



ArenaVision MVF404

MVF404 MHN-SEH2000W/956 B3 ESI

ARENAVISION, MASTER MHN-SE High Output, 2000 W, Beam category B3

The ArenaVision MVF404 floodlight – designed for outdoor sports stadiums – dramatically increases the theatrical and emotional impact of sports for TV audiences and spectators, while allowing the players to perform under optimal visual conditions. Thanks to the innovative Philips MHN-SE 2000 W high-output compact single-ended metal-halide lamp and high-tech single-piece precision optics, ArenaVision MVF404 offers much higher optical efficiency than ever before. In addition, this 2 kW floodlight boasts easy lamp fitting and replacement, full IP65 compliance, safety knife connector system and a breakthrough electronic hot-restrike solution – while continuing to deliver all the traditional benefits of Philips ArenaVision systems. The (optional) flicker-free version of ArenaVision MVF404 is designed to ensure that the flicker effect is fully eliminated in order to guarantee perfect images filmed with super-slow-motion cameras at sports events. The flicker-free version of ArenaVision MVF404 comes equipped with a special electronic igniter, which works in combination with Philips' electronic-ballast GearUnits (ECM330), to be ordered separately.

Product data

General Information		ENEC mark	
Lamp family code	MHN-SEH [MASTER MHN-SE High Output]	EU RoHS compliant	Yes
Number of gear units	-	Light Technical	
Gear	-	Standard tilt angle post-top	-
Product family code	MVF404 [ARENAVISION]	Standard tilt angle side entry	-
Value ladder	Specification	Correlated Colour Temperature	5600 K
CE mark	Yes	Colour rendering index (CRI)	>90
Warranty period	1 years	Light source colour	956 daylight
Flammability mark	-		

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Optical cover type	Front-glass downlighting version
Luminaire light beam spread	-
Optic type outdoor	Beam category B3

Operating and Electrical

Input Voltage	380 to 415 V
Line Frequency	50 to 60 Hz
Power Consumption	2,000 W
Connection	Screw connector
Cable	-

Temperature

Ambient temperature range	-30 to +35 °C
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Controls and Dimming

Dimmable	No
Constant light output	No

Mechanical and Housing

Housing material	Aluminium
Reflector material	Aluminium
Optic material	Aluminium
Optical cover/lens material	-
Fixation material	Steel
Housing Colour	Aluminium
Mounting device	Mounting bracket adjustable
Optical cover/lens shape	-

Optical cover/lens finish	-
Overall height	535 mm
Effective projected area	0.2 m²

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	-
Sustainability rating	-
Protection class IEC	Safety class I

Application Conditions

Maximum dim level	Not applicable
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Product Data

Order product name	MVF404 MHN-SEH2000W/956 B3 ESI
Full product name	MVF404 MHN-SEH2000W/956 B3 ESI
Full EOC	871829159902900
Order code	59902900
Material no. (12 NC)	910505014418
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718291599029
Numerator – packs per outer box	1
EAN/UPC – Case	8718291599029

Dimensional drawing



