

ArenaVision LED gen3.5 C

BVP418 C LED990/957 890W S3 HGB

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 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		CE mark	CE mark
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)		
		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
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Mechanical and Housing

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

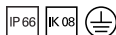
Lamp colour temperature	5700 K
Colour Rendering Index	>85
Initial input power	890 W
Power consumption tolerance	+/-10%

Application Conditions

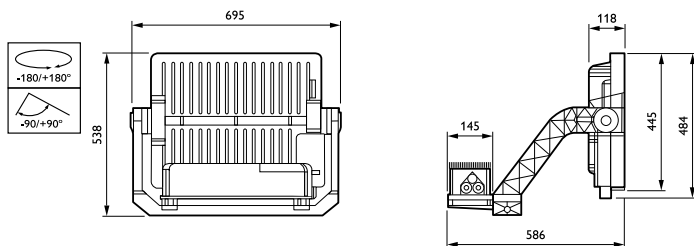
Ambient temperature range	-40 to +45 °C
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Product Data

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
SAP material	911401615007
SAP net weight (piece)	27.600 kg



Dimensional drawing



Floodlight surface LED

