

ArenaVision MVF404

MVF404 MHN-SEH2000W/956 B5 ESI

ARENAVISION, MASTER MHN-SE High Output, 2000 W, Beam category B5

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 hot-restrike 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 flicker-free 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 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 type	Front-glass downlighting version
Luminaire light beam spread	-
Optic type outdoor	Beam category B5

Optical cover shape	-
Optical cover finish	-
Overall height	535 mm
Effective projected area	0.2 m²

Operating and Electrical

Input Voltage	380 to 415 V
Line Frequency	50 to 60 Hz
Power Consumption	2,000 W
Connection	Screw connector
Cable	-

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)	-
Sustainability rating	-
Protection class IEC	Safety class I

Temperature

Ambient temperature range	-30 to +35 °C

Application Conditions

Maximum dim level	Not applicable

Controls and Dimming

Dimmable	No
Constant light output	No

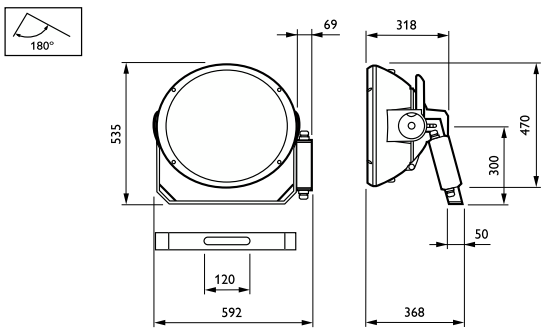
Product Data

Order product name	MVF404 MHN-SEH2000W/956 B5 ESI
Full product name	MVF404 MHN-SEH2000W/956 B5 ESI
Full product code	871829159904300
Order code	910505014618
Material Nr. (12NC)	910505014618
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291599043
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291599043

Mechanical and Housing

Housing Material	Aluminum
Reflector material	Aluminum
Optic material	Aluminum
Optical cover material	-
Fixation material	Steel
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, April 16 - data subject to change