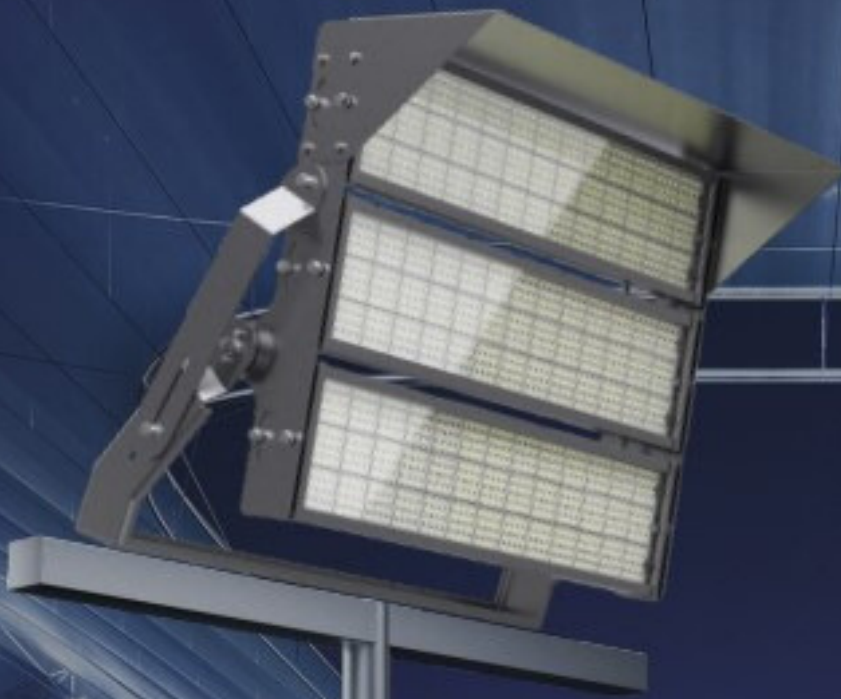




Professional high mast light is required more and more for applications of exterior stadium where not only lux on ground is asked, but also homogeneity, small beam angle, long lifetime and UV resistance are even more important. "PROLUX" is the ideal solution. Our design team works to achieve optimum uniformity and maximum lux levels by using tailored lights, lenses and visor system to provide the correct distribution of light for your courts. It not only increases the performance of players, but also the atmosphere of the match.



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160LM/W



Laser Sight

Quick-installed laser sight is provided to minimize installation time and lower labor cost.



60°

90°/180°



Bracket Adjustable

Each module is fixed on a rotatable bracket which makes it have a 60° rotating range, and the whole fixture can be 180° adjusted.



Visor

Visor is used to shield upward light so that the glaring and light pollution are much lower.

Lifting Handle

Lifting handle is fix on the top of the light, enabling the user to carry and install the fixture.





After 5 years



After 2 years



PMMA lens, with glass in front
Best UV resistance

PC Lens, without glass
Low UV resistance



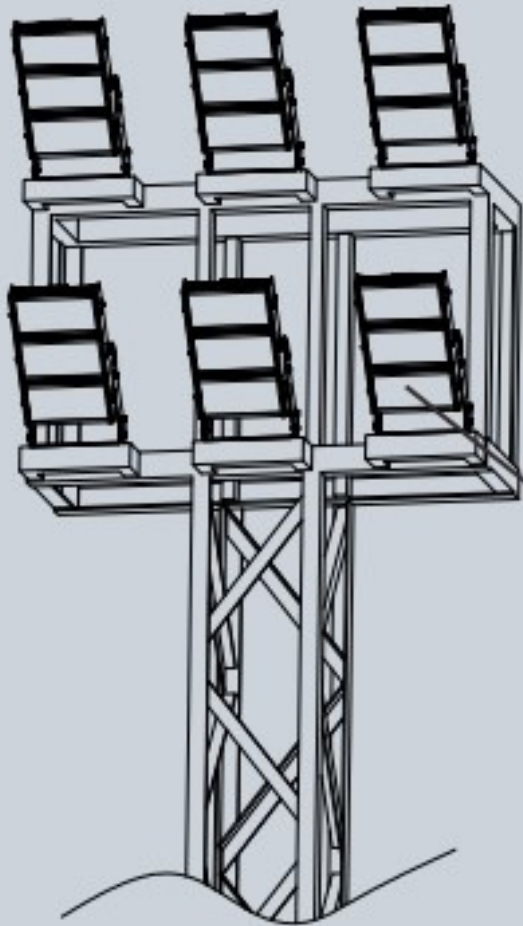
HD TV broadcasting

CRI > 90

TLCI > 90

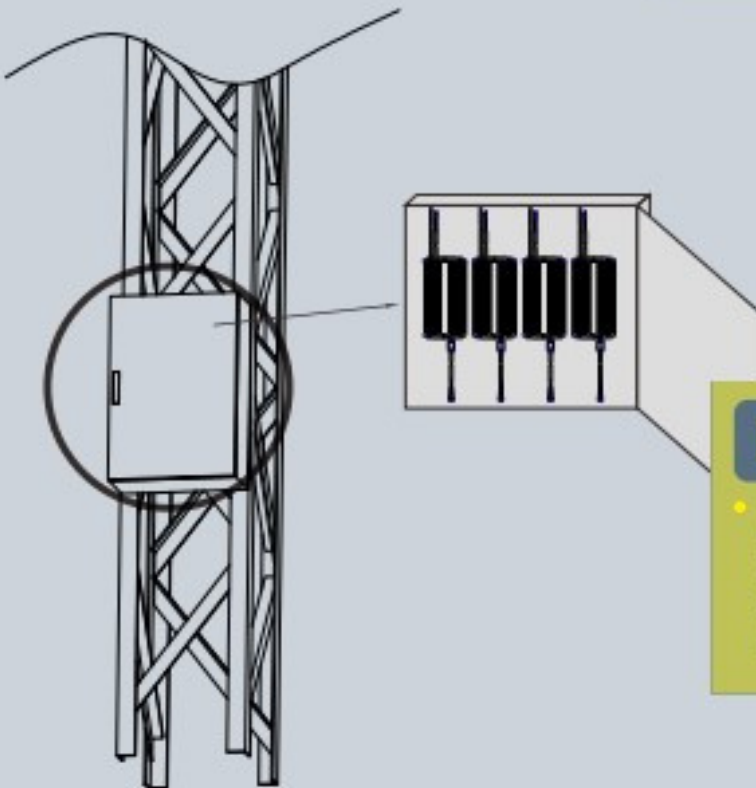
Flicker free

Easy Maintenance



TVS protection

With TVS on PCB (Transient Voltage Suppressor)
1500w peak pulse capability with at 10/1000us waveform
Protecting LEDs from voltage transient induced by lightning



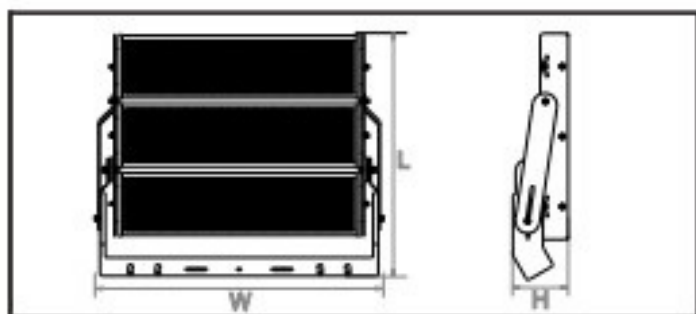
Driver External

Less Weight
Power decay less than 2w of 25m distance
High power driver, 300w/600w/1200w per unit
Easy to replace the driver



Features

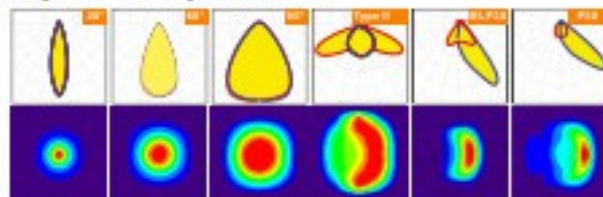
Housing: Pure Aluminum A6063
 Thermal Conductivity: 226 W/m·K
 Led: CREE JK3030&5050
 CRI: Ra>70 (80/90 for option)
 SDCM: <6
 Power Factor: >0.95
 THD: <15
 Driver: Inventronic
 Driver Efficiency: >90%
 Protection: OTP, OCP, OVP, SCP
 Surge Protection: 10KV
 Waterproof: IP66
 Impact Test: IK08
 Electrical: 220-240V, 50/60Hz
 Operating Temperature: -40~50°C
 TM21: L90B10>50,000H
 Lifetime: 50,000H



Functions

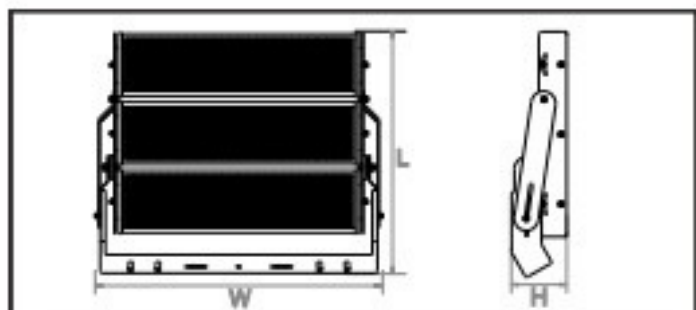
ZigBee · PWM · DALI · 0/1~10V · DMX

Optical options:



Model	Module	Watt	Voltage	Lumen	CRI	IP	Dimension
HM500PE1I-CI	500W Module x1	500W	100~277V	80000LM	>70	IP66	721*315*158
HM600PE1I-CI	600W Module x1	600W	100~277V	96000LM	>70	IP66	721*315*158
HM1K0PE2I-CI	500W Module x2	1000W	220~240V	160000LM	>70	IP66	810*502*158
HM1K2PE2I-CI	600W Module x2	1200W	220~240V	192000LM	>70	IP66	810*502*158
HM1K5PE3I-CI	500W Module x3	1500W	100~277V	240000LM	>70	IP66	810*704*158
HM1K8PE3I-CI	600W Module x3	1800W	100~277V	288000LM	>70	IP66	810*704*158

Packing



Luminaire

Model	Dimension (mm)	Outer Carton(mm)			QTY / Outer CTN	Luminaire	
		L	W	H		NW(kg)	GW(kg)
HM500PE1I-CI	721*315*158	965	265	480	1	11.50	16.00
HM600PE1I-CI	721*315*158	965	265	480	1	11.50	16.00
HM1K0PE2I-CI	810*502*158	965	265	665	1	21.00	26.00
HM1K2PE2I-CI	810*502*158	965	265	665	1	21.00	26.00
HM1K5PE3I-CI	810*704*158	965	265	865	1	27.50	34.00
HM1K8PE3I-CI	810*704*158	965	265	865	1	27.50	34.00

Driver

Model	Dimension (mm)	Outer Carton(mm)			QTY / Outer CTN	Driver	
		L	W	H		NW(kg)	GW(kg)
600W Driver	250*144*48.5	435	370	158	4	14.00	17.50
1200W Driver	285*141*48.5	540	355	173	4	15.20	18.70