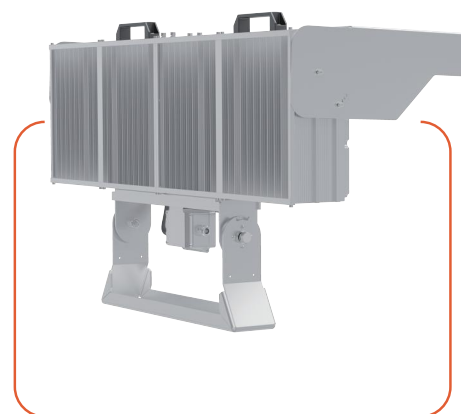


Sniper

Highmast
Light

500W/600W/750W/1000W/1200W/



Professional high mast light is required more and more for applications of sport field as it influences players' performance and contributes to the proper arbitrage. Spectators should enjoy the match safely and without inconvenience caused by glare effects or an uneven light. Our optical system has been designed to ensure high power but minimize glare. And visor system is used to avoid back light and spill light.

STANDARDS/CERTIFICATES

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



General Information

Light source engine type	LED
Driver included	Inventronic
Lifetime	L70B10 >144,000hr Light maintenance assessments to TM-21 based on LM-80 data.
Warranty	7 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

Controls and Dimming

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

Maintenance and Assembly

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

Accessory



Electrical cabinet



Visor



Laser pen



Laser Sight aiming device with distance range maximum 1000m

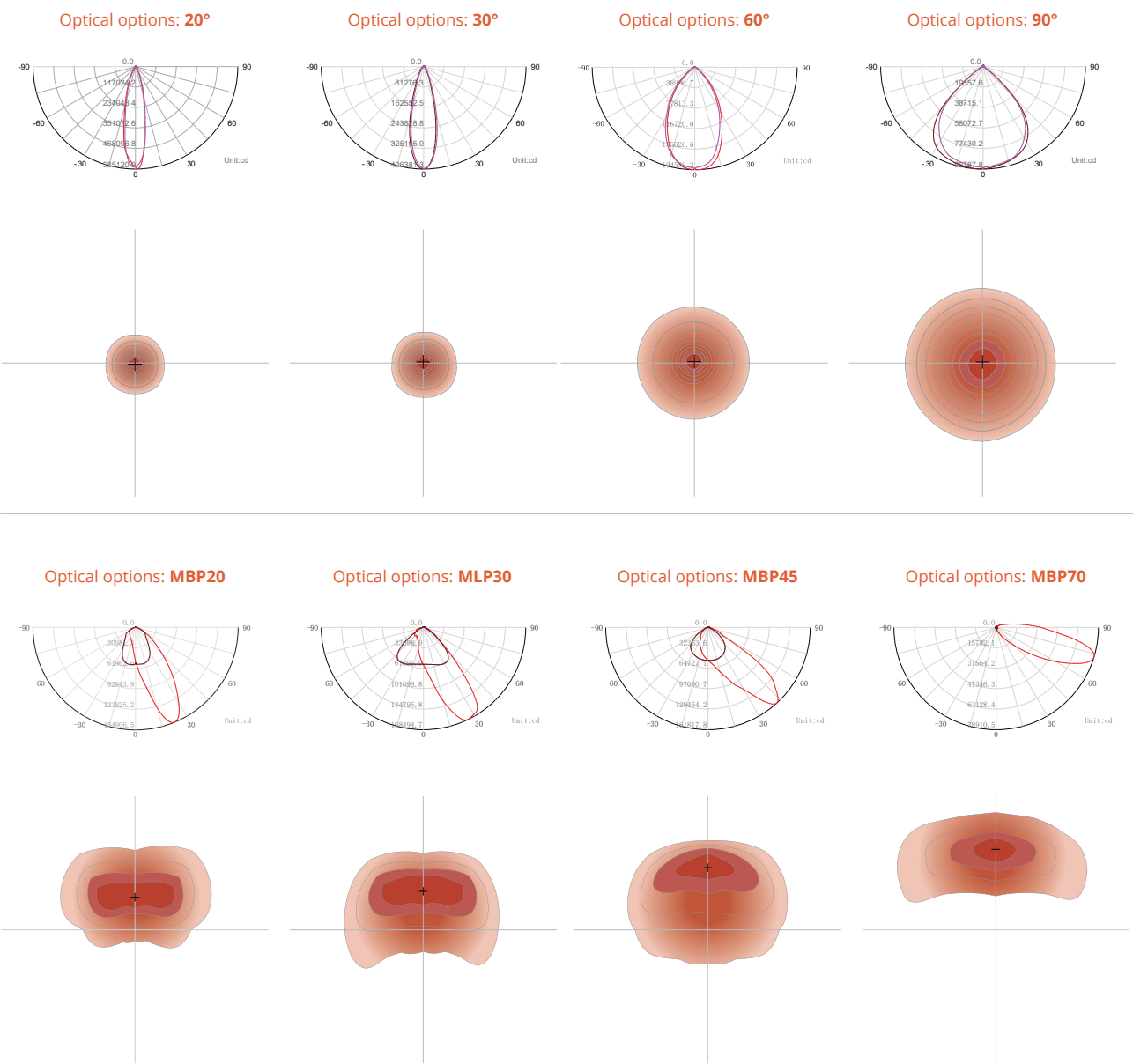
Light Technical

Luminous Efficacy (rated) (Nom)	160-170lm/w
Wattage	500W/600W/750W/1000W/1200W
Luminous Flux	85000/102000/120000/170000/ 204000LM
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°/60°/90°/MBP20/ MLP30 / MBP45 /MBP70 (750W without P70/P20 angle)
Total harmonic distortion	<8% (220Vac/50Hz, Full load, 25 C)
McAdam ellipse	≤5
Ambient temperature range	-40~+45 C

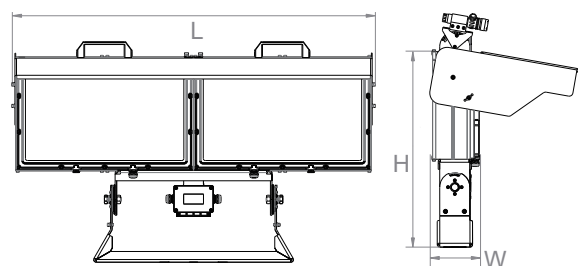
Mechanical and Housing

Housing Material	AL 6063
Optic material	PC/PMMA
Housing Color	RAL9006

Light distribution angle



Package



Model	Dimension(mm)			Outer Carton(mm)			QTY/ CTN	NW(kg)	GW(kg)
	L	W	H	L	W	H			
HM500SE1G-CI	470	127	520	560	235	615	1	14.80	16.30
HM600SE1G-CI	470	127	520	560	235	615	1	14.80	16.30
HM750SE1G-CI	470	127	520	560	235	615	1	14.80	16.30
HM1K0SE2G-CI	920	127	558	1010	235	655	1	27.50	29.60
HM1K2SE2G-CI	920	127	558	1010	235	655	1	27.50	29.60

Driver

Model	Outer Carton(mm)			QTY/ CTN	NW(kg)	GW(kg)
	L	W	H			
HM500SE1G-CI	480	300	200	1	7.10	8.70
HM600SE1G-CI	480	300	200	1	7.10	8.70
HM750SE1G-CI	480	300	200	1	7.10	8.70
HM1K0SE2G-CI	480	300	200	1	7.10	8.70
HM1K2SE2G-CI	480	300	200	1	7.70	9.30



Container	Model	QTY/Container
20GP	500W	170PCS
20GP	600W	170PCS
20GP	750W	170PCS
20GP	1000W	110PCS
20GP	1200W	110PCS



Container	Model	QTY/Container
40GP	500W	350PCS
40GP	600W	350PCS
40GP	750W	350PCS
40GP	1000W	240PCS
40GP	1200W	240PCS

Application

