



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

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.

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

Applications

- 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 gen3.5 3 modules



ArenaVision gen3.5 2 modules



ArenaVision gen3.5 3 modules

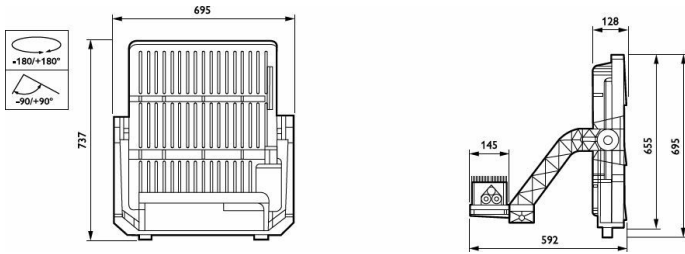


ArenaVision gen3.5 2 modules

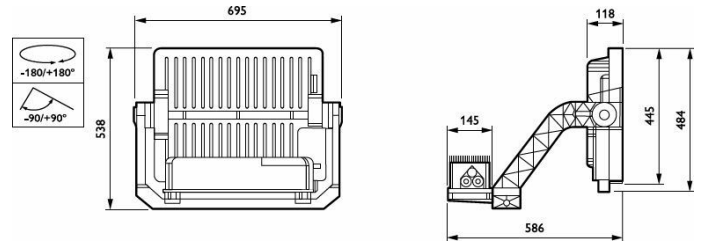
Features

- 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

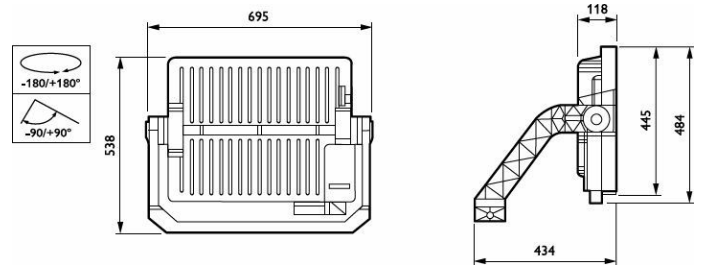
Dimensional drawing



BVP428 2200/957 HGB S2 T35 OUT PSDMX



BVP418 1650/857 HGB S2 T35 OUT PSDMX



BVP418 1720/757 BV S2 T35 OUT PSDMX

BVP428 2590/757 BV S2 T35 OUT PSDMX

General Information

Number of gear units	1 unit
Gear	-
Driver included	Yes

Light Technical

Upward light output ratio	0
Correlated Color Temperature (Nom)	5700 K
Luminaire light beam spread	2° x 10°
Optic type outdoor	Symmetrical

Operating and Electrical

Surge Protection (Common/Differential) Surge protection level until 10 kV differential mode

Controls and Dimming

Dimmable Yes

Mechanical and Housing

Housing Color Aluminum
Ingress protection code IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code IK08 [5 J vandal-protected]
Standard tilt angle posttop 0°
Standard tilt angle side entry -
Optical cover type Polycarbonate bowl/cover clear

Approval and Application

Flammability mark -
CE mark Yes

General Information

Order Code	Full Product Name	Lamp family code
38297900	BVP428 2590/757 HGB S2 T35 OUT PSDMX	LED2600
38299300	BVP428 2200/957 HGB S2 T35 OUT PSDMX	LED2200
38300600	BVP428 2470/857 HGB S2 T35 OUT PSDMX	LED2500
38290000	BVP418 1720/757 HGB S2 T35 OUT PSDMX	LED1720
38291700	BVP418 1650/857 HGB S2 T35 OUT PSDMX	LED1650
38295500	BVP418 1470/957 HGB S2 T35 OUT PSDMX	LED1470
38296200	BVP428 2200/957 BV S2 T35 OUT PSDMX	LED2200
38298600	BVP428 2470/857 BV S2 T35 OUT PSDMX	LED2500
38301300	BVP428 2590/757 BV S2 T35 OUT PSDMX	LED2600
38292400	BVP418 1470/957 BV S2 T35 OUT PSDMX	LED1470
38293100	BVP418 1720/757 BV S2 T35 OUT PSDMX	LED1720
38294800	BVP418 1650/857 BV S2 T35 OUT PSDMX	LED1650

Light Technical

Order Code	Full Product Name	Luminous Flux	Color rendering index (CRI)	Number of light sources	Light source color
38297900	BVP428 2590/757 HGB S2 T35 OUT PSDMX	227,920 lm	70	3	757 cool white
38299300	BVP428 2200/957 HGB S2 T35 OUT PSDMX	193,600 lm	90	3	957 cool white
38300600	BVP428 2470/857 HGB S2 T35 OUT PSDMX	217,360 lm	80	3	857 daylight
38290000	BVP418 1720/757 HGB S2 T35 OUT PSDMX	151,360 lm	70	2	757 cool white
38291700	BVP418 1650/857 HGB S2 T35 OUT PSDMX	145,200 lm	80	2	857 daylight
38295500	BVP418 1470/957 HGB S2 T35 OUT PSDMX	130,830 lm	90	2	957 cool white
38296200	BVP428 2200/957 BV S2 T35 OUT PSDMX	193,600 lm	90	3	957 cool white
38298600	BVP428 2470/857 BV S2 T35 OUT PSDMX	217,360 lm	80	3	857 daylight
38301300	BVP428 2590/757 BV S2 T35 OUT PSDMX	227,920 lm	70	3	757 cool white
38292400	BVP418 1470/957 BV S2 T35 OUT PSDMX	130,830 lm	90	2	957 cool white
38293100	BVP418 1720/757 BV S2 T35 OUT PSDMX	151,360 lm	70	2	757 cool white
38294800	BVP418 1650/857 BV S2 T35 OUT PSDMX	145,200 lm	80	2	857 daylight

Operating and Electrical

Order Code	Full Product Name	Power Consumption
38297900	BVP428 2590/757 HGB S2 T35 OUT PSDMX	1,500 W
38299300	BVP428 2200/957 HGB S2 T35 OUT PSDMX	1,500 W
38300600	BVP428 2470/857 HGB S2 T35 OUT PSDMX	1,500 W
38290000	BVP418 1720/757 HGB S2 T35 OUT PSDMX	1,010 W
38291700	BVP418 1650/857 HGB S2 T35 OUT PSDMX	1,010 W
38295500	BVP418 1470/957 HGB S2 T35 OUT PSDMX	1,010 W
38296200	BVP428 2200/957 BV S2 T35 OUT PSDMX	1,500 W
38298600	BVP428 2470/857 BV S2 T35 OUT PSDMX	1,500 W
38301300	BVP428 2590/757 BV S2 T35 OUT PSDMX	1,500 W
38292400	BVP418 1470/957 BV S2 T35 OUT PSDMX	1,010 W
38293100	BVP418 1720/757 BV S2 T35 OUT PSDMX	1,010 W
38294800	BVP418 1650/857 BV S2 T35 OUT PSDMX	1,010 W

Product Data

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