PHILIPS Lighting



ArenaVision MVF403

MVF403 MHN-SA2000W A4 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

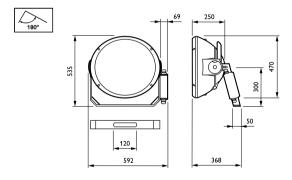
| General Information | | |
|----------------------|------------------------|--|
| Lamp family code | MHN-SA [MASTER MHN-SA] | |
| Number of gear units | - | |
| Gear | - | |
| Product family code | MVF403 [ARENAVISION] | |
| Value ladder | Specification | |
| CE mark | Yes | |
| Warranty period | 1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

ArenaVision MVF403

| Color rendering index (CRI) | - | Mounting device | Mounting bracket adjustable |
|-----------------------------|----------------------------------|--|--|
| Number of light sources | 1 | Optical cover shape | - |
| Light source color | - | 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 A4 | | |
| | | Approval and Application | |
| Operating and Electrical | | Ingress protection code | IP65 [Dust penetration-protected, jet-proof] |
| Input Voltage | 380 to 415 V | Mech. impact protection code | IK08 [5 J vandal-protected] |
| Line Frequency | 50 to 60 Hz | Surge Protection (Common/Differential) | - |
| Power Consumption | 2,000 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-SA2000W A4 SI |
| Dimmable | No | Full product name | MVF403 MHN-SA2000W A4 SI |
| Constant light output | No | Full product code | 871829106948500 |
| | | Order code | 910925431912 |
| Mechanical and Housing | | Material Nr. (12NC) | 910925431912 |
| Housing Material | Aluminum | Numerator - Quantity Per Pack | 1 |
| Reflector material | Aluminum | EAN/UPC - Product/Case | 8718291069485 |
| Optic material | Aluminum | Numerator - Packs per outer box | 1 |
| Optical cover material | - | EAN/UPC - Case | 8718291069485 |
| Fixation material | Steel | | |
| Housing Color | Aluminum | | |

Dimensional drawing



ArenaVision MVF403



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www.lighting.philips.com 2023, April 17 - data subject to change