

ArenaVision LED gen3.5 C

BVP418 C LED990/957 890W S3 HGB

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 real-time adjustments and can be used to create customised light shows before, during and after the main event. To ensure optimised use for both indoor and outdoor applications, the floodlight range includes two single-piece pressure die-cast housing versions, hosting two and three 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	
Lamp colour code	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)
CE mark	CE mark

Operating and Electrical	
Input Voltage	220-400 V
Input frequency	50 to 60 Hz
Power factor (min.)	0.9

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Housing material	Aluminum die-cast
Optical cover/lens material	Polycarbonate

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Overall length	538 mm
Overall width	695 mm
Overall height	612 mm
Colour	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
Lamp colour temperature	5700 K
Colour Rendering Index	>85
Initial input power	890 W

Power consumption tolerance	+/-10%
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Application Conditions

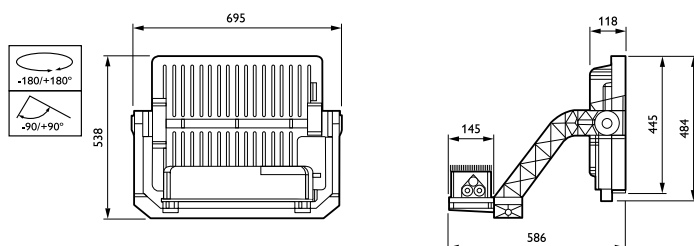
Ambient temperature range	-40 to +45 °C
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Product Data

Order product name	BVP418 C LED990/957 890W S3 HGB
Order code	911401615007
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12 NC)	911401615007
SAP net weight (piece)	27.600 kg



Dimensional drawing



Floodlight surface LED

