

The background is a dynamic action shot from a soccer match. A player in a yellow jersey and green shorts is in mid-air, performing a header or a high kick towards a soccer ball. A goalkeeper, also in a yellow jersey with blue accents and blue shorts, is diving to the left with his hands outstretched to catch the ball. The scene is set in a large stadium at night, with bright floodlights illuminating the pitch and the stands in the background. The grass on the field is green, and white yard lines are visible.

Orion series

Orion series

UP TO 229,000LM 18.5KGS



Technical Parameters



Parameters

Model No.	HD-FL-G11-1560W	HD-FL-G11-1650W
Dimension(mm)	618*485*445mm	
Input Voltage	AC200-450V 50/60Hz / AC220-415V 50/60Hz	
Wattage(W)	1560W	1650W
CRI	Ra70 / Ra80 / Ra90 & TLCI90	
Efficiency	140lm/W±10%@13°/17°/24° RA70 130lm/W±10%@10°/NB-P60 RA70	
Beam Angle(°)	10°/13°/17°/24°/NB-P60	
Certificate	CB/CE/ENEC/BIS/RoHS	
CCT	3000K/4000K/5000K/5700K	
Light Source	Osram/Cree@10°/ 13°/17°/24°/NB-P60	
PF	≥0.95	
Power Factor	≥95%	
THD	≤15%	
Surge Protection	10KV	
Driver	MOSO / Tridonic / Invertronics	
Operating Temp Ranger	-40℃~+85℃	
IP	IP66	
IK	IK10	
Dimming Control	0-10V,DMX RDM & DALI-2	
Lifetime	L90B50>100000H@Ta25℃ L90B10>60000H@Ta25℃	
Percent flicker[%]	<1%	
Weight	25Kg±0.5	



Light in weight and small in size, the lumen output could be more than 229000lm, which can perfectly realize 1-to-1 replacement of 2000W traditional fixture without changing existing installation structure.

The fixture is easy to be installed and wired with only two screws for fixing the mounting bracket.

With a precise optical design to minimize glare. The visor is optional according to the size of the venue to cut off light distribution, so as to obtain the best visibility and provide comfortable light to the venue, athletes, live audience and screen audience.

The DMX drivers enable luminaires to be connected to intelligent lighting management systems, for remote lighting management and dynamic light shows, and meeting the highest performance standards to link the luminaires and dynamic lighting control systems.



The DMX-RDM programmable driver can be programmed for lighting behavior to support the integration of a variety of entertainment lighting devices.

The use of 10KV surge protection ensures that the fixture remains illuminating throughout the life cycle of the system. With the high thermal conductive aluminium alloy and efficient ventilation design, it can perfectly avoid light decay and irreversible failure for LEDs because of the high temperature during work.



Remote Control

Available for DALI and DMX512 control.



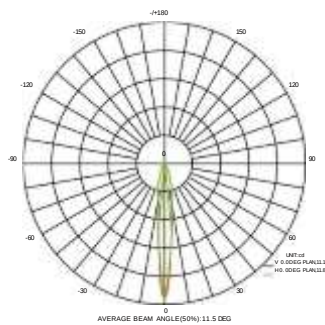
CONTROL



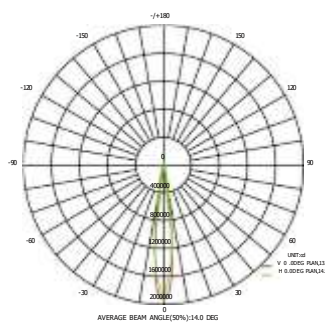
BRIGHTNESS

Photometric Diagrams

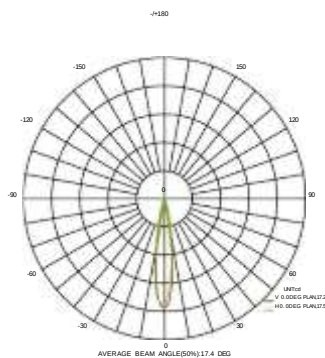
Basketball/Badminton/Football/Golf. . .



Beam Angle(°)	10°
Light Source	Osram
Efficiency	130lm/W±10%@RA90



Beam Angle(°)	13°
Light Source	OSRAM
Efficiency	140lm/W±10%@RA90

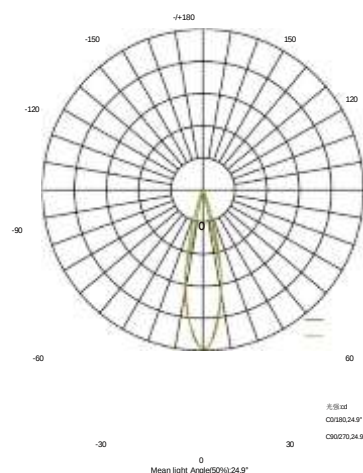


Beam Angle(°)	17°
Light Source	OSRAM
Efficiency	140lm/W±10%@RA90

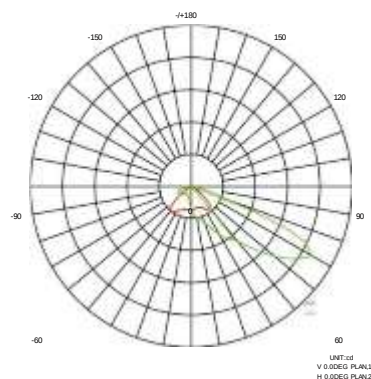


Photometric Diagrams

Basketball/Badminton/Football/Golf. . .



Beam Angle(°)	24°
Light Source	CREE
Efficiency	140lm/W±10%@RA70



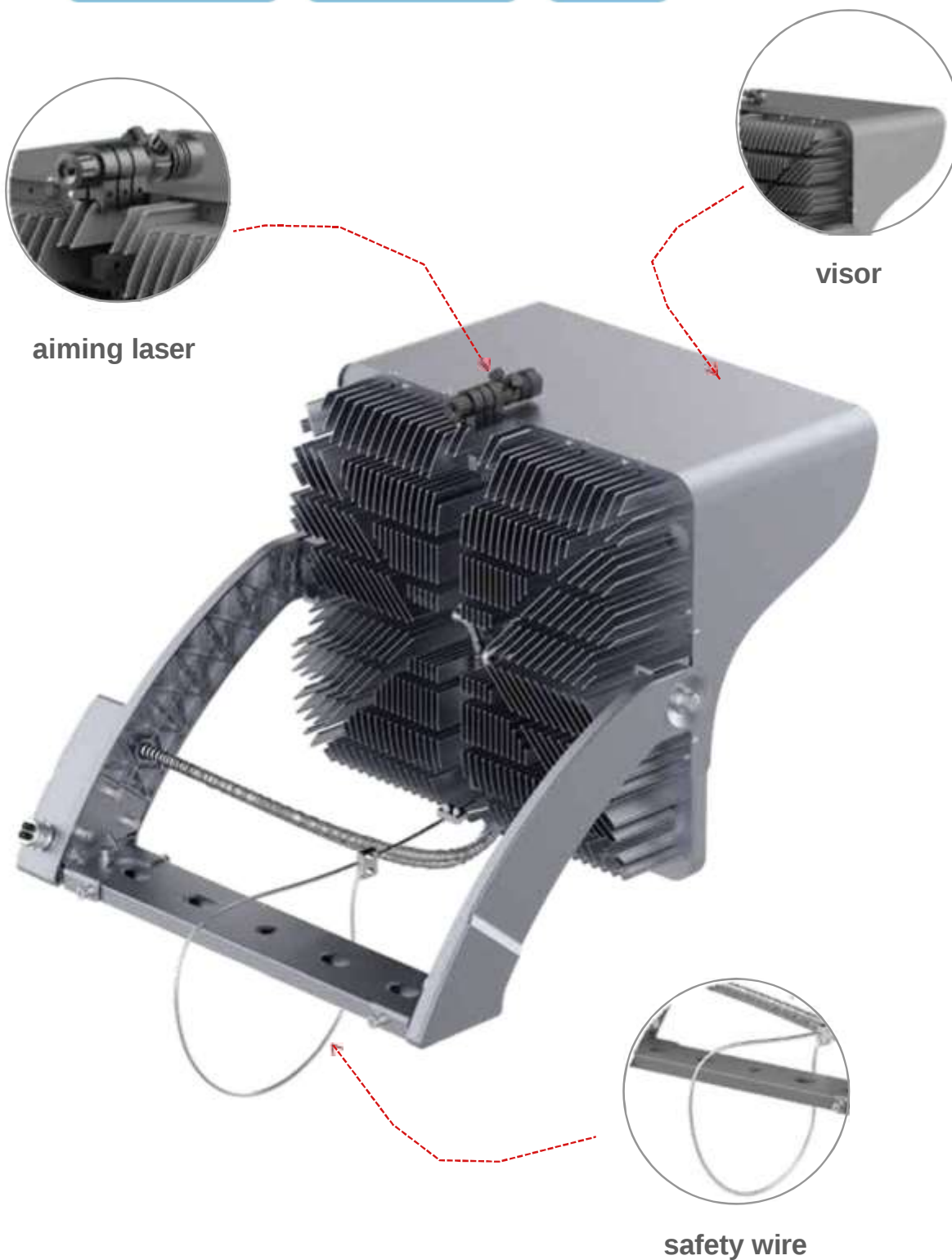
Beam Angle(°)	NB-P60
Light Source	Samsung
Efficiency	

Product Accessories

aiming laser

safety wire

visor



LED FLOOD LIGHT

HD-FL-G11-1560W/1650W

CB CE ENEC SAA ROHS

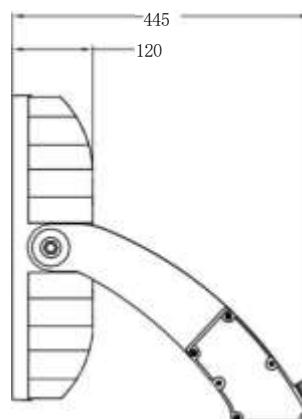
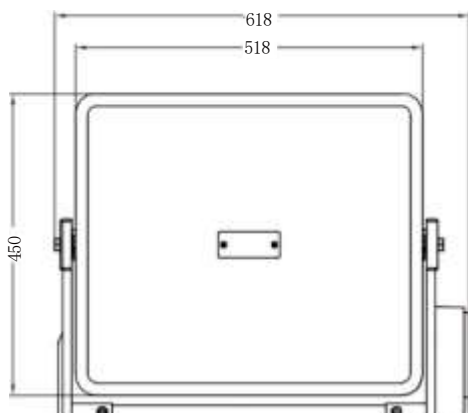


MOSO



Tridonic
/Meanwell

DIMENSION



UNIT:mm

Lighting Applications

Designed for stadium lighting.

Football (soccer)/Rugby/Athletics/Hockey/Baseball/Cricket Grounds/Equestrian/Horse.

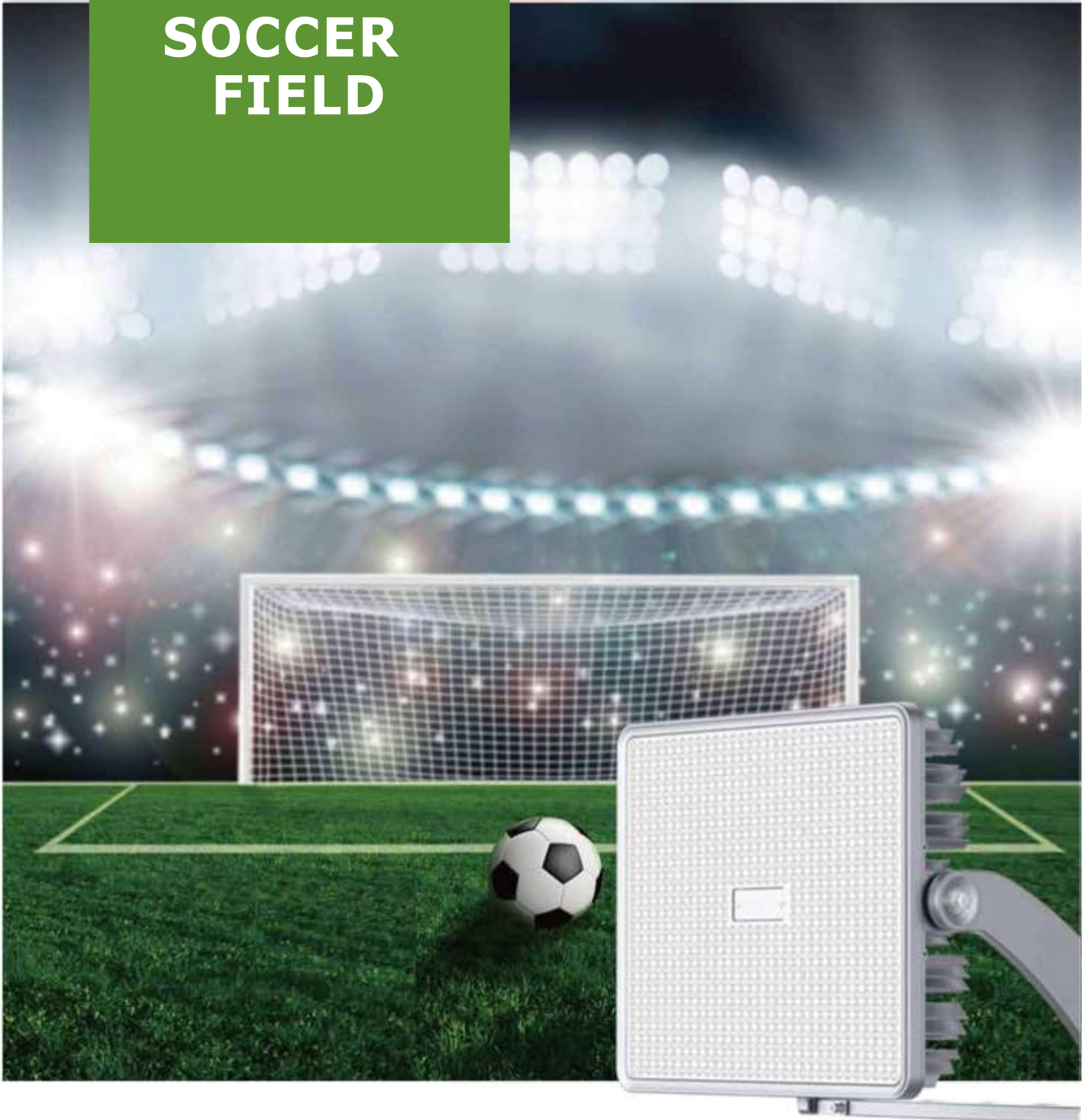
Outdoor

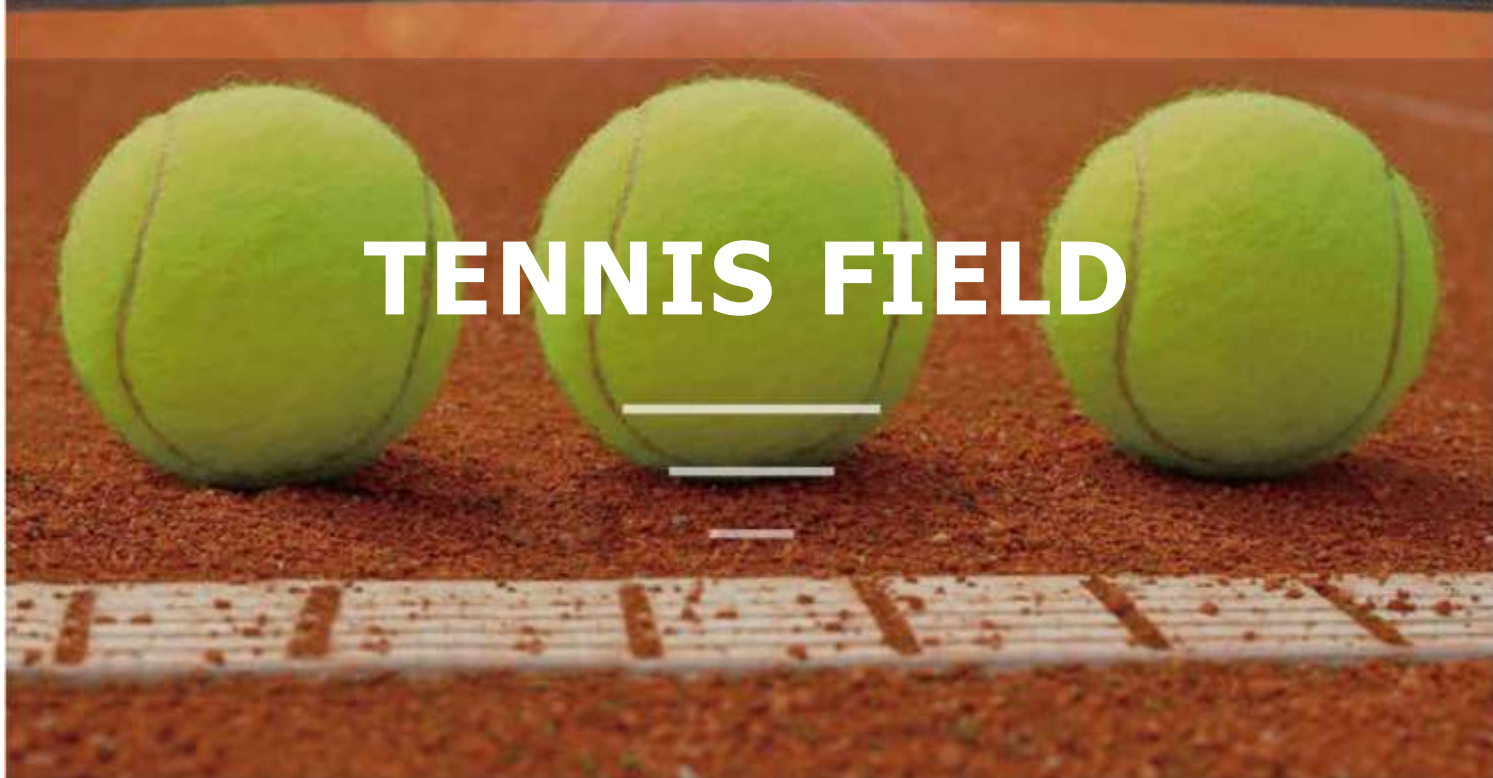


Indoor

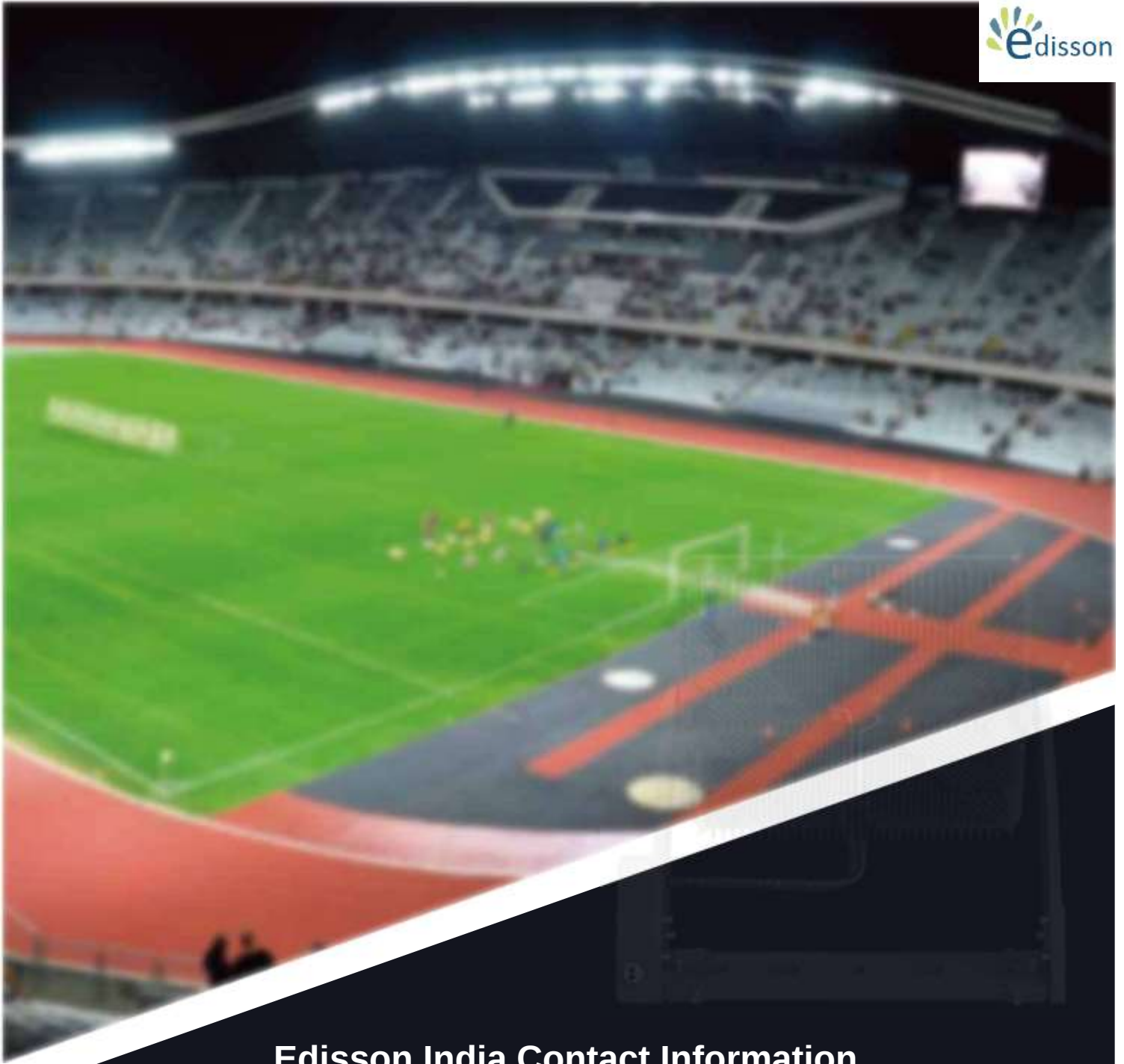


SOCCER FIELD





TENNIS FIELD



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