



MVF403

ArenaVision MVF403

ArenaVision MVF403 takes this world-famous sports floodlighting luminaire to new heights of performance. The world-class design offers increased light output, optical efficiency, ease of installation, reliability and flexibility. MVF403, like its well-known brother MVF401, is the sports lighting system specially designed to increase dramatically the theatrical and emotional values of sports for TV audiences, spectators and players alike.

Main applications

- Outdoor sports lighting
- Architectural floodlighting
- Indoor sports halls

Features

- Together with the unique oval optics, the MHN-SA 2000W lamp guarantees the highest possible system efficiency, low glare and best-ever lighting levels on the field
- Built-in reflector reduces spill light and glare even further
- Rear opening access for easy lamp replacement
- Housing dustproof and waterproof to IP65; no internal cleaning required
- MHN-LA lamp version equipped as standard with series ignitor and terminal block in an aluminium connection box on the bracket.
- Wire mesh to prevent large pieces of glass falling out
- Optional safety switch to cut off current when luminaire is opened (requires additional contactor - supplied by others)
- Uplighting versions available (220/240 V MHN-LA 1000W and MHN-SA 1800W) for architectural lighting
- Integrated system of optics, gear and transverse MHN-SA 1800W, MHN-SA 2000W or MHN-LA 1000W lamp in a single housing, ensuring high efficiency and low glare

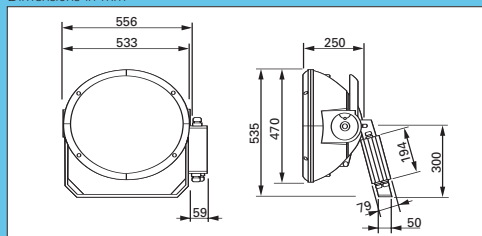
Materials and finish

- Non-corrosive, high-pressure die-cast aluminum housing and hinged rear cover
- Anodized and brightened 99.98% aluminum reflector
- Chemically toughened 1.6 mm-thick glass, for downlighting versions, and 4 mm-thick ceramic glass for the uplighting versions
- Stainless-steel clips for direct access to the lamp
- Hot-dipped galvanized steel mounting bracket painted in black

Installation

- Light weight and easy to carry thanks to the integrated handle. The floodlight has a 360° mounting bracket adjustment. MVF403 has precision aiming facilities at both the top and bottom of the housing for use in conjunction with the ZVF403 PAD accessory. Alternatively, the ZVF401 SAD simple aiming device can be used. Horizontal adjustment of the floodlight is possible to allow close group arrangements.
- An aiming memory, which safeguards the original aiming position of the luminaire during servicing, is available as an option. Ambient temperature: 35 °C outdoor (25 °C indoor) for 1800/2000W versions and 45 °C (indoor and outdoor) for 1000W versions. Projected area under 70° = 0.20 m², drag factor C_x = 0.93.

Dimensions in mm



Accessories

- External louvre
- Simple aiming device
- Precision aiming device
- Colour filters

Classifications

- IP 65
- Class I
- Complies with IEC 598



Preferred selection

Product ID	Weight (kg)	Comm Code
MVF403 C MHN-SA1800W 220-240V A1	13.8	911401054480
MVF403 C MHN-SA1800W 220-240V A2	13.8	911401055580
MVF403 C MHN-SA1800W 220-240V A3	13.8	911401055680
MVF403 C MHN-SA1800W 220-240V A4	13.8	911401055780
MVF403 C MHN-SA1800W 220-240V A5	13.8	911401055880
MVF403 C MHN-SA1800W 220-240V A6	13.8	911401055980
MVF403 C MHN-SA1800W 220-240V A7	13.8	911401056080
MVF403 C MHN-SA1800W 220-240V A1 UP	13.8	911401060780
MVF403 C MHN-SA1800W 220-240V A2 UP	13.8	911401056180
MVF403 C MHN-SA1800W 220-240V A3 UP	13.8	911401060880
MVF403 C MHN-SA1800W 220-240V A5 UP	13.8	911401060980
MVF403 C MHN-SA1800W 220-240V A6 UP	13.8	911401056280
MVF403 C MHN-SA1800W 220-240V A7 UP	13.8	911401054580
MVF403 C MHN-LA1000W 220-240V A1	13.8	911401054680
MVF403 C MHN-LA1000W 220-240V A2	13.8	911401054780
MVF403 C MHN-LA1000W 220-240V A3	13.8	911401054880
MVF403 C MHN-LA1000W 220-240V A4	13.8	911401054980
MVF403 C MHN-LA1000W 220-240V A5	13.8	911401055080
MVF403 C MHN-LA1000W 220-240V A6	13.8	911401055180
MVF403 C MHN-LA1000W 220-240V A7	13.8	911401055280
MVF403 C MHN-LA1000W 220-240V A1 UP	13.8	910721100080
MVF403 C MHN-LA1000W 220-240V A2 UP	13.8	911401055380
MVF403 C MHN-LA1000W 220-240V A3 UP	13.8	911401050780
MVF403 C MHN-LA1000W 220-240V A4 UP	13.8	911401055480
MVF403 C MHN-LA1000W 220-240V A5 UP	13.8	911401050980
MVF403 C MHN-LA1000W 220-240V A6 UP	13.8	911401050880
MVF403 C MHN-LA1000W 220-240V A7 UP	13.8	911401051080