# **PHILIPS** Lighting



## **ArenaVision MVF403**

### MVF403 MHN-LA1000W/956 A5 SI

#### ARENAVISION, MASTER MHN-LA, 1000 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**

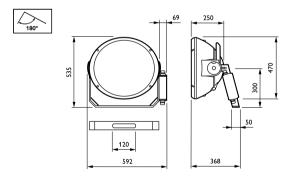
| General Information  |                        |
|----------------------|------------------------|
| Lamp family code     | MHN-LA [MASTER MHN-LA] |
| Number of gear units | -                      |
| Gear                 | -                      |
| Product family code  | MVF403 [ARENAVISION]   |
| Value ladder         | Specification          |
| CE mark              | Yes                    |
| Warranty period      | 1 years                |
|                      |                        |

| 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    |
|                                    |           |

#### ArenaVision MVF403

| Color rendering index (CRI) | >90                              | Mounting device                       | Mounting bracket adjustable                 |
|-----------------------------|----------------------------------|---------------------------------------|---|
| Number of light sources     | 1                                | Optical cover shape                   | -   |
| Light source color          | 956 daylight                     | Optical cover finish                  | -   |
| Optical cover type          | Front-glass downlighting version | Overall height                        | 535 mm                                      |
| Luminaire light beam spread | -                                | Effective projected area              | 0.19 m²                                     |
| Optic type outdoor          | Beam category A5                 |                                       |   |
|                             |                                  | Approval and Application              |   |
| Operating and Electrical    |                                  | Ingress protection code               | IP65 [Dust penetration-protected, jet-proof |
| Input Voltage               | 230 V                            | Mech. impact protection code          | IK08 [5 J vandal-protected]                 |
| Line Frequency              | 50 to 60 Hz                      | Surge Protection (Common/Differential |   |
| Power Consumption           | 1,000 W                          | Sustainability rating                 | _   |
| Connection                  | Screw connector                  | Protection class IEC                  | Safety class I                              |
| Cable                       | _                                |                                       |   |
|                             |                                  | Application Conditions                |   |
| Temperature                 |                                  | Maximum dim level                     | Not applicable                              |
| Ambient temperature range   | −30 to +35 °C                    |                                       |   |
|                             |                                  | Product Data                          |   |
| Controls and Dimming        |                                  | Order product name                    | MVF403 MHN-LA1000W/956 A5 SI                |
| Dimmable                    | No                               | Full product name                     | MVF403 MHN-LA1000W/956 A5 SI                |
| Constant light output       | No                               | Full product code                     | 872790050269500                             |
|                             |                                  | Order code                            | 910502223518                                |
| Mechanical and Housing      |                                  | Material Nr. (12NC)                   | 910502223518                                |
| Housing Material            | Aluminum                         | Numerator - Quantity Per Pack         | 1   |
| Reflector material          | Aluminum                         | EAN/UPC - Product/Case                | 8727900502695                               |
| Optic material              | Aluminum                         | Numerator - Packs per outer box       | 1   |
| Optical cover material      | -                                | EAN/UPC - Case                        | 8727900502695                               |
| Fixation material           | Steel                            |                                       |   |
| Housing Color               | Aluminum                         |                                       |   |

#### Dimensional drawing



ArenaVision MVF403



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