PHILIPS Lighting



ArenaVision MVF403

MVF403 MHN-LA1000W/956 A8 ESI

ARENAVISION, MASTER MHN-LA, 1000 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-LA [MASTER MHN-LA]	
Number of gear units	-	
Gear	-	
Product family code	MVF403 [ARENAVISION]	
Value ladder	Specification	
CE mark	Yes	
Warranty period	1 years	

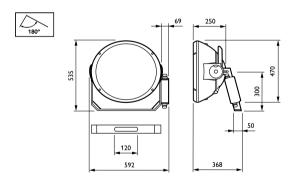
Flammability mark	-
ENEC mark	ENEC mark
EU RoHS compliant	Yes
Light Technical	
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	5600 K

ArenaVision MVF403

Color rendering index (CRI)	>90	Housing Color
Number of light sources	1	Mounting device
Light source color	956 daylight	Optical cover shape
Optical cover type	Front-glass downlighting version	Optical cover finish
Luminaire light beam spread	-	
Optic type outdoor	Beam category A8	Approval and Applicat
		Ingress protection code
Operating and Electrical		Mech. impact protection c
Input Voltage	230 V	Surge Protection (Commo
Line Frequency	50 to 60 Hz	Protection class IEC
Power Consumption	1,000 W	
Connection	Screw connector	Application Condition
Cable	-	Maximum dim level
Temperature		Product Data
Ambient temperature range	-30 to +35 ℃	Order product name
		Full product name
Controls and Dimming		Full product code
Dimmable	No	Order code
Constant light output	No	Material Nr. (12NC)
		Numerator - Quantity Per
Mechanical and Housing		EAN/UPC - Product/Case
Housing Material	Aluminum	Numerator - Packs per ou
Reflector material	Aluminum	EAN/UPC - Case
Optic material	Aluminum	
Optical cover material	-	
Fixation material	Steel	

Housing Color	Aluminum	
Mounting device	Mounting bracket adjustable	
Optical cover shape	-	
Optical cover finish	-	
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)	_	
Protection class IEC	Safety class I	
Application Conditions		
Maximum dim level	Not applicable	
Product Data		
Order product name	MVF403 MHN-LA1000W/956 A8 ESI	
Full product name	MVF403 MHN-LA1000W/956 A8 ESI	
Full product code	871829159899200	
Order code	910505014118	
Material Nr. (12NC)	910505014118	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8718291598992	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8718291598992	

Dimensional drawing



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www.lighting.philips.com 2023, December 2 - data subject to change