



IK08 IP66



MODULAR R SERIES SPECIFICATION



INTRODUCTION

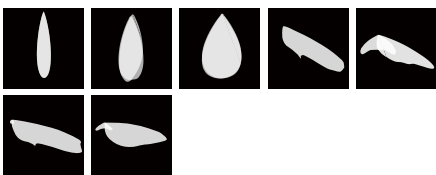
Patented MODULAR R series LED sports lights have an elegant appearance with die-cast modules, IK rating is IK08

Vertically and horizontally rotatable heat sink design makes every module flexibly targeting to specified point to get much better light uniformity on sports field.

Upward light ratio=0 for light fixture with symmetrical beams and spill covers

Upward light ratio=0 for light fixture with asymmetrical beams

Optional long distance wireless control system and DMX control system



SPECIFICATIONS

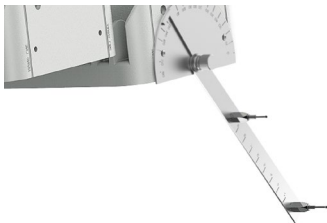
Input Voltage	AC90-305V/AC108-528V	Housing	Aluminum
LED Brand	Lumileds 5050	Rotatable Modular Design	Vertically 80°+horizontally180°
CRI	70 80 90	Wattage/Module	Symmetrical: 180W Asymmetrical: 150W
Operating Temp	-40°C To 55°C	Dimming Solutions	0-10V Dimming, DALI, DMX, clo, Zigbee
Power Factor	>0.95	CCT	3000K 4000K 5000K 5700K 6500K
Warranty	5 Yrs Warranty	Wireless Control	Available
IP Rate	IP66	Beam Angle	20°, 40°, 60°, asymmetric A60, A60W, A70, A70W
Bracket	Aluminum	Driver	INVENTRONICS, MEANWELL, SOSEN
IK Rate	IK08	Windload Test	17 class windload(56.1-61.2m/s, 240kg/square meter)
Optional Accessories	Spill Cover, Angle Rubler Sight, SPD, Seperated Driver Box, Zigbee Gateway, Zigbee Controller, Zigbee Wall Switch		
L70 Hour	>100.000h		

MODEL	MDL-R-600W Asymmetrical	MDL-R-720W Symmetrical	MDL-R-900W Asymmetrical	MDL-R-1080W Symmetrical	MDL-R-1200W Asymmetrical	MDL-R-1440W Symmetrical	MDL-R-1500W Asymmetrical	MDL-R-1800W Symmetrical
WATTAGE	600W	720W	900W	1080W	1200W	1440W	1500W	1800W
MODEL QTY	4	4	6	6	8	8	10	10
LUMEN EFFICIENCY	145LM/W	170LM/W	145LM/W	170LM/W	145LM/W	170LM/W	145LM/W	170LM/W
LUMEN OUTPUT	87000LM	122400LM	130500LM	183600LM	174000LM	244800LM	217500LM	306000LM

remark: lumen output varies by the beam angles, CCT, CRI, etc, please contact us to get more specific data if needed

Patented Angle Ruler Sight

Patented angle ruler sight helps modules with asymmetric lenses targeting to specified points on sports field, quick module setting

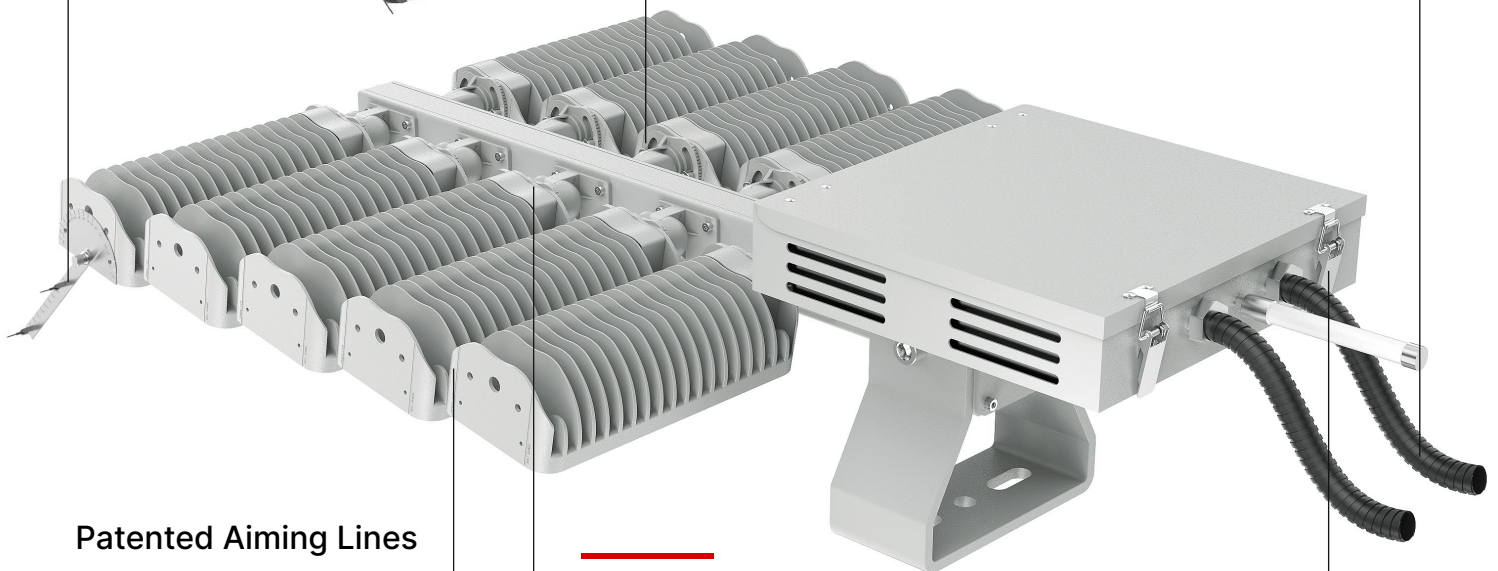


Stainless Steel Conduit

Protect the cable from any potential damage , like bird, rugged weather etc.

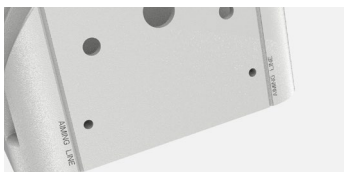
Rotatable Modular Design

Each module can be rotated vertically 80°+ horizontally 180°, bringing more flexible lighting solutions and more precise light targeting.

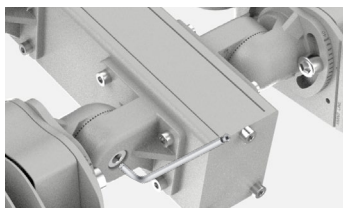


Patented Aiming Lines

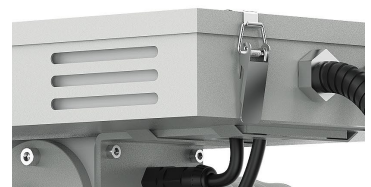
Patented aiming lines help modules with symmetric lenses targeting to specified points on sports field



Same size of L shape screw driver to turn modules up and down, left and right, quick module setting



Toggle clamps on driver box, easy to open



DMX Control Entertainment System

DMX entertainment system is designed to provide different flashing effects to players and fans.

No Wires Exposed To Avoid Bird Pecking

Long Distance Wireless Control System

OBTRUSIVE LIGHT CONTROL SYSTEM



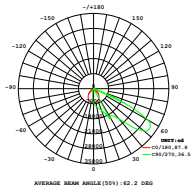
MODULAR-R series LED sports light delivers precise asymmetric light distributions, unique backlight cut-off control avoid spill light in the neighborhood, that makes MODULAR-R LED sports lights the best choice for high residential area and professional sports stadium.

Installation angle of modules less than 10°

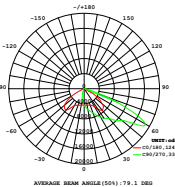
Comply with following glare control standards :

- ✓ EN 12193: 2018 Standard
- ✓ AS/NZS 4282:2019 Standard

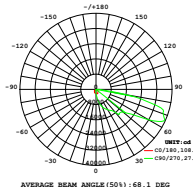
TYPE OF LENS:
Asymmetric 60° narrow



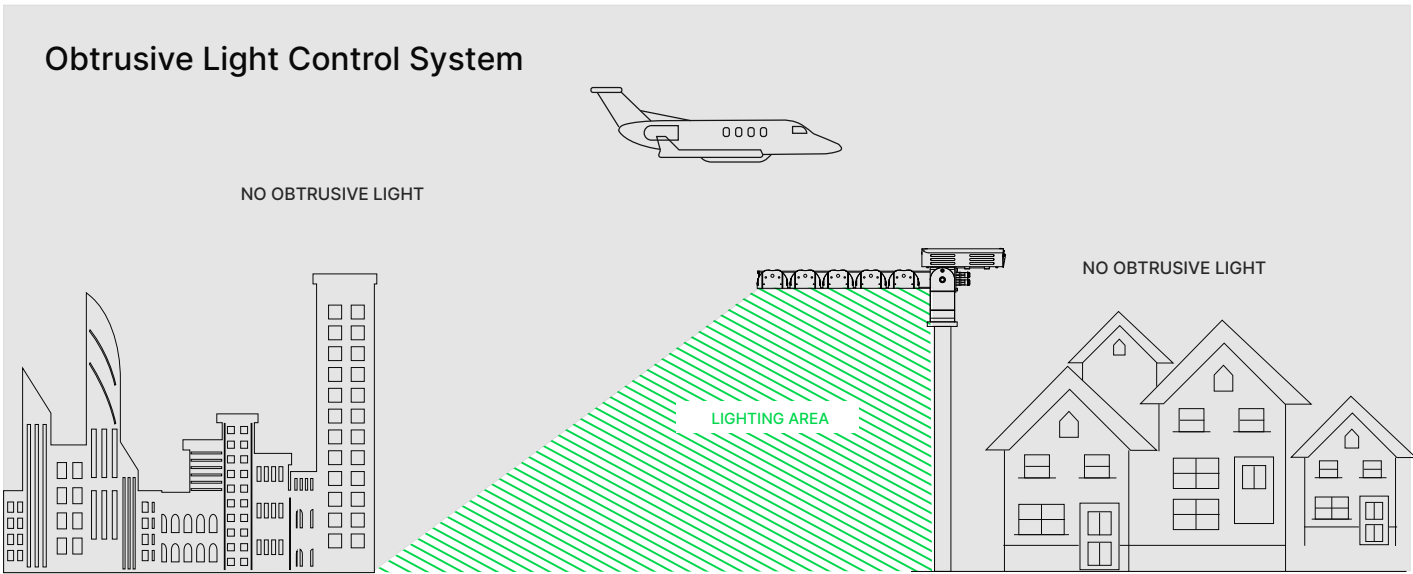
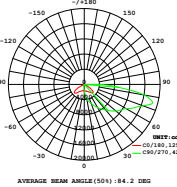
TYPE OF LENS:
Asymmetric 60° wide



TYPE OF LENS:
Asymmetric 70° narrow



TYPE OF LENS:
Asymmetric 70° wide



OPTIONAL ACCESSORIES



Spill light cover



Angle Ruler sight



20KV SPD



Zigbee Gateway

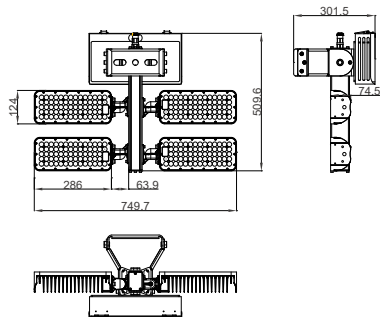


Zigbee Controller

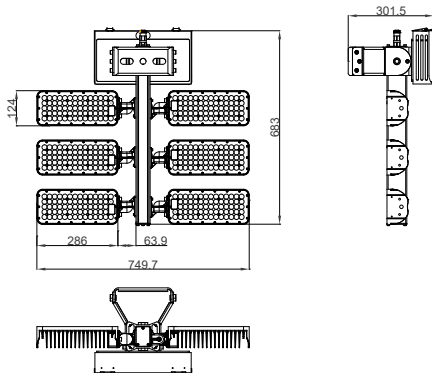


Separated Driver Box

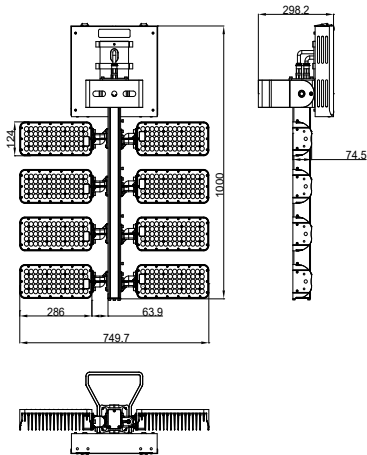
PRODUCT SIZE



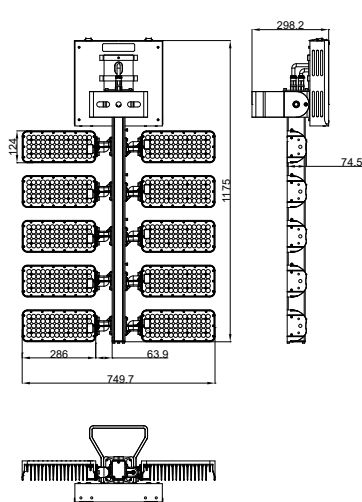
MDL-R-600W/720W



MDL-R-900W/1080W



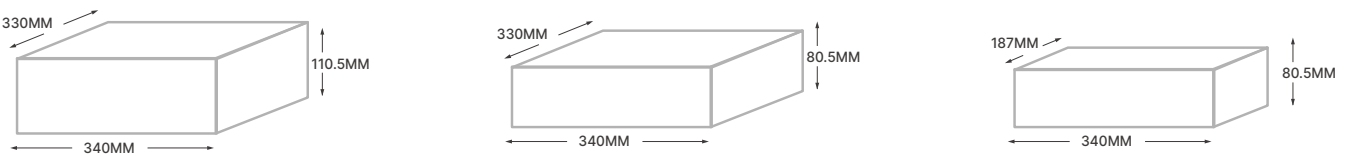
MDL-R-1200W/1440W



MDL-R-1500W/1800W

PRODUCT SIZE (Driver box)

Dimensions Of Optional Driver Boxes



Product Model	MDL-R-600W/720W	MDL-R-900W/1080W	MDL-R-1200W/1440W	MDL-R-1500W/1800W
Dimensions Of Optional Driver Boxes (L W H)	340*187*80.5mm	340*187*80.5mm	340*330*80.5mm	340*330*80.5mm
	340*330*80.5mm	340*330*80.5mm	340*330*110.5mm	340*330*110.5mm

APPLICATION



CRICKET COURT



HIGH POLE LIGHT



FOOTBALL FIELD



SEAPORT



OUTDOOR PARKING LOT



CONSTRUCTION SITE



GOLF COURSE



BASEBALL COURT