



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 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 |
| | |

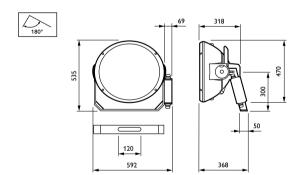
Datasheet, 2023, April 16 data subject to change

ArenaVision MVF404

| Light source color | 956 daylight |
|-----------------------------|----------------------------------|
| Optical cover type | Front-glass downlighting version |
| Luminaire light beam spread | - |
| Optic type outdoor | Beam category B8 |
| | |
| Operating and Electrical | |
| Input Voltage | 380 to 415 V |
| Line Frequency | 50 to 60 Hz |
| Power Consumption | 2,000 W |
| Connection | Screw connector |
| Cable | - |
| | |
| Temperature | |
| Ambient temperature range | -30 to +35 ℃ |
| | |
| Controls and Dimming | |
| Dimmable | No |
| Constant light output | No |
| | |
| 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 |
| | |

| Optical cover shape | - |
|--|--|
| Optical cover finish | - |
| Overall height | 535 mm |
| Effective projected area | 0.2 m² |
| | |
| 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 |
| | |
| Application Conditions | |
| Maximum dim level | Not applicable |
| | |
| Product Data | |
| Order product name | MVF404 MHN-SEH2000W/956 B8 ESI |
| Full product name | MVF404 MHN-SEH2000W/956 B8 ESI |
| Full product code | 871829159907400 |
| Order code | 910505014918 |
| Material Nr. (12NC) | 910505014918 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718291599074 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718291599074 |

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.