PHILIPS Lighting



ArenaVision MVF404

MVF404 MHN-SEH2000W/956 B8 ESI

ARENAVISION, MASTER MHN-SE High Output, 2000 W, Beam category B8

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

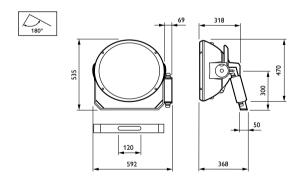
General Information	
Lamp family code	MHN-SEH [MASTER MHN-SE High Output]
Number of gear units	-
Gear	-
Product family code	MVF404 [ARENAVISION]
Value ladder	Specification
CE mark	Yes
Warranty period	1 years
Flammability mark	-

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	Optical cover/lens finish	-
Luminaire light beam spread	-	Overall height	535 mm
Optic type outdoor	Beam category B8	Effective projected area	0.2 m²
Operating and Electrical		Approval and Application	
Input Voltage	380 to 415 V	Ingress protection code	IP65 [Dust penetration-protected, jet-pro
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 B8 ESI
Constant light output	No	Full product name	MVF404 MHN-SEH2000W/956 B8 ESI
		Full EOC	871829159907400
Mechanical and Housing		Order code	59907400
Housing material	Aluminium	Material no. (12 NC)	910505014918
Reflector material	Aluminium	SAP numerator – quantity per pack	1
Optic material	Aluminium	EAN/UPC — Product/Case	8718291599074
Optical cover/lens material	-	Numerator – packs per outer box	1
Fixation material	Steel	EAN/UPC - Case	8718291599074
Housing Colour	Aluminium		
Mounting device	Mounting bracket adjustable		
Optical cover/lens shape	_		

Dimensional drawing



ArenaVision MVF404



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