PHILIPS Lighting



ArenaVision MVF403

MVF403 MHN-SA2000W/956 A4 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

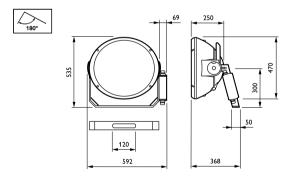
General Information		
Lamp family code	MHN-SA [MASTER MHN-SA]	
Number of gear units	-	
Gear	-	
Product family code	MVF403 [ARENAVISION]	
Value ladder	Specification	
CE mark	Yes	
Warranty period	1 years	

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

ArenaVision MVF403

Color rendering index (CRI)	>90	Mounting device	Mounting bracket adjustable
Number of light sources	1	Optical cover shape	-
Light source color	956 daylight	Optical cover finish	-
Optical cover type	Front-glass downlighting version	Overall height	535 mm
Luminaire light beam spread	-	Effective projected area	0.19 m²
Optic type outdoor	Beam category A4		
		Approval and Application	
Operating and Electrical		Ingress protection code	IP65 [Dust penetration-protected, jet-proo
Input Voltage	380 to 415 V	Mech. impact protection code	IK08 [5 J vandal-protected]
Line Frequency	50 to 60 Hz	Surge Protection (Common/Differential)	-
Power Consumption	2,000 W	Sustainability rating	-
Connection	Screw connector	Protection class IEC	Safety class I
Cable	_		
		Application Conditions	
Temperature		Maximum dim level	Not applicable
Ambient temperature range	-30 to +35 °C		
		Product Data	
Controls and Dimming		Order product name	MVF403 MHN-SA2000W/956 A4 SI AM
Dimmable	No	Full product name	MVF403 MHN-SA2000W/956 A4 SI AM
Constant light output	No	Full product code	871829106900300
		Order code	06900300
Mechanical and Housing		Material Nr. (12NC)	910925747012
Housing Material	Aluminum	Numerator - Quantity Per Pack	1
Reflector material	Aluminum	EAN/UPC - Product/Case	8718291069003
Optic material	Aluminum	Numerator - Packs per outer box	1
Optical cover material	-	EAN/UPC - Case	8718291069003
Fixation material	Steel		
Housing Color	Aluminum		

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.

www.lighting.philips.com 2023, December 7 - data subject to change