



ArenaVision MVF404

MVF404 MHN-SEH2000W/956 B5 SI

ARENAVISION - MASTER MHN-SE High Output - 2000 W -
Beam category B5

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	
Number of light sources	1 [1 pc]
Lamp family code	MHN-SEH [MASTER MHN-SE High Output]
Lamp power	2000 W
Lamp colour code	956 daylight
Kombipack	Lamp(s) included
Number of gear units	-
Gear	-
Optical cover/lens type	DOWN [Front-glass downlighting version]

Luminaire light beam spread	-
Connection	SCREW [Screw connector]
Cable	-
Protection class IEC	Safety class I (I)
Flammability mark	NO [-]
CE mark	Yes
ENEC mark	ENEC mark
Warranty period	1 years
Optic type outdoor	Beam category B5

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Aiming memory	-
Constant light output	No
EU RoHS compliant	Yes
Product family code	MVF404 [ARENAVISION]

Light technical

Standard tilt angle post-top	-
Standard tilt angle side entry	-

Operating and electrical

Lamp supply voltage	400 V [400]
Input Voltage	380 to 415 V
Input frequency	50 to 60 Hz
Ignitor	SI [Series]

Controls and dimming

Dimmable	No
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Mechanical and housing

Housing material	Aluminium
Reflector material	Aluminium
Optic material	Aluminium
Optical cover/lens material	-
Fixation material	Steel
Mounting device	MBA [Mounting bracket adjustable]
Optical cover/lens shape	-
Optical cover/lens finish	-
Overall height	535 mm
Effective projected area	0.2 m ²
Colour	Aluminium

Dimensions (height x width x depth)	535 x NaN x NaN mm
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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	-

Initial performance (IEC compliant)

Lamp colour temperature	5600 K
Colour Rendering Index	>90

Application conditions

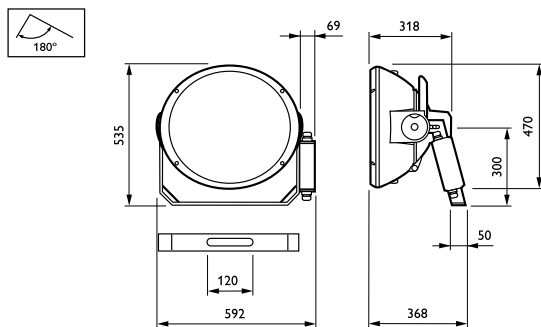
Ambient temperature range	-30 to +35 °C
Maximum dimming level	Not applicable

Product data

Full product code	872790050204600
Order product name	MVF404 MHN-SEH2000W/956 B5 SI
EAN/UPC – product	8727900502046
Order code	910502218518
SAP numerator – quantity per pack	1
Local code description	MVF404 MHN-SE2000W/956 B5 SI
Numerator – packs per outer box	1
SAP material	910502218518
Net Weight (Piece)	14.500 kg



Dimensional drawing



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