



SportsStar Gen2

BVP680 LED1620/957 1620W 230-400V S5

SportsStar Gen2, 162000 lumen, 1620 W, 957 cool white, Dynamic DMX/RDM, Safety class I

Philips SportsStar Gen2 is a revolutionary innovative product for sports lighting, being one to one replacement to ArenaVision MVF403 2000W applications, with 160Klm system level light output at CRI90. It has similar weight and size compare to MVF403, that can do replacement easily without building & construction changes. The single high-power IP66 rated driver has flicker free performance and DMX port embedded. Together with Interact Sports system, it brings immersive experience to sports and multipurpose arenas.

Product data

General Information	
Driver included	Yes
Lighting Technology	LED
CE mark	CE mark
Flammability mark	For mounting on normally flammable surfaces
Light Technical	
Luminous Flux	162,000 lumen
Correlated Color Temperature (Nom)	5700 K
Luminous Efficacy (rated) (Nom)	100 lm/W
Color rendering index (CRI)	>90
Light source color	957 cool white
Optical cover type	Polycarbonate bowl/cover frosted

Operating and Electrical	
Input Voltage	230 to 400 V
Line Frequency	50 or 60 Hz
Power Consumption	1,620 W
Power Factor (Fraction)	0.95
Connection	Push-in connector 5-pole
Cable	-
Number of products on MCB of 16 A type B 1	
Temperature	
Ambient temperature range	-40 to +50 °C
Controls and Dimming	
Dimmable	Yes
Control interface	Dynamic DMX/RDM

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Mechanical and Housing

Housing Material	Aluminum die cast
Optical cover material	Polycarbonate
Housing Color	Gray
Overall length	580 mm
Overall width	555 mm
Overall height	352 mm
Effective projected area	0.25 m ²
Dimensions (Height x Width x Depth)	352 x 555 x 580 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

Full product code	911401643006
Order product name	BVP680 LED1620/957 1620W 230-400V S5
Order code	911401643006
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401643006
Full product name	BVP680 LED1620/957 1620W 230-400V S5

Dimensional drawing

