



ArenaVision MVF403

MVF403 MHN-SA2000W/956 A1 SI 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

| 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) | 5600 K |

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 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/956 A1 SI AM |
| Full product name | MVF403 MHN-SA2000W/956 A1 SI AM |
| Full product code | 871829106897600 |
| Order code | 910925746712 |
| Material Nr. (12NC) | 910925746712 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718291068976 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718291068976 |

Dimensional drawing



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