PHILIPS Lighting



ArenaVision MVF404

MVF404 MHN-SEH2000W/956 B7 SI

ARENAVISION, MASTER MHN-SE High Output, 2000 W, Beam category B7

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

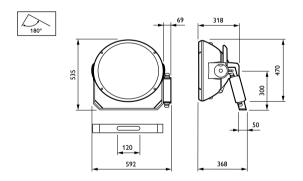
General Information		
Lamp family code	MHN-SEH [MASTER MHN-SE High Output]	
Number of gear units	-	
Gear	-	
Product family code	MVF404 [ARENAVISION]	
Value ladder	Specification	
CE mark	Yes	
Warranty period	1 years	
Flammability mark	-	

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

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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 B7	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 °C	Maximum dim level	Not applicable
Controls and Dimming		Product Data	
Dimmable	No	Order product name	MVF404 MHN-SEH2000W/956 B7 SI
Constant light output	No	Full product name	MVF404 MHN-SEH2000W/956 B7 SI
		Full product code	872790050206000
Mechanical and Housing		Order code	50206000
Housing Material	Aluminum	Material Nr. (12NC)	910502218718
Reflector material	Aluminum	Numerator - Quantity Per Pack	1
Optic material	Aluminum	EAN/UPC - Product/Case	8727900502060
Optical cover material	-	Numerator - Packs per outer box	1
Fixation material	Steel	EAN/UPC - Case	8727900502060
Housing Color	Aluminum		
Mounting device	Mounting bracket adjustable		

Dimensional drawing



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www.lighting.philips.com 2023, April 29 - data subject to change