



# ArenaVision MVF403

## MVF403 MHN-SA2000W/956 A7 HRE

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  |                        | Light Technical                |           |
|----------------------|------------------------|--------------------------------|-----------|
| 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]   | Standard tilt angle post-top   | -         |
| Value ladder         | Specification          | Standard tilt angle side entry | -         |
| CE mark              | Yes                    | Correlated Colour Temperature  | 5600 K    |
| Warranty period      | 1 years                |                                |           |

ArenaVision MVF403

|                              |                                  |
|------------------------------|----------------------------------|
| Colour rendering index (CRI) | >90                              |
| Light source colour          | 956 daylight                     |
| Optical cover type           | Front-glass downlighting version |
| Luminaire light beam spread  | -                                |
| Optic type outdoor           | Beam category A7                 |

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  | 0.19 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                               |

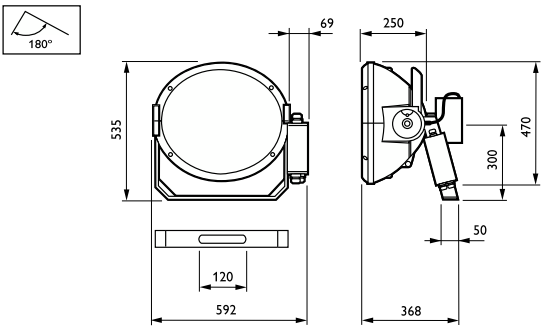
Application Conditions

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

Product Data

|                                   |                               |
|-----------------------------------|-------------------------------|
| Order product name                | MVF403 MHN-SA2000W/956 A7 HRE |
| Full product name                 | MVF403 MHN-SA2000W/956 A7 HRE |
| Full EOC                          | 871829106911900               |
| Order code                        | 06911900                      |
| Material no. (12 NC)              | 910925748112                  |
| SAP numerator – quantity per pack | 1                             |
| EAN/UPC – Product/Case            | 8718291069119                 |
| Numerator – packs per outer box   | 1                             |
| EAN/UPC - Case                    | 8718291069119                 |

Dimensional drawing



## ArenaVision MVF403

