



ArenaVision LED gen3.5 C

BVP418 C LED990/957 890W S5 BV

ArenaVision LED gen3.5 C - 99000 lm - 890 W - 5700 K

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 InteractSports 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.

Product data

| General information | | CE mark | CE mark |
|--------------------------|---------------------------------------|---------|---------|
| Light source color | 957 cool white | | |
| Driver included | Yes | | |
| Optical cover/lens type | PCC [Polycarbonate bowl/cover clear] | | |
| Control interface | Dynamix DMX | | |
| Connection | Push-in connector 5-pole (PI) | | |
| Cable | - | | |
| Protection class IEC | Safety class I (I) | | |
| Operating and electrical | | | |
| Input Voltage | 220-400 V | | |
| Input Frequency | 50 to 60 Hz | | |
| Power Factor (Min) | 0.9 | | |

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Controls and dimming

| | |
|----------|-----|
| Dimmable | Yes |
|----------|-----|

Mechanical and housing

| | |
|-----------------------------|----------------------------------|
| Housing Material | Aluminum die-cast |
| Optical cover/lens material | Polycarbonate |
| Overall length | 538 mm |
| Overall width | 695 mm |
| Overall height | 434 mm |
| Color | Aluminum and RAL (to be defined) |

Approval and application

| | |
|------------------------------|---|
| Ingress protection code | IP66 [Dust penetration-protected, jet-proof] |
| Mech. impact protection code | IK08 [5 J vandal-protected] |

Initial performance (IEC compliant)

| | |
|-------------------------------------|----------|
| Initial luminous flux (system flux) | 99000 lm |
| Luminous flux tolerance | +/-7% |
| Initial LED luminaire efficacy | 110 lm/W |

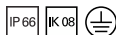
| | |
|-------------------------------|--------|
| Init. Corr. Color Temperature | 5700 K |
| Init. Color Rendering Index | >85 |
| Initial input power | 890 W |
| Power consumption tolerance | +/-10% |

Application conditions

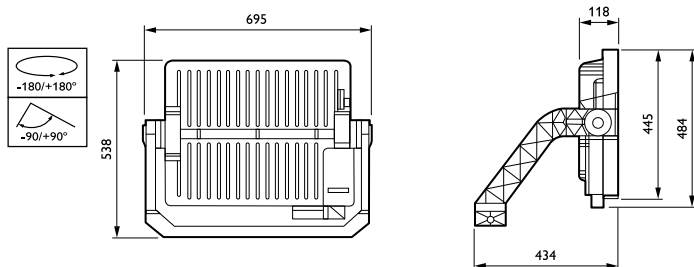
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|---------------------------|---------------|
| Ambient temperature range | -40 to +45 °C |
|---------------------------|---------------|

Product data

| | |
|---------------------------------|--------------------------------|
| Order product name | BVP418 C LED990/957 890W S5 BV |
| Order code | 911401614607 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 911401614607 |
| Copy Net Weight (Piece) | 27.600 kg |



Dimensional drawing



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