PHILIPS

Lighting



ArenaVision MVF404

MVF404 MHN-SEH2000W/956 B4 ESI

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 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 B4

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

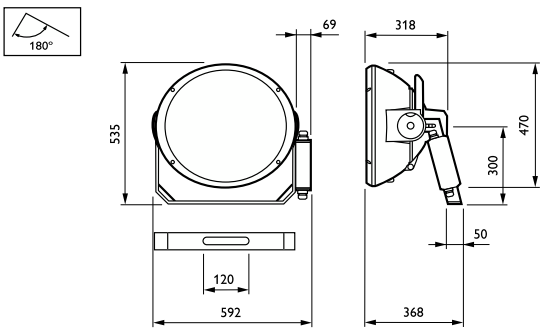
Product Data

Order product name	MVF404 MHN-SEH2000W/956 B4 ESI
Full product name	MVF404 MHN-SEH2000W/956 B4 ESI
Full product code	871829159903600
Order code	910505014518
Material Nr. (12NC)	910505014518
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291599036
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291599036

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



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2023, April 16 - data subject to change