



ArenaVision MVF404

MVF404 MHN-SEH2000W/956 B2 HRE

ARENAVISION, MASTER MHN-SE High Output, 2000 W, Beam category B2

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 | | ENEC mark | |
|----------------------|-------------------------------------|--------------------------------|--------------|
| Lamp family code | MHN-SEH [MASTER MHN-SE High Output] | EU RoHS compliant | Yes |
| Number of gear units | - | Light Technical | |
| Gear | - | Standard tilt angle post-top | - |
| Product family code | MVF404 [ARENAVISION] | Standard tilt angle side entry | - |
| Value ladder | Specification | Correlated Colour Temperature | 5600 K |
| CE mark | Yes | Colour rendering index (CRI) | >90 |
| Warranty period | 1 years | Light source colour | 956 daylight |
| Flammability mark | - | | |

ArenaVision MVF404

| | |
|-----------------------------|----------------------------------|
| Optical cover type | Front-glass downlighting version |
| Luminaire light beam spread | - |
| Optic type outdoor | Beam category B2 |

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 °C |
|---------------------------|---------------|

Controls and Dimming

| | |
|-----------------------|----|
| Dimmable | No |
| Constant light output | No |

Mechanical and Housing

| | |
|-----------------------------|-----------------------------|
| Housing material | Aluminium |
| Reflector material | Aluminium |
| Optic material | Aluminium |
| Optical cover/lens material | - |
| Fixation material | Steel |
| Housing Colour | Aluminium |
| Mounting device | Mounting bracket adjustable |
| Optical cover/lens shape | - |
| Optical cover/lens 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 B2 HRE |
| Full product name | MVF404 MHN-SEH2000W/956 B2 HRE |
| Full EOC | 872790050208400 |
| Local code description | MVF404B2HR956 |
| Order code | 50208400 |
| Material no. (12 NC) | 910502218918 |
| Local order code | MVF404B2HR956 |
| SAP numerator – quantity per pack | 1 |
| EAN/UPC – Product/Case | 8727900502084 |
| Numerator – packs per outer box | 1 |
| EAN/UPC - Case | 8727900502084 |

Dimensional drawing



