



# ArenaVision MVF404

## MVF404 MHN-SEH2000W/956 B4 SI

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  |                                     | 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 posttop        | -      |
| Product family code  | MVF404 [ARENAVISION]                | Standard tilt angle side entry     | -      |
| Value ladder         | Specification                       | Correlated Color Temperature (Nom) | 5600 K |
| CE mark              | Yes                                 | Color rendering index (CRI)        | >90    |
| Warranty period      | 1 years                             | Number of light sources            | 1      |
| Flammability mark    | -                                   |                                    |        |

ArenaVision MVF404

|                             |                                  |
|-----------------------------|----------------------------------|
| Light source color          | 956 daylight                     |
| Optical cover type          | Front-glass downlighting version |
| Luminaire light beam spread | -                                |
| Optic type outdoor          | Beam category B4                 |

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       | 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 B4 SI |
| Full product name               | MVF404 MHN-SEH2000W/956 B4 SI |
| Full product code               | 872790050203900               |
| Order code                      | 910502218418                  |
| Material Nr. (12NC)             | 910502218418                  |
| Numerator - Quantity Per Pack   | 1                             |
| EAN/UPC - Product/Case          | 8727900502039                 |
| Numerator - Packs per outer box | 1                             |
| EAN/UPC - Case                  | 8727900502039                 |

Dimensional drawing



