



# ArenaVision MVF404

## MVF404 MHN-SEH2000W/956 B4 HRE

ARENAVISION - MASTER MHN-SE High Output - 2000 W -  
Beam category B4

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		Luminaire light beam spread	
Number of light sources	1 [ 1 pc]	Connection	SCREW [ Screw connector]
Lamp family code	MHN-SEH [ MASTER MHN-SE High Output]	Cable	-
Lamp power	2000 W	Protection class IEC	Safety class I (I)
Lamp colour code	956 daylight	Flammability mark	NO [ -]
Kombipack	Lamp(s) included	CE mark	CE mark
Number of gear units	-	ENEC mark	ENEC mark
Gear	-	Warranty period	1 years
Optical cover/lens type	DOWN [ Front-glass downlighting version]	Optic type outdoor	Beam category B4

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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	HRE [ Hot-restrike electronic]

## 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	-
Colour	Aluminium

Dimensions (height x width x depth)	NaN x NaN x NaN mm (NaN x NaN x NaN in)
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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)

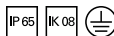
Lamp colour temperature	5600 K
Colour Rendering Index	>90

## Application Conditions

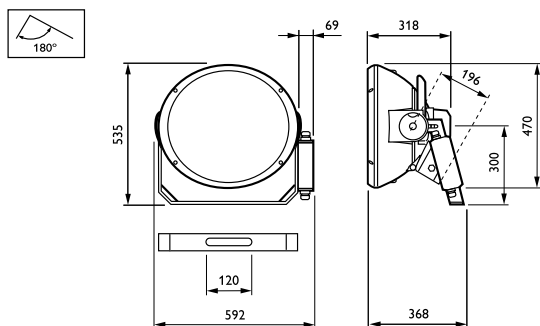
Ambient temperature range	-30 to +35 °C
Maximum dimming level	Not applicable

## Product Data

Full product code	872790050210700
Order product name	MVF404 MHN-SEH2000W/956 B4 HRE
EAN/UPC – product	8727900502107
Order code	910502219118
SAP numerator – quantity per pack	1
Numerator – packs per outer box	1
SAP material	910502219118
SAP net weight (piece)	18.800 kg



## Dimensional drawing



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