



ArenaVision MVF403

MVF403 MHN-SA2000W/956 A2 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 color 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 ignitor, which works in combination with Philips' electronic flicker-free ballast GearUnits (ECM330), to be ordered separately.

Product data

General Information	
Lamp family code	MHN-SA [MASTER MHN-SA]
Number of gear units	-
Gear	-
Product family code	MVF403 [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 posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	5600 K

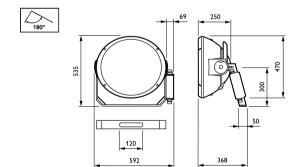
Datasheet, 2023, December 7 data subject to change

ArenaVision MVF403

Color rendering index (CRI)	>90
Number of light sources	1
Light source color	956 daylight
Optical cover type	Front-glass downlighting version
Luminaire light beam spread	-
Optic type outdoor	Beam category A2
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	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	0.19 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 A2 SI AM
Full product name	MVF403 MHN-SA2000W/956 A2 SI AM
Full product code	871829106898300
Order code	06898300
Material Nr. (12NC)	910925746812
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291068983
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291068983

Dimensional drawing



ArenaVision MVF403



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.