



# **ArenaVision MVF403**

## MVF403 MHN-SA2000W/956 A7 SI AM

ARENAVISION, MASTER MHN-SA, 2000 W

ArenaVision MVF403 takes sports floodlighting to the highest level, offering very high light output, optical efficiency, ease of installation, reliability and flexibility. It is ideal for indoor sports halls (1000 W version) as well as many outdoor sports and other lighting applications. The integrated system of oval optics and compact double-ended MHN-LA 1000W or MHN-SA HO 2000W lamps ensures outstanding system efficiency and low glare. A built-in reflector skirt reduces spill light and glare even further. The MHN-SA HO 2000W/956 and MHN-LA 1000W/956 lamps meet the highest international CTV requirements. With the MHN-LA 1000W/842 lamp, the natural colour rendering and comfortable atmosphere are well suited to TV and filming as well as other floodlighting applications. Hot re-strike versions are available for all lamp types, enabling immediate restoration of lighting after power supply failure. The (optional) flicker-free version of ArenaVision MVF403 MHN-LA 1000W 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 MVF403 comes equipped with a special electronic igniter, which works in combination with Philips' electronic ballast GearUnits (ECM330), to be ordered separately.

#### **Product data**

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

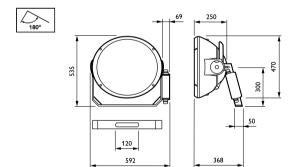
Datasheet, 2023, April 14 data subject to change

### **ArenaVision MVF403**

Colour rendering index (CRI) >90  Light source colour 956 daylight  Optical cover type Front-glass downlighting version  Luminaire light beam spread - Optic type outdoor Beam category A7  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 Steel Housing Colour Aluminium  Mounting device Mounting bracket adjustable		
Optical cover type  Luminaire light beam spread  Optic type outdoor  Beam category A7  Operating and Electrical Input Voltage  January So to 60 Hz  Power Consumption  Connection  Cable  Temperature  Ambient temperature range  Jonath Inght output  No  Constant light output  Mechanical and Housing Housing material  Reflector material  Optical cover/lens material  Fixation material  Housing Colour  Beam category A7  Beam cate	Colour rendering index (CRI)	>90
Luminaire light beam spread  Optic type outdoor  Beam category A7  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  Optical cover/lens material  Fixation material  Housing Colour  Aluminium	Light source colour	956 daylight
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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  Optical cover/lens material -  Fixation material Steel  Housing Colour Aluminium	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  Optic material Aluminium  Optical cover/lens material -  Fixation material Steel  Housing Colour Aluminium	Optic type outdoor	Beam category A7
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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 -  Fixation material Steel  Housing Colour Aluminium	Power Consumption	2,000 W
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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	Cable	-
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Constant light output  Mechanical and Housing  Housing material  Reflector material  Optic material  Optical cover/lens material  Fixation material  Steel  Housing Colour  Aluminium	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	Dimmable	No
Housing material Aluminium  Reflector material Aluminium  Optic material Aluminium  Optical cover/lens material -  Fixation material Steel  Housing Colour Aluminium	Constant light output	No
Housing material Aluminium  Reflector material Aluminium  Optic material Aluminium  Optical cover/lens material -  Fixation material Steel  Housing Colour Aluminium		
Reflector material Aluminium  Optic material Aluminium  Optical cover/lens material -  Fixation material Steel  Housing Colour Aluminium	Mechanical and Housing	
Optic material Aluminium  Optical cover/lens material -  Fixation material Steel  Housing Colour Aluminium	Housing material	Aluminium
Optical cover/lens material -  Fixation material Steel  Housing Colour Aluminium	Reflector material	Aluminium
Fixation material Steel Housing Colour Aluminium	Optic material	Aluminium
Housing Colour Aluminium	Optical cover/lens material	-
	Fixation material	Steel
Mounting device Mounting bracket adjustable	Housing Colour	Aluminium
5	Mounting device	Mounting bracket adjustable

Optical cover/lens shape	-
Optical cover/lens finish	-
Overall height	535 mm
Effective projected area	0.19 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
Product Data	
Order product name	MVF403 MHN-SA2000W/956 A7 SI AM
Full product name	MVF403 MHN-SA2000W/956 A7 SI AM
Full EOC	871829106903400
Order code	06903400
Material no. (12 NC)	910925747312
SAP numerator – quantity per pack	1
EAN/UPC — Product/Case	8718291069034
Numerator – packs per outer box	1
EAN/UPC - Case	8718291069034

# Dimensional drawing



### **ArenaVision MVF403**



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