



MVF 403

ArenaVision MVF403

The new ArenaVision 403 takes this world-famous sports floodlighting luminaire to new heights of performance. Every aspect has been improved, including: design, power, efficiency, ease of installation, reliability and flexibility.

Benefits

- Innovative floodlights designed around Philips' world-class double-ended lamps; dedicated optics ensure maximum optical efficiency and enable accurate light distribution with a minimum of spill light
- Philips quartz metal-halide lamps meet the most demanding lighting and TV broadcast requirements with excellent color rendering
- The flicker-free version completely eliminates flicker effect, thereby guaranteeing perfect images filmed with super-slow-motion cameras

Features

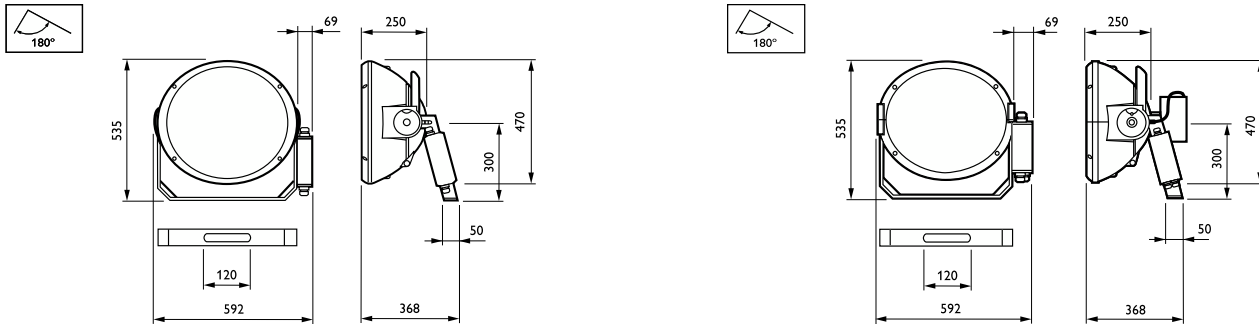
- High-output double-ended metal-halide lamps with excellent color rendering and lifetime
- Dedicated precision optics
- Safety switch
- Electronic hot-restrike
- Complete Philips lamp, optic and gear system
- Flicker-free light version for super-slow-motion cameras

Application

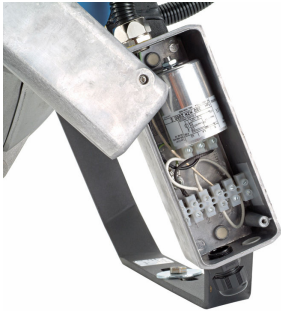
- Outdoor sport stadiums
- Indoor sport halls

ArenaVision MVF403

Dimensional drawing



Product details



OPDP_MVF403i_0027-Detail
photo

ArenaVision MVF403

General Information	
CE mark	Yes
Flammability mark	-
Gear	-
Number of gear units	-
Product family code	MVF403
Light Technical	
Luminaire light beam spread	-
Optical cover type	Front-glass downlighting version
Number of light sources	1
Standard tilt angle side entry	-
Standard tilt angle posttop	-
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Color	Aluminum
Approval and Application	
Mech. impact protection code	IK08
Ingress protection code	IP65
Surge Protection (Common/ Differential)	-
Application Conditions	
Maximum dim level	Not applicable

General Information

Order Code	Full Product Name	Lamp family code
50265700	MVF403 MHN-LA1000W/956 A1 SI	MHN-LA
50266400	MVF403 MHN-LA1000W/956 A2 SI	MHN-LA
50267100	MVF403 MHN-LA1000W/956 A3 SI	MHN-LA
50268800	MVF403 MHN-LA1000W/956 A4 SI	MHN-LA
50269500	MVF403 MHN-LA1000W/956 A5 SI	MHN-LA
50270100	MVF403 MHN-LA1000W/956 A6 SI	MHN-LA
50271800	MVF403 MHN-LA1000W/956 A7 SI	MHN-LA
50272500	MVF403 MHN-LA1000W/956 A8 SI	MHN-LA
39888200	MVF403 MHN-LA1000W/956 A4 HRE	MHN-LA
39889900	MVF403 MHN-LA1000W/956 A5 HRE	MHN-LA
39890500	MVF403 MHN-LA1000W/956 A6 HRE	MHN-LA
06935500	MVF403 MHN-SA2000W A7 SI AM	MHN-SA
06945400	MVF403 MHN-SA2000W A1 SI	MHN-SA
06946100	MVF403 MHN-SA2000W A2 SI	MHN-SA
06947800	MVF403 MHN-SA2000W A3 SI	MHN-SA
06948500	MVF403 MHN-SA2000W A4 SI	MHN-SA
06949200	MVF403 MHN-SA2000W A5 SI	MHN-SA
06950800	MVF403 MHN-SA2000W A6 SI	MHN-SA
06951500	MVF403 MHN-SA2000W A7 SI	MHN-SA
06889100	MVF403 MHN-SA2000W/956 A1 HRE AM	MHN-SA
06890700	MVF403 MHN-SA2000W/956 A2 HRE AM	MHN-SA
06894500	MVF403 MHN-SA2000W/956 A6 HRE AM	MHN-SA
06897600	MVF403 MHN-SA2000W/956 A1 SI AM	MHN-SA
06898300	MVF403 MHN-SA2000W/956 A2 SI AM	MHN-SA
06899000	MVF403 MHN-SA2000W/956 A3 SI AM	MHN-SA
06900300	MVF403 MHN-SA2000W/956 A4 SI AM	MHN-SA
06901000	MVF403 MHN-SA2000W/956 A5 SI AM	MHN-SA
06902700	MVF403 MHN-SA2000W/956 A6 SI AM	MHN-SA
06903400	MVF403 MHN-SA2000W/956 A7 SI AM	MHN-SA
06906500	MVF403 MHN-SA2000W/956 A2 HRE	MHN-SA
06907200	MVF403 MHN-SA2000W/956 A3 HRE	MHN-SA
06908900	MVF403 MHN-SA2000W/956 A4 HRE	MHN-SA
06909600	MVF403 MHN-SA2000W/956 A5 HRE	MHN-SA
06910200	MVF403 MHN-SA2000W/956 A6 HRE	MHN-SA
06911900	MVF403 MHN-SA2000W/956 A7 HRE	MHN-SA
06913300	MVF403 MHN-SA2000W/956 A1 SI	MHN-SA
06914000	MVF403 MHN-SA2000W/956 A2 SI	MHN-SA
06915700	MVF403 MHN-SA2000W/956 A3 SI	MHN-SA
06916400	MVF403 MHN-SA2000W/956 A4 SI	MHN-SA
06917100	MVF403 MHN-SA2000W/956 A5 SI	MHN-SA
06918800	MVF403 MHN-SA2000W/956 A6 SI	MHN-SA
06919500	MVF403 MHN-SA2000W/956 A7 SI	MHN-SA

Light Technical

ArenaVision MVF403

Order Code	Full Product Name	Light source color	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Optic type outdoor
50265700	MVF403 MHN-LA1000W/956 A1 SI	956 daylight	5600 K	>90	Beam category A1
50266400	MVF403 MHN-LA1000W/956 A2 SI	956 daylight	5600 K	>90	Beam category A2
50267100	MVF403 MHN-LA1000W/956 A3 SI	956 daylight	5600 K	>90	Beam category A3
50268800	MVF403 MHN-LA1000W/956 A4 SI	956 daylight	5600 K	>90	Beam category A4
50269500	MVF403 MHN-LA1000W/956 A5 SI	956 daylight	5600 K	>90	Beam category A5
50270100	MVF403 MHN-LA1000W/956 A6 SI	956 daylight	5600 K	>90	Beam category A6
50271800	MVF403 MHN-LA1000W/956 A7 SI	956 daylight	5600 K	>90	Beam category A7
50272500	MVF403 MHN-LA1000W/956 A8 SI	956 daylight	5600 K	>90	Beam category A8
39888200	MVF403 MHN-LA1000W/956 A4 HRE	956 daylight	5600 K	>90	Beam category A4
39889900	MVF403 MHN-LA1000W/956 A5 HRE	956 daylight	5600 K	>90	Beam category A5
39890500	MVF403 MHN-LA1000W/956 A6 HRE	956 daylight	5600 K	>90	Beam category A6
06935500	MVF403 MHN-SA2000W A7 SI AM	-	-	-	Beam category A7
06945400	MVF403 MHN-SA2000W A1 SI	-	-	-	Beam category A1
06946100	MVF403 MHN-SA2000W A2 SI	-	-	-	Beam category A2
06947800	MVF403 MHN-SA2000W A3 SI	-	-	-	Beam category A3
06948500	MVF403 MHN-SA2000W A4 SI	-	-	-	Beam category A4
06949200	MVF403 MHN-SA2000W A5 SI	-	-	-	Beam category A5
06950800	MVF403 MHN-SA2000W A6 SI	-	-	-	Beam category A6

Order Code	Full Product Name	Light source color	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Optic type outdoor
06951500	MVF403 MHN-SA2000W A7 SI	-	-	-	Beam category A7
06889100	MVF403 MHN-SA2000W/956 A1 HRE AM	956 daylight	5600 K	>90	Beam category A1
06890700	MVF403 MHN-SA2000W/956 A2 HRE AM	956 daylight	5600 K	>90	Beam category A2
06894500	MVF403 MHN-SA2000W/956 A6 HRE AM	956 daylight	5600 K	>90	Beam category A6
06897600	MVF403 MHN-SA2000W/956 A1 SI AM	956 daylight	5600 K	>90	Beam category A1
06898300	MVF403 MHN-SA2000W/956 A2 SI AM	956 daylight	5600 K	>90	Beam category A2
06899000	MVF403 MHN-SA2000W/956 A3 SI AM	956 daylight	5600 K	>90	Beam category A3
06900300	MVF403 MHN-SA2000W/956 A4 SI AM	956 daylight	5600 K	>90	Beam category A4
06901000	MVF403 MHN-SA2000W/956 A5 SI AM	956 daylight	5600 K	>90	Beam category A5
06902700	MVF403 MHN-SA2000W/956 A6 SI AM	956 daylight	5600 K	>90	Beam category A6
06903400	MVF403 MHN-SA2000W/956 A7 SI AM	956 daylight	5600 K	>90	Beam category A7
06906500	MVF403 MHN-SA2000W/956 A2 HRE	956 daylight	5600 K	>90	Beam category A2
06907200	MVF403 MHN-SA2000W/956 A3 HRE	956 daylight	5600 K	>90	Beam category A3
06908900	MVF403 MHN-SA2000W/956 A4 HRE	956 daylight	5600 K	>90	Beam category A4
06909600	MVF403 MHN-SA2000W/956 A5 HRE	956 daylight	5600 K	>90	Beam category A5
06910200	MVF403 MHN-SA2000W/956 A6 HRE	956 daylight	5600 K	>90	Beam category A6

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Order Code	Full Product Name	Light source color	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Optic type outdoor
06911900	MVF403 MHN-SA2000W/956 A7 HRE	956 daylight	5600 K	>90	Beam category A7
06913300	MVF403 MHN-SA2000W/956 A1 SI	956 daylight	5600 K	>90	Beam category A1
06914000	MVF403 MHN-SA2000W/956 A2 SI	956 daylight	5600 K	>90	Beam category A2
06915700	MVF403 MHN-SA2000W/956 A3 SI	956 daylight	5600 K	>90	Beam category A3

Order Code	Full Product Name	Light source color	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Optic type outdoor
06916400	MVF403 MHN-SA2000W/956 A4 SI	956 daylight	5600 K	>90	Beam category A4
06917100	MVF403 MHN-SA2000W/956 A5 SI	956 daylight	5600 K	>90	Beam category A5
06918800	MVF403 MHN-SA2000W/956 A6 SI	956 daylight	5600 K	>90	Beam category A6
06919500	MVF403 MHN-SA2000W/956 A7 SI	956 daylight	5600 K	>90	Beam category A7

Operating and Electrical

Order Code	Full Product Name	Power Consumption
50265700	MVF403 MHN-LA1000W/956 A1 SI	1,000 W
50266400	MVF403 MHN-LA1000W/956 A2 SI	1,000 W
50267100	MVF403 MHN-LA1000W/956 A3 SI	1,000 W
50268800	MVF403 MHN-LA1000W/956 A4 SI	1,000 W
50269500	MVF403 MHN-LA1000W/956 A5 SI	1,000 W
50270100	MVF403 MHN-LA1000W/956 A6 SI	1,000 W
50271800	MVF403 MHN-LA1000W/956 A7 SI	1,000 W
50272500	MVF403 MHN-LA1000W/956 A8 SI	1,000 W
39888200	MVF403 MHN-LA1000W/956 A4 HRE	1,000 W
39889900	MVF403 MHN-LA1000W/956 A5 HRE	1,000 W
39890500	MVF403 MHN-LA1000W/956 A6 HRE	1,000 W
06935500	MVF403 MHN-SA2000W A7 SI AM	2,000 W
06945400	MVF403 MHN-SA2000W A1 SI	2,000 W
06946100	MVF403 MHN-SA2000W A2 SI	2,000 W
06947800	MVF403 MHN-SA2000W A3 SI	2,000 W
06948500	MVF403 MHN-SA2000W A4 SI	2,000 W
06949200	MVF403 MHN-SA2000W A5 SI	2,000 W
06950800	MVF403 MHN-SA2000W A6 SI	2,000 W
06951500	MVF403 MHN-SA2000W A7 SI	2,000 W
06889100	MVF403 MHN-SA2000W/956 A1 HRE AM	2,000 W
06890700	MVF403 MHN-SA2000W/956 A2 HRE AM	2,000 W

Order Code	Full Product Name	Power Consumption
06894500	MVF403 MHN-SA2000W/956 A6 HRE AM	2,000 W
06897600	MVF403 MHN-SA2000W/956 A1 SI AM	2,000 W
06898300	MVF403 MHN-SA2000W/956 A2 SI AM	2,000 W
06899000	MVF403 MHN-SA2000W/956 A3 SI AM	2,000 W
06900300	MVF403 MHN-SA2000W/956 A4 SI AM	2,000 W
06901000	MVF403 MHN-SA2000W/956 A5 SI AM	2,000 W
06902700	MVF403 MHN-SA2000W/956 A6 SI AM	2,000 W
06903400	MVF403 MHN-SA2000W/956 A7 SI AM	2,000 W
06906500	MVF403 MHN-SA2000W/956 A2 HRE	2,000 W
06907200	MVF403 MHN-SA2000W/956 A3 HRE	2,000 W
06908900	MVF403 MHN-SA2000W/956 A4 HRE	2,000 W
06909600	MVF403 MHN-SA2000W/956 A5 HRE	2,000 W
06910200	MVF403 MHN-SA2000W/956 A6 HRE	2,000 W
06911900	MVF403 MHN-SA2000W/956 A7 HRE	2,000 W
06913300	MVF403 MHN-SA2000W/956 A1 SI	2,000 W
06914000	MVF403 MHN-SA2000W/956 A2 SI	2,000 W
06915700	MVF403 MHN-SA2000W/956 A3 SI	2,000 W
06916400	MVF403 MHN-SA2000W/956 A4 SI	2,000 W
06917100	MVF403 MHN-SA2000W/956 A5 SI	2,000 W
06918800	MVF403 MHN-SA2000W/956 A6 SI	2,000 W
06919500	MVF403 MHN-SA2000W/956 A7 SI	2,000 W

