

ArenaX

BVP571



Where champions shine

ArenaX is a high-performance, intelligent lighting solution engineered for professional sports venues, delivering exceptional light quality, precision, and significant operational and environmental benefits. It provides an immersive viewer experience while prioritizing engineering convenience, minimizing spill light pollution for neighboring environments, and reducing its carbon footprint. The system delivers up to 198,000 lumens with a high color rendering index CRI90 and features a long lifetime exceeding 100,000 hours, ensuring reliable performance in harsh conditions. Its superior light quality is achieved through advanced LEDs and breakthrough thermal management technology, which also reduces the luminaire's weight and dimensions. Equipped with specialized optics and an innovative beam control system, ArenaX fully complies with global sports association lighting standards while effectively containing spill light. The lightweight, compact design facilitates easier installation, lowers structural load costs, and reduces wind load pressure. A horizontally rotatable

bracket allows for flexible physical installation and simplified aiming for optimal field illumination, while a beam tracking system streamlines maintenance by identifying individual fixture optics. An all-in-one driver integrates DMX/RDM, DALI, and D4i protocols and is compatible with the Interact system for comprehensive point control, operational scheduling, and asset management.

Benefits

- System lumen output up to 198,900lm and 171,100lm (without visor) based on CRI90 at 110lm/W reduces the number of fixtures by 20% and therefore lowers TCO per area.
- The light weight (3Kg by 12% reduced compared to typical floodlight) and compact size will result in convenience of installation, lower structural load cost and lower wind loading pressure (SCx).
- Innovative beam control system – proven optics in ArenaVision and specialized designed visors, ensuring arena lighting fully complying with global sports lighting standards and minimize glare and spill light sharp cut-off at 10.7° towards neighbor environment.
- Versatile mounting system with horizontally rotatable ($\pm 75D$) bracket will enable installation with less constraints physically and easy aiming for optimal field illumination.
- Beam easy tracking system (color coded cap) give more convenience on maintenance to track and identify optics of each lighting fixture.
- All-in-one driver of the luminaire integrate DMX/ RDM, complying to DALI and D4i which are compatible with Interact system to control lighting points, set operation scheme and asset-management.

Features

- System lumen output up to 198,900lm and 171,100lm (without visor) based on CRI90 at 110lm/W
- Specialized designed dual-layer visor to cut spill light
- Color caps for easy identification of optic type at installation site
- Both symmetric and asymmetric optics for better lighting performance given far distance light distribution and reduce quantity on project
- PC and glass front face cover optional
- Horizontally rotatable ($\pm 75D$) U bracket for easing aiming and commissioning
- Breather on each LED module and 3-in-1 seamless cable for wiring, bird-proof conduit
- Unique adjustable module design to lower wind loading pressure (SCx).
- Not suitable for industry area where chemical stuff exists. Application in corrosion environment like swimming pool, coastline outdoors, please consult local sales team for special painting before order. Product has be installed on fixed objects.

Applications

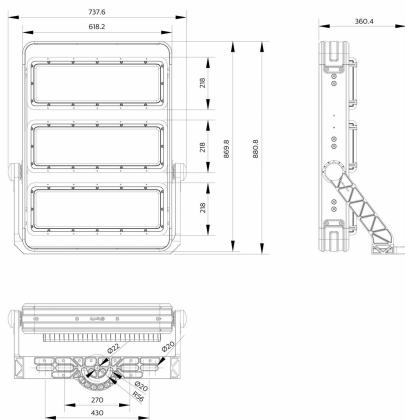
- Arenas
- Outdoor stadiums
- Indoor stadiums

Versions



ArenaX sports area

Dimensional drawing



BVP573 LED1989/957 1800W S9 ROBV

Product details



ArenaX sports area



ArenaX sports area



ArenaX sports area

General Information

Driver included Yes

Light Technical

Luminous Flux 198,900 lm
Correlated Color Temperature (Nom) 5700 K
Color rendering index (CRI) 90
Light source color 957 cool white

Operating and Electrical

Power Consumption 1,800 W

Controls and Dimming

Dimmable DMX

Mechanical and Housing

Housing Color RAL 9007
Ingress protection code IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code IK08 [6 J]
Optical cover type Polycarbonate

Approval and Application

Flammability mark -
CE mark Yes