



ArenaVision MVF404

MVF404 MHN-SEH2000W/956 B2 HRE AM

ARENAVISION, MASTER MHN-SE High Output, 2000 W, Beam category B2

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 ignitor, which works in combination with Philips' flicker-free 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 posttop	-
Product family code	MVF404 [ARENAVISION]	Standard tilt angle side entry	-
Value ladder	Specification	Correlated Color Temperature (Nom)	5600 K
CE mark	Yes	Color rendering index (CRI)	>90
Warranty period	1 years	Number of light sources	1
Flammability mark	-		

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Light source color	956 daylight
Optical cover type	Front-glass downlighting version
Luminaire light beam spread	-
Optic type outdoor	Beam category B2

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	Aluminum
Reflector material	Aluminum
Optic material	Aluminum
Optical cover material	-
Fixation material	Steel
Housing Color	Aluminum
Mounting device	Mounting bracket adjustable

Optical cover shape	-
Optical cover 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 B2 HRE AM
Full product name	MVF404 MHN-SEH2000W/956 B2 HRE AM
Full product code	872790050222000
Order code	50222000
Material Nr. (12NC)	910502220318
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8727900502220
Numerator - Packs per outer box	1
EAN/UPC - Case	8727900502220

Dimensional drawing



