PHILIPS

Lighting

Revolutionizing the pitch-lighting experience

ArenaVision LED gen3 C

The Philips ArenaVision LED floodlighting system is an innovative LED pitch-lighting solution supporting the latest TV broadcasting standards. Designed exclusively for sports and multi-purpose venues, ArenaVision LED offers outstanding light quality, effective thermal management, and long lifetime. When combined with control applications such as the Interact Sports lighting management system, ArenaVision LED can simplify the delivery of the right illumination by scheduling or through realtime adjustments and can be used to create customized light shows before, during and after the main event. To ensure optimized use for both indoor and outdoor applications, the floodlight range includes two single piece pressure die cast housing versions, hosting 2 and 3 LED engines respectively. These versions also function with an external driver box – separate for use at a distance from the floodlight (BV version), or pre-fixed onto the mounting bracket of the floodlight (HGB version). This external driver box ensures ease of installation and lower initial cost.

Benefits

- Maximum design flexibility to fit different stadium architectures and high lighting quality – compliant with international broadcasting standards for any type of sports.
- While delivering maximum light output the floodlight has an excellent thermal management system, which in combination with its low weight and IP66 rating helps maximize lifetime and minimize maintenance costs for both new built and retrofit installations.
- The single High-Power IP66 rated, DMX driver enables ArenaVision LED to be connected to the Interact Sports lighting management system, thereby enabling remote light management and creation of dynamic light shows.

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Features

- Single piece pressure die cast housing, with a protection level of IP66 against dust and water
- Wide range of ambient temperature tolerance making it suitable for a variety of sports applications
- Wide range of asymmetrical and symmetrical optics ensuring low glare and best in class lighting uniformity exceeding the requirements of all types of sports lighting level standards
- Option to add additional accessories to achieve best in class glare and up-light control
- Programmable DMX Driver to enable programming and integration with entertainment lighting fixtures and other Interact Sports applications

Application

- Outdoor arenas, stadiums and Racing tracks (Cricket, Football, Rugby, Tennis, Hockey, Golf, Ice skating, Horse racing, F1 racing, Athletics, etc.)
- Indoor sports arenas and halls (Swimming pools, Velodromes, Basketball, Ice hockey, etc.)
- Multiple and multipurpose sports facilities and arenas

Versions

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Approval and application	
Mech. impact protection code	IK08
Controls and dimming	
Dimmable	Yes
General information	
CE mark	CE mark
Light source color	957 cool white
Optical cover/lens type	Polycarbonate bowl/cover clear
Driver included	Yes
Initial performance (IEC compliant)	
Init. Corr. Color Temperature	5700 K
Init. Color Rendering Index	>85
Mechanical and housing	
Color	Aluminum and RAL (to be defined)

Initial performance (IEC compliant)

Order Code	Full Product Name	Initial luminous flux
911401621606	BVP427 C LED1270/957 1415W S2 BV	127000 lm
911401621806	BVP427 C LED1270/957 1415W S4 BV	127000 lm
911401622006	BVP427 C LED1270/957 1415W S6 BV	127000 lm
911401622206	BVP427 C LED1270/957 1415W S8 BV	127000 lm
911401622806	BVP417 C LED840/957 943W S3 BV	84000 lm
911401623106	BVP417 C LED840/957 943W S6 BV	84000 lm