



ArenaVision MVF404

MVF404 MHN-SEH2000W/956 B1 SI

ARENAVISION - MASTER MHN-SE High Output - 2000 W -
Beam category B1

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 | | Luminaire light beam spread | |
|-------------------------|--|-----------------------------|--------------------------|
| Number of light sources | 1 [1 pc] | Connection | SCREW [Screw connector] |
| Lamp family code | MHN-SEH [MASTER MHN-SE High Output] | Cable | - |
| Lamp power | 2000 W | Protection class IEC | Safety class I (I) |
| Lamp colour code | 956 daylight | Flammability mark | NO [-] |
| Kombipack | Lamp(s) included | CE mark | Yes |
| Number of gear units | - | ENEC mark | ENEC mark |
| Gear | - | Warranty period | 1 years |
| Optical cover/lens type | DOWN [Front-glass downlighting version] | Optic type outdoor | Beam category B1 |

ArenaVision MVF404

| | |
|-----------------------|-----------------------|
| Aiming memory | - |
| Constant light output | No |
| EU RoHS compliant | Yes |
| Product family code | MVF404 [ARENAVISION] |

Light technical

| | |
|--------------------------------|---|
| Standard tilt angle post-top | - |
| Standard tilt angle side entry | - |

Operating and electrical

| | |
|---------------------|--------------|
| Lamp supply voltage | 400 V [400] |
| Input Voltage | 380 to 415 V |
| Input frequency | 50 to 60 Hz |
| Ignitor | SI [Series] |

Controls and dimming

| | |
|----------|----|
| Dimmable | No |
|----------|----|

Mechanical and housing

| | |
|-----------------------------|------------------------------------|
| Housing material | Aluminium |
| Reflector material | Aluminium |
| Optic material | Aluminium |
| Optical cover/lens material | - |
| Fixation material | Steel |
| Mounting device | MBA [Mounting bracket adjustable] |
| Optical cover/lens shape | - |
| Optical cover/lens finish | - |
| Overall height | 535 mm |
| Effective projected area | 0.2 m ² |
| Colour | Aluminium |

| | |
|-------------------------------------|--------------------|
| Dimensions (height x width x depth) | 535 x NaN x NaN mm |
|-------------------------------------|--------------------|

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 | - |

Initial performance (IEC compliant)

| | |
|-------------------------|--------|
| Lamp colour temperature | 5600 K |
| Colour Rendering Index | >90 |

Application conditions

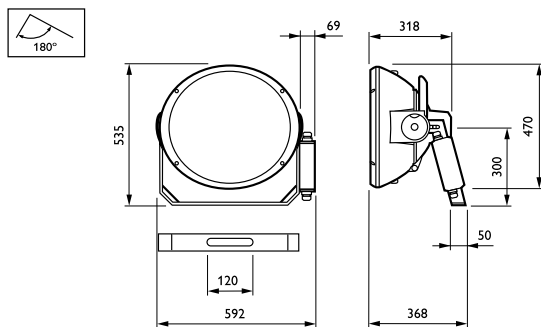
| | |
|---------------------------|----------------|
| Ambient temperature range | -30 to +35 °C |
| Maximum dimming level | Not applicable |

Product data

| | |
|-----------------------------------|---|
| Full product code | 872790050200800 |
| Order product name | MVF404 MHN-SEH2000W/956 B1 SI |
| EAN/UPC – product | 8727900502008 |
| Order code | 910502218118 |
| SAP numerator – quantity per pack | 1 |
| Local code description | LUMINARIA MVF404 MHN-SEH2000W/956 B1 SI |
| Numerator – packs per outer box | 1 |
| SAP material | 910502218118 |
| Net Weight (Piece) | 14.500 kg |



Dimensional drawing



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