



# ArenaVision MVF403

## MVF403 MHN-SA2000W A1 SI

ARENAVISION, MASTER MHN-SA, 2000 W

ArenaVision MVF403 takes sports floodlighting to the highest level, offering very high light output, optical efficiency, ease of installation, reliability and flexibility. It is ideal for indoor sports halls (1000 W version) as well as many outdoor sports and other lighting applications. The integrated system of oval optics and compact double-ended MHN-LA 1000W or MHN-SA HO 2000W lamps ensures outstanding system efficiency and low glare. A built-in reflector skirt reduces spill light and glare even further. The MHN-SA HO 2000W/956 and MHN-LA 1000W/956 lamps meet the highest international CTV requirements. With the MHN-LA 1000W/842 lamp, the natural colour rendering and comfortable atmosphere are well suited to TV and filming as well as other floodlighting applications. Hot re-strike versions are available for all lamp types, enabling immediate restoration of lighting after power supply failure. The (optional) flicker-free version of ArenaVision MVF403 MHN-LA 1000W 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 MVF403 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-SA [MASTER MHN-SA] | Flammability mark                  | -         |
| Number of gear units | -                      | ENEC mark                          | ENEC mark |
| Gear                 | -                      | EU RoHS compliant                  | Yes       |
| Product family code  | MVF403 [ARENAVISION]   | Light Technical                    |           |
| Value ladder         | Specification          | Standard tilt angle posttop        | -         |
| CE mark              | Yes                    | Standard tilt angle side entry     | -         |
| Warranty period      | 1 years                | Correlated Color Temperature (Nom) | -         |

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|                             |                                  |
|-----------------------------|----------------------------------|
| Color rendering index (CRI) | -                                |
| Number of light sources     | 1                                |
| Light source color          | -                                |
| Optical cover type          | Front-glass downlighting version |
| Luminaire light beam spread | -                                |
| Optic type outdoor          | Beam category A1                 |

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 | 0.19 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                               |

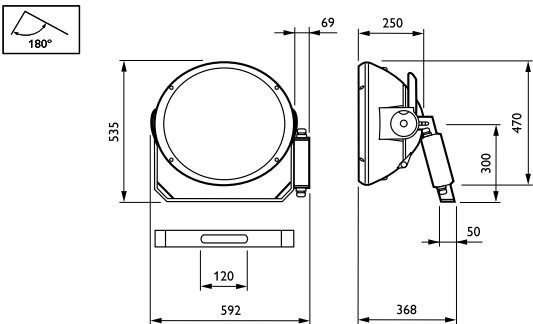
Application Conditions

|                   |                |
|-------------------|----------------|
| Maximum dim level | Not applicable |
|-------------------|----------------|

Product Data

|                                 |                          |
|---------------------------------|--------------------------|
| Order product name              | MVF403 MHN-SA2000W A1 SI |
| Full product name               | MVF403 MHN-SA2000W A1 SI |
| Full product code               | 871829106945400          |
| Order code                      | 910925431612             |
| Material Nr. (12NC)             | 910925431612             |
| Numerator - Quantity Per Pack   | 1                        |
| EAN/UPC - Product/Case          | 8718291069454            |
| Numerator - Packs per outer box | 1                        |
| EAN/UPC - Case                  | 8718291069454            |

Dimensional drawing



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