



ArenaVision LED gen3.5 – Revolutionizing the pitch-lighting experience

ArenaVision LED gen3.5

The 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 InteractSports lighting management system, ArenaVision LED can simplify the delivery of the right illumination by scheduling or through real-time 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.

ArenaVision LED gen3.5

Benefits

- Maximum design flexibility to fit different stadium architectures and high lighting quality – compliant with international broadcasting standards for any type of sports
- 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
- 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
- Equipped with Service tag, a QR-based identification system that makes each luminaire uniquely identifiable and provides maintenance, installation and spare part information

Features

- Single piece pressure die cast housing, with a protection level of IP66 against dust and water
- 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
- Wide range of ambient temperature tolerance making it suitable for a variety of sports applications
- 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

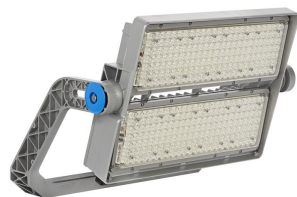
Application

- 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



ArenaVision LED gen3 5



ArenaVision LED gen3 5



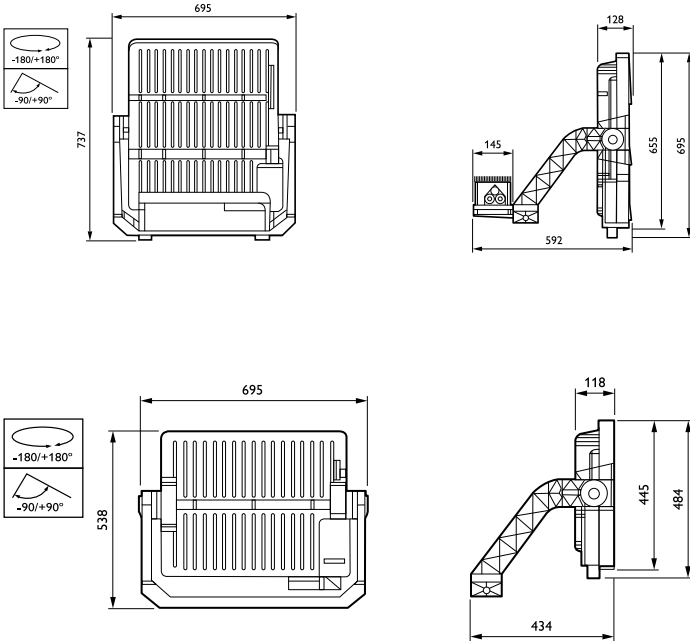
ArenaVision LED gen3 5



ArenaVision gen3.5 3 modules

ArenaVision LED gen3.5

Dimensional drawing



General Information

Driver included	Yes
Number of gear units	1 unit

Light Technical

Correlated Color Temperature (Nom)	5700 K
Upward light output ratio	0

Controls and Dimming

Dimmable	Yes
----------	-----

Mechanical and Housing

Housing Color	Aluminum
Mech. impact protection code	IK08
Ingress protection code	IP66
Standard tilt angle side entry	-

Approval and Application

CE mark	Yes
Flammability mark	-

General Information

Order Code	Full Product Name	Lamp family code	Service tag
912300060424	BVP428 2470/857 BV S2 T35 OUT PSDMX	LED2500	Yes
912300060427	BVP428 2590/757 BV S2 T35 OUT PSDMX	LED2600	Yes
912300060414	BVP418 1650/857 BV S2 T35 OUT PSDMX	LED1650	Yes
912300060428	BVP428 2590/757 HGB S2 T35 OUT PSDMX	LED2600	Yes
912300060885	BVP428 2690/857 PSD BV S2 D9 T25 OUT	LED2600	-

Light Technical (1/2)

ArenaVision LED gen3.5

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Color rendering index (CRI)	Luminous Flux
912300060424	BVP428 2470/857 BV S2 T35 OUT PSDMX	2° x 10°	857 daylight	80	217,360 lm
912300060427	BVP428 2590/757 BV S2 T35 OUT PSDMX	2° x 10°	757 cool white	70	227,920 lm
912300060414	BVP418 1650/857 BV S2 T35 OUT PSDMX	2° x 10°	857 daylight	80	145,200 lm

Product Data

Order Code	Full Product Name	Luminaire light beam spread	Light source color	Color rendering index (CRI)	Luminous Flux
912300060428	BVP428 2590/757 HGB S2 T35 OUT PSDMX	2° x 10°	757 cool white	70	227,920 lm
912300060885	BVP428 2690/857 PSD BV S2 D9 T25 OUT	12°	857 daylight	>80	222,536 lm

Light Technical (2/2)

Order Code	Full Product Name	Optic type outdoor
912300060424	BVP428 2470/857 BV S2 T35 OUT PSDMX	Symmetrical
912300060427	BVP428 2590/757 BV S2 T35 OUT PSDMX	Symmetrical
912300060414	BVP418 1650/857 BV S2 T35 OUT PSDMX	Symmetrical

Order Code	Full Product Name	Optic type outdoor
912300060428	BVP428 2590/757 HGB S2 T35 OUT PSDMX	Symmetrical
912300060885	BVP428 2690/857 PSD BV S2 D9 T25 OUT	Asymmetrical wide beam

Operating and Electrical

Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
912300060424	BVP428 2470/857 BV S2 T35 OUT PSDMX	1,500 W	Surge protection level until 10 kV differential mode
912300060427	BVP428 2590/757 BV S2 T35 OUT PSDMX	1,500 W	Surge protection level until 10 kV differential mode
912300060414	BVP418 1650/857 BV S2 T35 OUT PSDMX	1,010 W	Surge protection level until 10 kV differential mode

Order Code	Full Product Name	Power Consumption	Surge Protection (Common/Differential)
912300060428	BVP428 2590/757 HGB S2 T35 OUT PSDMX	1,500 W	Surge protection level until 10 kV differential mode
912300060885	BVP428 2690/857 PSD BV S2 D9 T25 OUT	1,670 W	Surge protection level until 10 kV differential mode and 10 kV common mode

Mechanical and Housing

Order Code	Full Product Name	Optical cover type	Standard tilt angle posttop
912300060424	BVP428 2470/857 BV S2 T35 OUT PSDMX	Polycarbonate bowl/cover clear	0°

Order Code	Full Product Name	Optical cover type	Standard tilt angle posttop
912300060427	BVP428 2590/757 BV S2 T35 OUT PSDMX	Polycarbonate bowl/cover clear	0°

