



# 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<br>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<br>RAL (to be<br>defined) |
|-------|--|

## Initial Performance (IEC Compliant)

| Order Code   | Full Product Name                    | Initial luminous flux |
|--------------|--------------------------------------|-----------------------|
| 911401621606 | BVP427 C LED1270/957 1415W S2 BV     | 127000 lm             |
| 911401621706 | BVP427 C LED1270/957 1415W S3 BV     | 127000 lm             |
| 911401621806 | BVP427 C LED1270/957 1415W S4 BV     | 127000 lm             |
| 911401621906 | BVP427 C LED1270/957 1415W S5 BV     | 127000 lm             |
| 911401622006 | BVP427 C LED1270/957 1415W S6 BV     | 127000 lm             |
| 911401622106 | BVP427 C LED1270/957 1415W S7 BV     | 127000 lm             |
| 911401622206 | BVP427 C LED1270/957 1415W S8 BV     | 127000 lm             |
| 911401622306 | BVP427 C LED1270/957 1415W A55-NB BV | 127000 lm             |
| 911401622406 | BVP427 C LED1270/957 1415W A55-MB BV | 127000 lm             |
| 911401622506 | BVP427 C LED1270/957 1415W A65-NB BV | 127000 lm             |
| 911401622606 | BVP427 C LED1270/957 1415W A65-WB BV | 127000 lm             |
| 911401622706 | BVP417 C LED840/957 943W S2 BV       | 84000 lm              |
| 911401622806 | BVP417 C LED840/957 943W S3 BV       | 84000 lm              |
| 911401622906 | BVP417 C LED840/957 943W S4 BV       | 84000 lm              |
| 911401623006 | BVP417 C LED840/957 943W S5 BV       | 84000 lm              |
| 911401623106 | BVP417 C LED840/957 943W S6 BV       | 84000 lm              |
| 911401623206 | BVP417 C LED840/957 943W S7 BV       | 84000 lm              |
| 911401623306 | BVP417 C LED840/957 943W S8 BV       | 84000 lm              |
| 911401623406 | BVP417 C LED840/957 943W A55-NB BV   | 84000 lm              |
| 911401623506 | BVP417 C LED840/957 943W A55-MB BV   | 84000 lm              |
| 911401623606 | BVP417 C LED840/957 943W A65-NB BV   | 84000 lm              |
| 911401623706 | BVP417 C LED840/957 943W A65-WB BV   | 84000 lm              |
| 911401627406 | BVP427 C LED1270/957 1415W S3 HGB    | 127000 lm             |
| 911401627506 | BVP417 C LED840/957 943W S3 HGB      | 84000 lm              |

