PHILIPS Lighting



ArenaVision MVF404

MVF404 MHN-SEH2000W/956 B3 ESI

ARENAVISION, MASTER MHN-SE High Output, 2000 W, Beam category B3

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

Product data

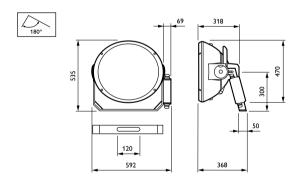
| General Information | | |
|----------------------|-------------------------------------|--|
| Lamp family code | MHN-SEH [MASTER MHN-SE High Output] | |
| Number of gear units | - | |
| Gear | - | |
| Product family code | MVF404 [ARENAVISION] | |
| Value ladder | Specification | |
| CE mark | Yes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

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| Light source color | 956 daylight | Optical cover shape | - |
|-----------------------------|----------------------------------|--|--|
| Optical cover type | Front-glass downlighting version | Optical cover finish | - |
| Luminaire light beam spread | - | Overall height | 535 mm |
| Optic type outdoor | Beam category B3 | Effective projected area | 0.2 m ² |
| Operating and Electrical | | Approval and Application | |
| Input Voltage | 380 to 415 V | Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| 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 ℃ | Maximum dim level | Not applicable |
| Controls and Dimming | | Product Data | |
| Dimmable | No | Order product name | MVF404 MHN-SEH2000W/956 B3 ESI |
| Constant light output | No | Full product name | MVF404 MHN-SEH2000W/956 B3 ESI |
| | | Full product code | 871829159902900 |
| Mechanical and Housing | | Order code | 59902900 |
| Housing Material | Aluminum | Material Nr. (12NC) | 910505014418 |
| Reflector material | Aluminum | Numerator - Quantity Per Pack | 1 |
| Optic material | Aluminum | EAN/UPC - Product/Case | 8718291599029 |
| Optical cover material | - | Numerator - Packs per outer box | 1 |
| Fixation material | Steel | EAN/UPC - Case | 8718291599029 |
| Housing Color | Aluminum | | |
| Mounting device | Mounting bracket adjustable | | |
| | | | |

Dimensional drawing



ArenaVision MVF404



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www.lighting.philips.com 2023, June 30 - data subject to change