



# **ArenaVision MVF403**

## MVF403 MHN-SA2000W/956 A5 HRE AM

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 color 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 ignitor, which works in combination with Philips' electronic flicker-free ballast GearUnits (ECM330), to be ordered separately.

#### **Product data**

| Flammability mark                  | -         |
|------------------------------------|-----------|
| ENEC mark                          | ENEC mark |
| EU RoHS compliant                  | Yes       |
|                                    |           |
| Light Technical                    |           |
| Standard tilt angle posttop        | -         |
| Standard tilt angle side entry     | -         |
| Correlated Color Temperature (Nom) | 5600 K    |

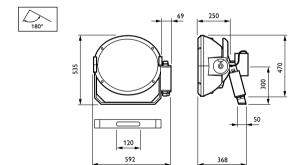
Datasheet, 2023, November 23 data subject to change

### **ArenaVision MVF403**

| Color rendering index (CRI) | >90                              |
|-----------------------------|----------------------------------|
| Number of light sources     | 1                                |
| Light source color          | 956 daylight                     |
| Optical cover type          | Front-glass downlighting version |
| Luminaire light beam spread | -                                |
| Optic type outdoor          | Beam category A5                 |
|                             |                                  |
| 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 ℃                     |
|                             |                                  |
| 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                               |
|  |  |
| <b>Application Conditions</b>          |  |
| Maximum dim level                      | Not applicable                               |
|  |  |
| Product Data                           |  |
| Order product name                     | MVF403 MHN-SA2000W/956 A5 HRE AM             |
| Full product name                      | MVF403 MHN-SA2000W/956 A5 HRE AM             |
| Full product code                      | 871829106893800                              |
| Order code                             | 910925746312                                 |
| Material Nr. (12NC)                    | 910925746312                                 |
| Numerator - Quantity Per Pack          | 1  |
| EAN/UPC - Product/Case                 | 8718291068938                                |
| Numerator - Packs per outer box        | 1  |
| EAN/UPC - Case                         | 8718291068938                                |
|  |  |

# Dimensional drawing



### **ArenaVision MVF403**



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