PHILIPS Lighting



ArenaVision MVF403

MVF403 MHN-SA2000W A5 SI

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

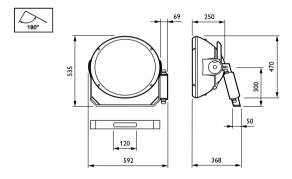
General Information	
Lamp family code	MHN-SA [MASTER MHN-SA]
Number of gear units	-
Gear	-
Product family code	MVF403 [ARENAVISION]
Value ladder	Specification
CE mark	Yes
Warranty period	1 years

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)	-

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Color rendering index (CRI)	-	Mounting device	Mounting bracket adjustable
Number of light sources	1	Optical cover shape	-
Light source color	-	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 A5		
		Approval and Application	
Operating and Electrical		Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
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 A5 SI
Dimmable	No	Full product name	MVF403 MHN-SA2000W A5 SI
Constant light output	No	Full product code	871829106949200
		Order code	06949200
Mechanical and Housing		Material Nr. (12NC)	910925432012
Housing Material	Aluminum	Numerator - Quantity Per Pack	1
Reflector material	Aluminum	EAN/UPC - Product/Case	8718291069492
Optic material	Aluminum	Numerator - Packs per outer box	1
Optical cover material	-	EAN/UPC - Case	8718291069492
Fixation material	Steel		
Housing Color	Aluminum		

Dimensional drawing



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