

Light Up the Action

Introducing Next-Gen LED Lighting for Sports Arenas



SOLIS Pro
LED Sports Light



SOLIS Pro

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Up to 220,000 LM

Experience the pinnacle of sporting brilliance with our cutting-edge LED stadium lighting solutions. Crafted to elevate spectator experiences and enhance the ambiance of any event, our state-of-the-art lights offer unparalleled brilliance and performance. From clear visibility to dynamic lighting effects, every moment shines in its full glory. Whether it's a football showdown, basketball thriller, or concert spectacle, our LED lighting sets the stage for unforgettable experiences, ensuring that victories shine and memories endure.

Light in weight and small in size, the lumen output could be more than 220000lm, 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.

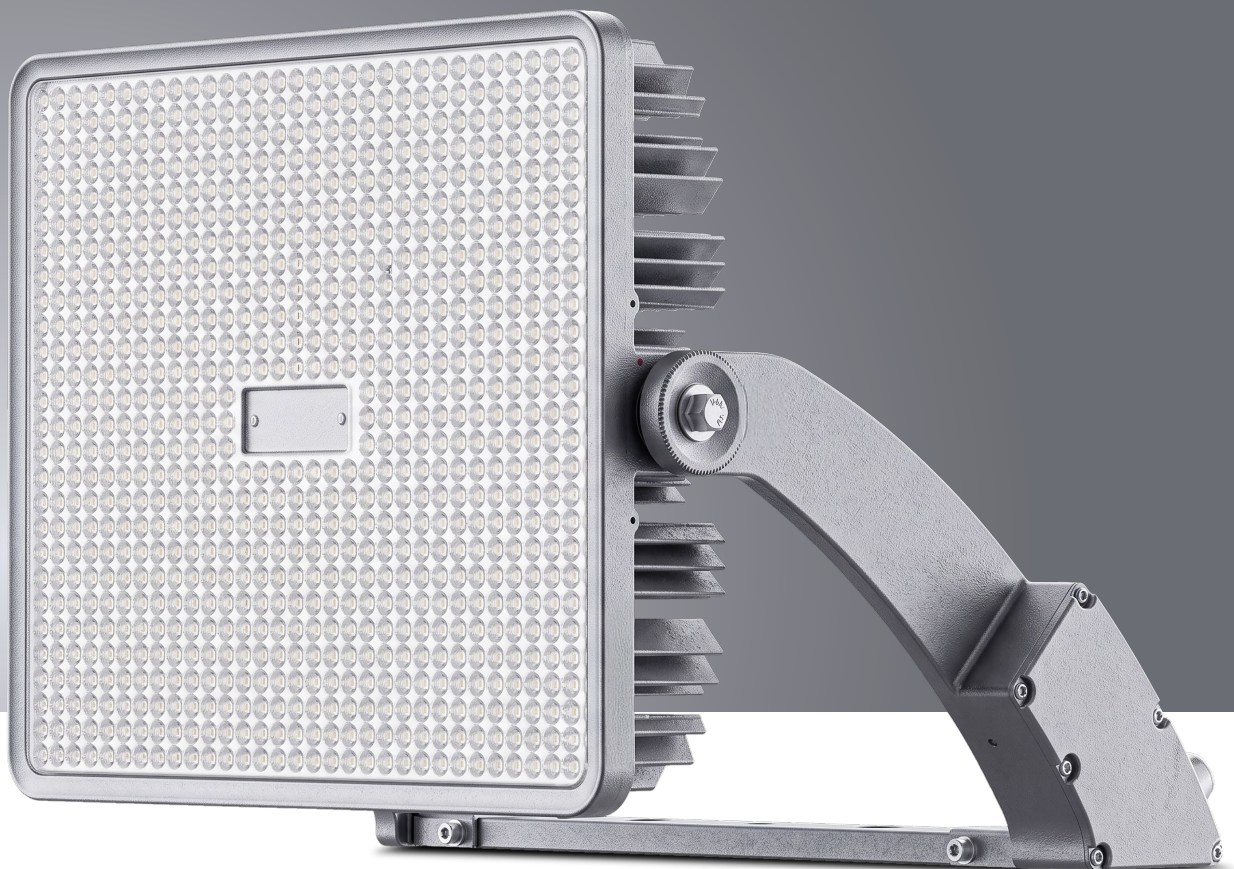
With a precise optical design to minimize glare. The visor is optional according to the size of the venue to cut off light distribution, so as to obtain the best visibility and provide comfortable light to the venue, athletes, live audience and screen audience.



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.

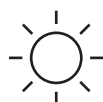


Remote Control

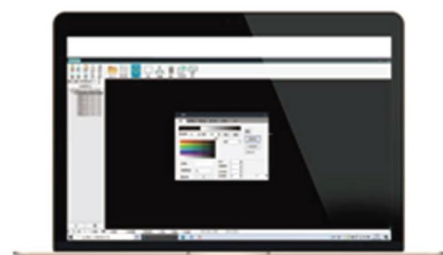
Available for DALI and DMX512 control



Control



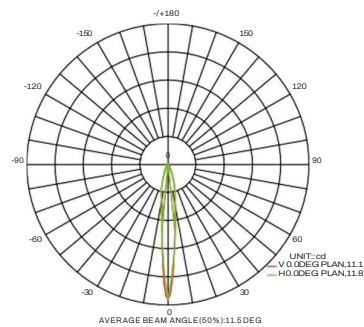
Brightness



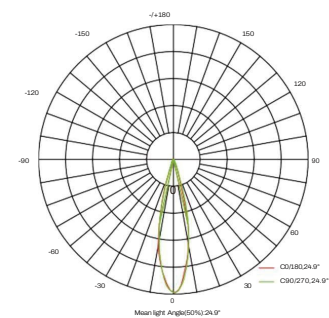
Brightness, intelligent control one hand control

Photometric Diagrams

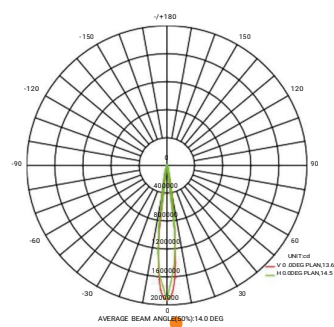
Basketball / Badminton / Football / Golf



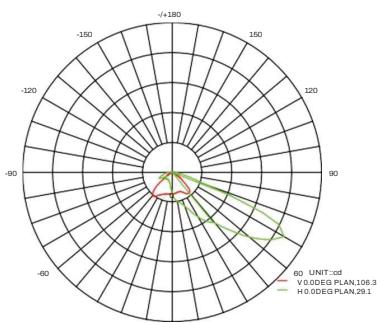
Beam Angle	10°
Light Source	Osram
Efficiency	130lm/W±10%@RA70



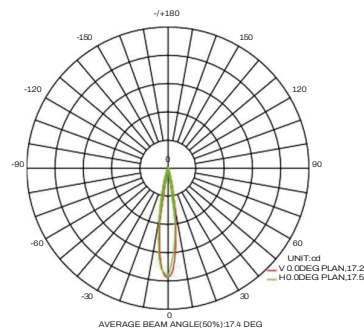
Beam Angle	24°
Light Source	Lumiled
Efficiency	140lm/W±10%@RA70



Beam Angle	13°
Light Source	Osram
Efficiency	140lm/W±10%@RA70



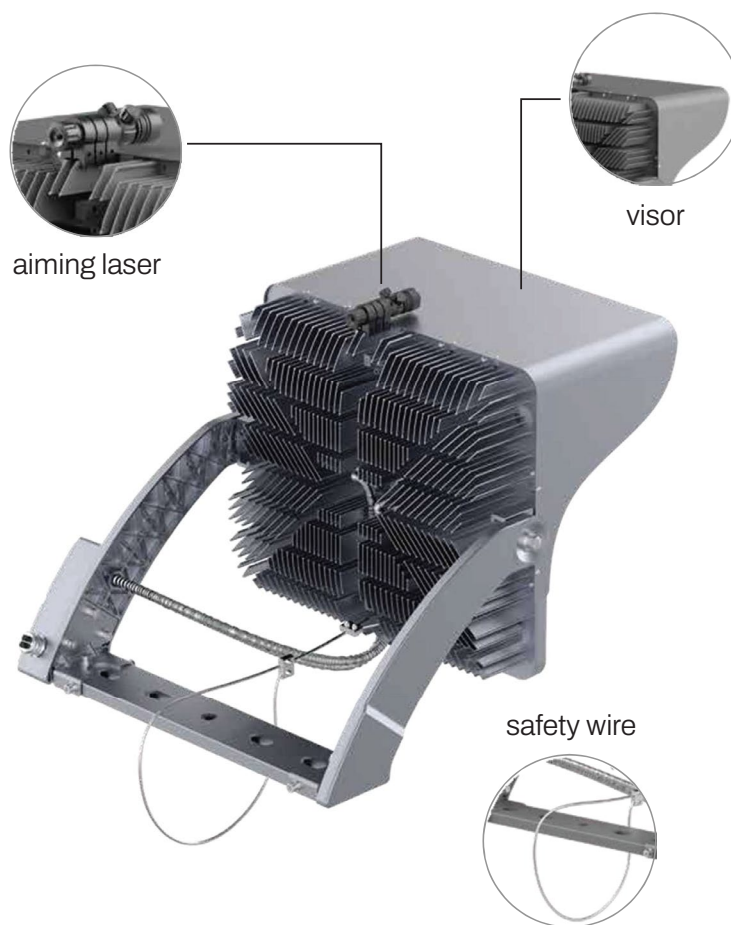
Beam Angle	NB-P60
Light Source	Lumiled
Efficiency	140lm/W±10%@RA70



Beam Angle	17°
Light Source	Osram
Efficiency	140lm/W±10%@RA70



Product Accessories



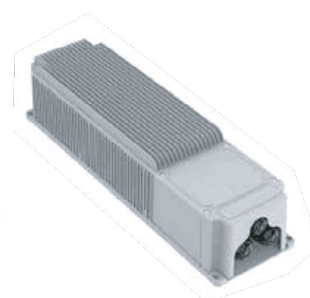
LED FLOOD LIGHT

1560W/1650W

CB | CE | ENEC | SAA | ROHS



Inventronics/MOSO Driver



Lighting Applications

Designed for stadium lighting.

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

Outdoor



Baseball



Football



Cricket



Golf

Indoor



Tennis



Volleyball



Basketball



Natatorium



SOLIS Pro

1800W

HOUSING, FRAME COVER

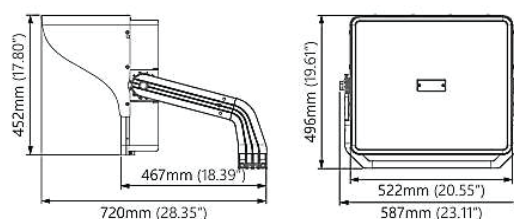
Made of Single piece pressure die-cast aluminum alloy with heat dissipating fins, epoxy powder coated finish & front cover made of integrated Peanut Lens Optics anti-dust exposed. Weatherproof silicon gasket for driver enclosure & housing.

MOUNTING BRACKET

Cradle MS powder coated suitable for High mast & Stadium mast lantern carriage installation.

APPLICATION AREAS

Highmast, Stadium, etc.



General Information

Product Category	LED Flood Light
System Wattage	1800W
Luminous Flux	216000 lm
Luminarie Efficacy	≥120lm/W
Correlated Color Temperature	5700K ±355K
Input Frequency	50Hz
Color Rendering Index	≥90
TLCI	>90
Maintenance of Lumen	50,000 hrs @L70
Operating Temperature	-10°C to +50°C
Beam Angle	NB / MB

Operating and Electrical

Input Voltage	140 to 270VAC
System Current @240V AC	7.89A
Power Factor	≥0.95
THD	<10%
Built in Surge Protection	10KV
External Surge Protection	20KV

Environmental Protections

Ingress Protection	IP66
IK Protection	IK10

Product Data & Ordering Data

Product Cat. Ref	TRFL 21602 NB SR
Case lot	1
Net Weight	20.5Kg. Approx.

Transrail is a leading turnkey Engineering, Procurement and Construction (EPC) company with a primary focus on the power transmission and distribution (T&D) sector, backed by over four decades of experience in construction and manufacturing. Headquartered in India, Transrail has evolved into a global enterprise with a presence in 63 countries across five continents. The company provides end-to-end turnkey solutions encompassing design, engineering, supply, manufacturing, construction, and testing services across its diverse business verticals, including Transmission Lines, Substations, Renewables, Railways, Civil Construction, and Pole & Lighting. As part of its Power T&D business, Transrail operates large-scale manufacturing facilities in India for galvanized lattice towers, overhead conductors, and galvanized monopoles, along with a well-accredited tower testing facility and a state-of-the-art NABL-accredited Luminaire Laboratory



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