



# ArenaVision LED gen3 C

## BVP417 C LED840/957 943W S6 BV

ArenaVision LED gen3 C, 84000 lm, 943 W, 957 cool white, Dynamix DMX, Safety class I

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.

### Product data

General Information		Light Technical	
Driver included	Yes	Luminous Flux	84,000 lm
Lighting Technology	LED	Correlated Color Temperature (Nom)	5700 K
Value ladder	Specification	Luminous Efficacy (rated) (Nom)	89 lm/W
CE mark	CE mark	Color rendering index (CRI)	>85
		Light source color	957 cool white

ArenaVision LED gen3 C

Optical cover type	Polycarbonate bowl/cover clear
Operating and Electrical	
Input Voltage	220-400 V
Line Frequency	50 or 60 Hz
Power Consumption	943 W
Power Factor (Fraction)	0.9
Connection	Push-in connector 5-pole
Cable	-
Temperature	
Ambient temperature range	-40 to +45 °C
Controls and Dimming	
Dimmable	Yes
Control interface	Dynamix DMX
Mechanical and Housing	
Housing Material	Aluminum die cast
Optical cover material	Polycarbonate
Housing Color	Aluminum and RAL (to be defined)
Overall length	538 mm
Overall width	695 mm

Overall height	434 mm
Dimensions (Height x Width x Depth)	434 x 695 x 538 mm
Approval and Application	
Ingress protection code	IP66 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Protection class IEC	Safety class I
Initial Performance (IEC Compliant)	
Luminous flux tolerance	+/-7%
Power consumption tolerance	+/-10%
Product Data	
Order product name	BVP417 C LED840/957 943W S6 BV
Full product name	BVP417 C LED840/957 943W S6 BV
Full product code	911401623106
Order code	911401623106
Material Nr. (12NC)	911401623106
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

Dimensional drawing

