PHILIPS Lighting



ArenaVision MVF404

MVF404 MHN-SEH2000W/956 B4 HRE AM

ARENAVISION, MASTER MHN-SE High Output, 2000 W, Beam category B4

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 igniter, which works in combination with Philips' electronic-ballast GearUnits (ECM330), to be ordered separately.

Product data

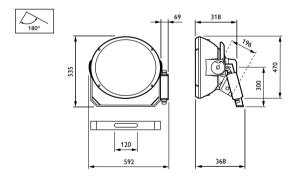
General Information			
Lamp family code	MHN-SEH [MASTER MHN-SE High Output]		
Number of gear units	-		
Gear	-		
Product family code	MVF404 [ARENAVISION]		
Value ladder	Specification		
CE mark	Yes		
Warranty period	1 years		
Flammability mark	-		

ENEC mark	ENEC mark
EU RoHS compliant	Yes
Light Technical	
Standard tilt angle post-top	-
Standard tilt angle side entry	-
Correlated Colour Temperature	5600 K
Colour rendering index (CRI)	>90
Light source colour	956 daylight

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Optical cover type	Front-glass downlighting version	Overall height	535 mm
Luminaire light beam spread	-	Effective projected area	0.2 m²
Optic type outdoor	Beam category B4		
		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 ℃		
		Product Data	
Controls and Dimming		Order product name	MVF404 MHN-SEH2000W/956 B4 HRE AM
Dimmable	No	Full product name	MVF404 MHN-SEH2000W/956 B4 HRE AM
Constant light output	No	Full EOC	872790050224400
		Local code description	MVF404B4HRA956
Mechanical and Housing		Order code	50224400
Housing material	Aluminium	Material no. (12 NC)	910502220518
Reflector material	Aluminium	Local order code	MVF404B4HRA956
Optic material	Aluminium	SAP numerator - quantity per pack	1
Optical cover/lens material	-	EAN/UPC — Product/Case	8727900502244
Fixation material	Steel	Numerator – packs per outer box	1
Housing Colour	Aluminium	EAN/UPC - Case	8727900502244
Mounting device	Mounting bracket adjustable		
Optical cover/lens shape	-		
Optical cover/lens finish	-		

Dimensional drawing



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www.lighting.philips.com 2023, April 16 - data subject to change