(kg)
	L	W	H			
HM500LE1I-CI	480	300	200	1	7.10	8.70
HM750LE2I-CI	480	300	200	1	7.10	8.70
HM1K0LE2I-CI	480	300	200	1	7.70	9.30
HM1K5LE3I-CI	480	300	200	1	11.00	12.60



Container	Model	QTY/Container
20GP	500W	260PCS
20GP	750W	150PCS
20GP	1000W	150PCS
20GP	1500W	140PCS



Container	Model	QTY/Container
40GP	500W	550PCS
40GP	750W	300PCS
40GP	1000W	300PCS
40GP	1500W	290PCS

Application

