



# **ArenaVision MVF404**

## MVF404 MHN-SEH2000W/956 B6 HRE

ARENAVISION, MASTER MHN-SE High Output, 2000 W, Beam category B6

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	
Lamp family code	MHN-SEH [MASTER MHN-SE High Output]
Number of gear units	-
Gear	-
Product family code	MVF404 [ARENAVISION]
Value ladder	Specification
CE mark	Yes
Warranty period	1 years
Flammability mark	-

ENEC mark	ENEC mark
EU RoHS compliant	Yes
Light Technical	
Standard tilt angle post-top	-
Standard tilt angle side entry	-
Correlated Colour Temperature	5600 K
Colour rendering index (CRI)	>90
Light source colour	956 daylight

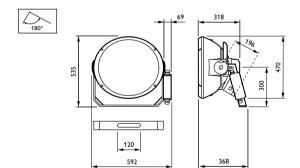
Datasheet, 2023, April 29 data subject to change

### **ArenaVision MVF404**

Optical cover type  Luminaire light beam spread  Optic type outdoor  Beam category B6  Operating and Electrical  Input Voltage  John Solve Consumption  Connection  Temperature  Ambient temperature range  Dimmable  Constant light output  Mechanical and Housing  Housing material  Reflector material  Optical cover/lens shape  Optical cover/lens finish  Operating Babo vals version  Beam category B6  -0  Beam category B6  Beam category B6  -0  Beam category Beau  -0  Beau  -0  Beam ca		
Optic type outdoor  Beam category B6  Operating and Electrical  Input Voltage  380 to 415 V  Line Frequency  50 to 60 Hz  Power Consumption  2,000 W  Connection  Cable  -  Temperature  Ambient temperature range  -30 to +35 °C  Controls and Dimming  Dimmable  No  Constant light output  No  Mechanical and Housing  Housing material  Aluminium  Optic material  Aluminium  Optical cover/lens material  Fixation material  Mounting device  Mounting bracket adjustable  Optical cover/lens shape  -  So to 415 V  Screw connector  -30 to +35 °C  -30 to +35 °C  -30 to +35 °C	Optical cover type	Front-glass downlighting version
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  Controls and Dimming  Dimmable No  Constant light output No  Mechanical and Housing  Housing material Aluminium  Optic material Aluminium  Optic material Aluminium  Optical cover/lens material Steel  Housing Colour Aluminium  Mounting device Mounting bracket adjustable  Optical cover/lens shape -	Luminaire light beam spread	-
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  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 Steel  Housing Colour Aluminium  Mounting device Mounting bracket adjustable  Optical cover/lens shape -	Optic type outdoor	Beam category B6
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Line Frequency 50 to 60 Hz  Power Consumption 2,000 W  Connection Screw connector  Cable -  Temperature  Ambient temperature range -30 to +35 °C  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 Steel  Housing Colour Aluminium  Mounting device Mounting bracket adjustable  Optical cover/lens shape -	Operating and Electrical	
Power Consumption 2,000 W  Connection Screw connector  Cable -  Temperature  Ambient temperature range -30 to +35 °C  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 Steel  Housing Colour Aluminium  Mounting device Mounting bracket adjustable  Optical cover/lens shape -	Input Voltage	380 to 415 V
Connection  Cable  -  Temperature  Ambient temperature range  -30 to +35 °C   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  Housing Colour  Aluminium  Mounting device  Mounting bracket adjustable  Optical cover/lens shape  -	Line Frequency	50 to 60 Hz
Cable -  Temperature  Ambient temperature range -30 to +35 °C  Controls and Dimming  Dimmable No  Constant light output No  Mechanical and Housing  Housing material Aluminium  Optic material Aluminium  Optical cover/lens material -  Fixation material Steel  Housing Colour Aluminium  Mounting device Mounting bracket adjustable  Optical cover/lens shape -	Power Consumption	2,000 W
Temperature  Ambient temperature range -30 to +35 °C  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 -	Connection	Screw connector
Ambient temperature range -30 to +35 °C  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 -	Cable	-
Ambient temperature range -30 to +35 °C  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 -		
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 -	Temperature	
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 -	Ambient temperature range	-30 to +35 ℃
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 -		
Constant light output  Mechanical and Housing  Housing material  Reflector material  Optic material  Optical cover/lens material  Fixation material  Housing Colour  Aluminium  Steel  Housing Colour  Aluminium  Mounting device  Mounting bracket adjustable  Optical cover/lens shape  -	Controls and Dimming	
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 -	Dimmable	No
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 -	Constant light output	No
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 -		
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 -	Mechanical and Housing	
Optic material Aluminium  Optical cover/lens material -  Fixation material Steel  Housing Colour Aluminium  Mounting device Mounting bracket adjustable  Optical cover/lens shape -	Housing material	Aluminium
Optical cover/lens material -  Fixation material Steel  Housing Colour Aluminium  Mounting device Mounting bracket adjustable  Optical cover/lens shape -	Reflector material	Aluminium
Fixation material Steel  Housing Colour Aluminium  Mounting device Mounting bracket adjustable  Optical cover/lens shape -	Optic material	Aluminium
Housing Colour Aluminium  Mounting device Mounting bracket adjustable  Optical cover/lens shape -	Optical cover/lens material	-
Mounting device Mounting bracket adjustable  Optical cover/lens shape -	Fixation material	Steel
Optical cover/lens shape -	Housing Colour	Aluminium
	Mounting device	Mounting bracket adjustable
Optical cover/lens finish -	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
<b>Application Conditions</b>	
Maximum dim level	Not applicable
Product Data	
Order product name	MVF404 MHN-SEH2000W/956 B6 HRE
Full product name	MVF404 MHN-SEH2000W/956 B6 HRE
Full EOC	872790050212100
Local code description	MVF404B6HR956
Order code	50212100
Material no. (12 NC)	910502219318
Local order code	MVF404B6HR956
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8727900502121
Numerator – packs per outer box	1
EAN/UPC - Case	8727900502121

# Dimensional drawing



### **ArenaVision MVF404**



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