



Innovation and Revolution in sports lighting

SportsStar Gen2

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.

Benefits

- One to one replacement to ArenaVision MVF403 2000W application
- Robust quality and reliability
- DMX interface together with Interact Sports system bringing immersive experiences
- Comply with HDTV broadcasting requirement

Features

- System lumen output >160Klm, CRI90
- Light weight and compact dimension for easy handling
- 50Khrs lifetime
- DMX control interface
- Flicker free (<1%) performance

Application

- Outdoor arenas, stadiums and Racing tracks
- Indoor sports arenas and halls
- Multipurpose sports facilities and arenas

SportsStar Gen2

Versions



SportsStar Gen2 BVP680

Product details

SportsStar Gen2 BVP680



SportsStar Gen2 BVP680





SportsStar Gen2

BVP680 LED1620/957 1620W 200-242V S2

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Product data

General Information	
Light source color	957 cool white
Driver included	Yes
Optical cover/lens type	Polycarbonate bowl/cover frosted
Control interface	Dynamic DMX/RDM
Connection	Push-in connector 5-pole
Cable	-
Protection class IEC	Safety class I
CE mark	CE mark

Operating and Electrical	
Input Voltage	200 to 242 V
Input Frequency	50 or 60 Hz
Power Factor (Min)	0.95

Controls and Dimming	
Dimmable	Yes

Mechanical and Housing	
Housing Material	Aluminum die cast

Optical cover/lens material	Polycarbonate
Overall length	580 mm
Overall width	555 mm
Overall height	352 mm
Color	Gray

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

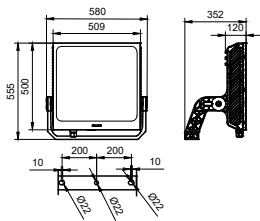
Initial Performance (IEC Compliant)	
Initial luminous flux (system flux)	162000 lm
Luminous flux tolerance	+/-7%
Initial LED luminaire efficacy	100 lm/W
Init. Corr. Color Temperature	5700 K
Init. Color Rendering Index	>90
Initial input power	1620 W
Power consumption tolerance	+/-10%

Application Conditions	
Ambient temperature range	-40 to +50 °C
Product Data	
Full product code	911401642606
Order product name	BVP680 LED1620/957 1620W 200-242V S2
Order code	911401642606

Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	911401642606
Net Weight (Piece)	17.700 kg



Dimensional drawing



Floodlight surface LED

