PHILIPS Lighting



ArenaVision MVF404

MVF404 MHN-SEH2000W/956 B1 SI

ARENAVISION, MASTER MHN-SE High Output, 2000 W, Beam category B1

The ArenaVision MVF404 floodlight – designed for outdoor sports stadiums – dramatically increases the theatrical and emotional impact of sports for TV audiences and spectators, while allowing the players to perform under optimal visual conditions. Thanks to the innovative Philips MHN-SE 2000 W high-output compact single-ended metal-halide lamp and high-tech single-piece precision optics, ArenaVision MVF404 offers much higher optical efficiency than ever before. In addition, this 2 kW floodlight boasts easy lamp fitting and replacement, full IP65 compliance, safety knife connector system and a breakthrough electronic hotrestrike solution – while continuing to deliver all the traditional benefits of Philips ArenaVision systems. The (optional) flicker-free version of ArenaVision MVF404 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 flickerfree version of ArenaVision MVF404 comes equipped with a special electronic ignitor, which works in combination with Philips' flicker-free electronic-ballast GearUnits (ECM330), to be ordered separately.

Product data

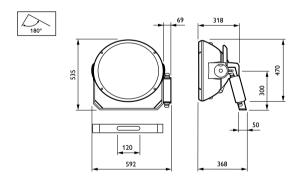
General Information		
Lamp family code	MHN-SEH [MASTER MHN-SE High Output]	
Number of gear units	-	
Gear	-	
Product family code	MVF404 [ARENAVISION]	
Value ladder	Specification	
CE mark	Yes	
Warranty period	1 years	
Flammability mark	-	

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
Color rendering index (CRI)	>90
Number of light sources	1

ArenaVision MVF404

Light source color	956 daylight	Optical cover shape	-
Optical cover type	Front-glass downlighting version	Optical cover finish	-
Luminaire light beam spread	-	Overall height	535 mm
Optic type outdoor	Beam category B1	Effective projected area	0.2 m ²
Operating and Electrical		Approval and Application	
Input Voltage	380 to 415 V	Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Line Frequency	50 to 60 Hz	Mech. impact protection code	IK08 [5 J vandal-protected]
Power Consumption	2,000 W	Surge Protection (Common/Differential)	-
Connection	Screw connector	Sustainability rating	-
Cable	-	Protection class IEC	Safety class I
Temperature		Application Conditions	
Ambient temperature range	-30 to +35 ℃	Maximum dim level	Not applicable
Controls and Dimming		Product Data	
Dimmable	No	Order product name	MVF404 MHN-SEH2000W/956 B1 SI
Constant light output	No	Full product name	MVF404 MHN-SEH2000W/956 B1 SI
		Full product code	872790050200800
Mechanical and Housing		Order code	50200800
Housing Material	Aluminum	Material Nr. (12NC)	910502218118
Reflector material	Aluminum	Numerator - Quantity Per Pack	1
Optic material	Aluminum	EAN/UPC - Product/Case	8727900502008
Optical cover material	-	Numerator - Packs per outer box	1
Fixation material	Steel	EAN/UPC - Case	8727900502008
Housing Color	Aluminum		
Mounting device	Mounting bracket adjustable		

Dimensional drawing



ArenaVision MVF404



© 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, June 30 - data subject to change