



ArenaVision MVF403 – world-class performance

ArenaVision MVF403

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.

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

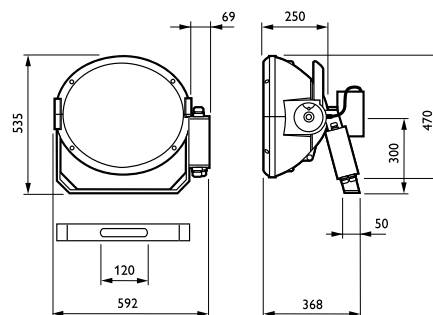
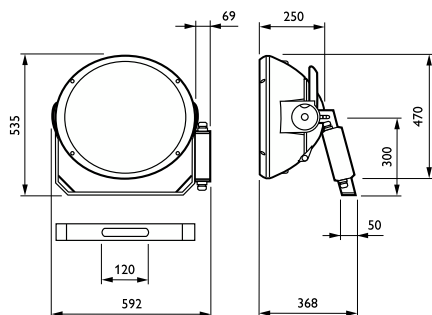
Features

- 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

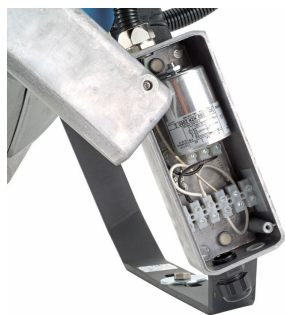
Application

- Outdoor sport stadiums
- Indoor sport halls

Dimensional drawing



Product details



OPDP_MVF403i_0027-Detail
photo

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
910502223118	MVF403 MHN-LA1000W/956 A1 SI	MHN-LA
910502223218	MVF403 MHN-LA1000W/956 A2 SI	MHN-LA
910502223318	MVF403 MHN-LA1000W/956 A3 SI	MHN-LA
910502223418	MVF403 MHN-LA1000W/956 A4 SI	MHN-LA
910502223518	MVF403 MHN-LA1000W/956 A5 SI	MHN-LA
910502223618	MVF403 MHN-LA1000W/956 A6 SI	MHN-LA
910502223718	MVF403 MHN-LA1000W/956 A7 SI	MHN-LA
910502223818	MVF403 MHN-LA1000W/956 A8 SI	MHN-LA
910504910118	MVF403 MHN-LA1000W/956 A4 HRE	MHN-LA
910504910218	MVF403 MHN-LA1000W/956 A5 HRE	MHN-LA
910504910318	MVF403 MHN-LA1000W/956 A6 HRE	MHN-LA
910925430612	MVF403 MHN-SA2000W A7 SI AM	MHN-SA
910925431612	MVF403 MHN-SA2000W A1 SI	MHN-SA
910925431712	MVF403 MHN-SA2000W A2 SI	MHN-SA
910925431812	MVF403 MHN-SA2000W A3 SI	MHN-SA
910925431912	MVF403 MHN-SA2000W A4 SI	MHN-SA
910925432012	MVF403 MHN-SA2000W A5 SI	MHN-SA
910925432112	MVF403 MHN-SA2000W A6 SI	MHN-SA
910925432212	MVF403 MHN-SA2000W A7 SI	MHN-SA
910925745912	MVF403 MHN-SA2000W/956 A1 HRE AM	MHN-SA
910925746012	MVF403 MHN-SA2000W/956 A2 HRE AM	MHN-SA
910925746112	MVF403 MHN-SA2000W/956 A3 HRE AM	MHN-SA
910925746212	MVF403 MHN-SA2000W/956 A4 HRE AM	MHN-SA
910925746312	MVF403 MHN-SA2000W/956 A5 HRE AM	MHN-SA
910925746412	MVF403 MHN-SA2000W/956 A6 HRE AM	MHN-SA
910925746512	MVF403 MHN-SA2000W/956 A7 HRE AM	MHN-SA
910925746712	MVF403 MHN-SA2000W/956 A1 SI AM	MHN-SA
910925746812	MVF403 MHN-SA2000W/956 A2 SI AM	MHN-SA
910925746912	MVF403 MHN-SA2000W/956 A3 SI AM	MHN-SA
910925747012	MVF403 MHN-SA2000W/956 A4 SI AM	MHN-SA
910925747112	MVF403 MHN-SA2000W/956 A5 SI AM	MHN-SA
910925747212	MVF403 MHN-SA2000W/956 A6 SI AM	MHN-SA
910925747312	MVF403 MHN-SA2000W/956 A7 SI AM	MHN-SA
910925747612	MVF403 MHN-SA2000W/956 A2 HRE	MHN-SA
910925747712	MVF403 MHN-SA2000W/956 A3 HRE	MHN-SA
910925747812	MVF403 MHN-SA2000W/956 A4 HRE	MHN-SA
910925747912	MVF403 MHN-SA2000W/956 A5 HRE	MHN-SA
910925748012	MVF403 MHN-SA2000W/956 A6 HRE	MHN-SA
910925748112	MVF403 MHN-SA2000W/956 A7 HRE	MHN-SA
910925748312	MVF403 MHN-SA2000W/956 A1 SI	MHN-SA
910925748412	MVF403 MHN-SA2000W/956 A2 SI	MHN-SA
910925748512	MVF403 MHN-SA2000W/956 A3 SI	MHN-SA
910925748612	MVF403 MHN-SA2000W/956 A4 SI	MHN-SA
910925748712	MVF403 MHN-SA2000W/956 A5 SI	MHN-SA
910925748812	MVF403 MHN-SA2000W/956 A6 SI	MHN-SA
910925748912	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
910502223118	MVF403 MHN-LA1000W/956 A1 SI	956 daylight	5600 K	>90	Beam category A1
910502223218	MVF403 MHN-LA1000W/956 A2 SI	956 daylight	5600 K	>90	Beam category A2
910502223318	MVF403 MHN-LA1000W/956 A3 SI	956 daylight	5600 K	>90	Beam category A3
910502223418	MVF403 MHN-LA1000W/956 A4 SI	956 daylight	5600 K	>90	Beam category A4
910502223518	MVF403 MHN-LA1000W/956 A5 SI	956 daylight	5600 K	>90	Beam category A5
910502223618	MVF403 MHN-LA1000W/956 A6 SI	956 daylight	5600 K	>90	Beam category A6
910502223718	MVF403 MHN-LA1000W/956 A7 SI	956 daylight	5600 K	>90	Beam category A7
910502223818	MVF403 MHN-LA1000W/956 A8 SI	956 daylight	5600 K	>90	Beam category A8
910504910118	MVF403 MHN-LA1000W/956 A4 HRE	956 daylight	5600 K	>90	Beam category A4
910504910218	MVF403 MHN-LA1000W/956 A5 HRE	956 daylight	5600 K	>90	Beam category A5
910504910318	MVF403 MHN-LA1000W/956 A6 HRE	956 daylight	5600 K	>90	Beam category A6
910925430612	MVF403 MHN-SA2000W A7 SI AM	-	-	-	Beam category A7
910925431612	MVF403 MHN-SA2000W A1 SI	-	-	-	Beam category A1
910925431712	MVF403 MHN-SA2000W A2 SI	-	-	-	Beam category A2
910925431812	MVF403 MHN-SA2000W A3 SI	-	-	-	Beam category A3
910925431912	MVF403 MHN-SA2000W A4 SI	-	-	-	Beam category A4
910925432012	MVF403 MHN-SA2000W A5 SI	-	-	-	Beam category A5
910925432112	MVF403 MHN-SA2000W A6 SI	-	-	-	Beam category A6
910925432212	MVF403 MHN-SA2000W A7 SI	-	-	-	Beam category A7
910925432312	MVF403 MHN-SA2000W A8 SI	-	-	-	Beam category A8
910925432412	MVF403 MHN-SA2000W A9 SI	-	-	-	Beam category A9
910925432512	MVF403 MHN-SA2000W A10 SI	-	-	-	Beam category A10
910925432612	MVF403 MHN-SA2000W A11 SI	-	-	-	Beam category A11
910925432712	MVF403 MHN-SA2000W A12 SI	-	-	-	Beam category A12
910925432812	MVF403 MHN-SA2000W A13 SI	-	-	-	Beam category A13
910925432912	MVF403 MHN-SA2000W A14 SI	-	-	-	Beam category A14
910925433012	MVF403 MHN-SA2000W A15 SI	-	-	-	Beam category A15
910925433112	MVF403 MHN-SA2000W A16 SI	-	-	-	Beam category A16
910925433212	MVF403 MHN-SA2000W A17 SI	-	-	-	Beam category A17
910925433312	MVF403 MHN-SA2000W A18 SI	-	-	-	Beam category A18
910925433412	MVF403 MHN-SA2000W A19 SI	-	-	-	Beam category A19
910925433512	MVF403 MHN-SA2000W A20 SI	-	-	-	Beam category A20
910925433612	MVF403 MHN-SA2000W A21 SI	-	-	-	Beam category A21
910925433712	MVF403 MHN-SA2000W A22 SI	-	-	-	Beam category A22
910925433812	MVF403 MHN-SA2000W A23 SI	-	-	-	Beam category A23
910925433912	MVF403 MHN-SA2000W A24 SI	-	-	-	Beam category A24
910925434012	MVF403 MHN-SA2000W A25 SI	-	-	-	Beam category A25
910925434112	MVF403 MHN-SA2000W A26 SI	-	-	-	Beam category A26
910925434212	MVF403 MHN-SA2000W A27 SI	-	-	-	Beam category A27
910925434312	MVF403 MHN-SA2000W A28 SI	-	-	-	Beam category A28
910925434412	MVF403 MHN-SA2000W A29 SI	-	-	-	Beam category A29
910925434512	MVF403 MHN-SA2000W A30 SI	-	-	-	Beam category A30
910925434612	MVF403 MHN-SA2000W A31 SI	-	-	-	Beam category A31
910925434712	MVF403 MHN-SA2000W A32 SI	-	-	-	Beam category A32
910925434812	MVF403 MHN-SA2000W A33 SI	-	-	-	Beam category A33
910925434912	MVF403 MHN-SA2000W A34 SI	-	-	-	Beam category A34
910925435012	MVF403 MHN-SA2000W A35 SI	-	-	-	Beam category A35
910925435112	MVF403 MHN-SA2000W A36 SI	-	-	-	Beam category A36
910925435212	MVF403 MHN-SA2000W A37 SI	-	-	-	Beam category A37
910925435312	MVF403 MHN-SA2000W A38 SI	-	-	-	Beam category A38
910925435412	MVF403 MHN-SA2000W A39 SI	-	-	-	Beam category A39
910925435512	MVF403 MHN-SA2000W A40 SI	-	-	-	Beam category A40
910925435612	MVF403 MHN-SA2000W A41 SI	-	-	-	Beam category A41
910925435712	MVF403 MHN-SA2000W A42 SI	-	-	-	Beam category A42
910925435812	MVF403 MHN-SA2000W A43 SI	-	-	-	Beam category A43
910925435912	MVF403 MHN-SA2000W A44 SI	-	-	-	Beam category A44
910925436012	MVF403 MHN-SA2000W A45 SI	-	-	-	Beam category A45
910925436112	MVF403 MHN-SA2000W A46 SI	-	-	-	Beam category A46
910925436212	MVF403 MHN-SA2000W A47 SI	-	-	-	Beam category A47
910925436312	MVF403 MHN-SA2000W A48 SI	-	-	-	Beam category A48
910925436412	MVF403 MHN-SA2000W A49 SI	-	-	-	Beam category A49
910925436512	MVF403 MHN-SA2000W A50 SI	-	-	-	Beam category A50
910925436612	MVF403 MHN-SA2000W A51 SI	-	-	-	Beam category A51
910925436712	MVF403 MHN-SA2000W A52 SI	-	-	-	Beam category A52
910925436812	MVF403 MHN-SA2000W A53 SI	-	-	-	Beam category A53
910925436912	MVF403 MHN-SA2000W A54 SI	-	-	-	Beam category A54
910925437012	MVF403 MHN-SA2000W A55 SI	-	-	-	Beam category A55
910925437112	MVF403 MHN-SA2000W A56 SI	-	-	-	Beam category A56
910925437212	MVF403 MHN-SA2000W A57 SI	-	-	-	Beam category A57
910925437312	MVF403 MHN-SA2000W A58 SI	-	-	-	Beam category A58
910925437412	MVF403 MHN-SA2000W A59 SI	-	-	-	Beam category A59
910925437512	MVF403 MHN-SA2000W A60 SI	-	-	-	Beam category A60
910925437612	MVF403 MHN-SA2000W A61 SI	-	-	-	Beam category A61
910925437712	MVF403 MHN-SA2000W A62 SI	-	-	-	Beam category A62
910925437812	MVF403 MHN-SA2000W A63 SI	-	-	-	Beam category A63
910925437912	MVF403 MHN-SA2000W A64 SI	-	-	-	Beam category A64
910925438012	MVF403 MHN-SA2000W A65 SI	-	-	-	Beam category A65
910925438112	MVF403 MHN-SA2000W A66 SI	-	-	-	Beam category A66
910925438212	MVF403 MHN-SA2000W A67 SI	-	-	-	Beam category A67
910925438312	MVF403 MHN-SA2000W A68 SI	-	-	-	Beam category A68
910925438412	MVF403 MHN-SA2000W A69 SI	-	-	-	Beam category A69
910925438512	MVF403 MHN-SA2000W A70 SI	-	-	-	Beam category A70
910925438612	MVF403 MHN-SA2000W A71 SI	-	-	-	Beam category A71
910925438712	MVF403 MHN-SA2000W A72 SI	-	-	-	Beam category A72
910925438812	MVF403 MHN-SA2000W A73 SI	-	-	-	Beam category A73
910925438912	MVF403 MHN-SA2000W A74 SI	-	-	-	Beam category A74
910925439012	MVF403 MHN-SA2000W A75 SI	-	-	-	Beam category A75
910925439112	MVF403 MHN-SA2000W A76 SI	-	-	-	Beam category A76
910925439212	MVF403 MHN-SA2000W A77 SI	-	-	-	Beam category A77
910925439312	MVF403 MHN-SA2000W A78 SI	-	-	-	Beam category A78
910925439412	MVF403 MHN-SA2000W A79 SI	-	-	-	Beam category A79
910925439512	MVF403 MHN-SA2000W A80 SI	-	-	-	Beam category A80
910925439612	MVF403 MHN-SA2000W A81 SI	-	-	-	Beam category A81
910925439712	MVF403 MHN-SA2000W A82 SI	-	-	-	Beam category A82
910925439812	MVF403 MHN-SA2000W A83 SI	-	-	-	Beam category A83
910925439912	MVF403 MHN-SA2000W A84 SI	-	-	-	Beam category A84
910925440012	MVF403 MHN-SA2000W A85 SI	-	-	-	Beam category A85
910925440112	MVF403 MHN-SA2000W A86 SI	-	-	-	Beam category A86
910925440212	MVF403 MHN-SA2000W A87 SI	-	-	-	Beam category A87
910925440312	MVF403 MHN-SA2000W A88 SI	-	-	-	Beam category A88
910925440412	MVF403 MHN-SA2000W A89 SI	-	-	-	Beam category A89
910925440512	MVF403 MHN-SA2000W A90 SI	-	-	-	Beam category A90
910925440612	MVF403 MHN-SA2000W A91 SI	-	-	-	Beam category A91
910925440712	MVF403 MHN-SA2000W A92 SI	-	-	-	Beam category A92
910925440812	MVF403 MHN-SA2000W A93 SI	-	-	-	Beam category A93
910925440912	MVF403 MHN-SA2000W A94 SI	-	-	-	Beam category A94
910925441012	MVF403 MHN-SA2000W A95 SI	-	-	-	Beam category A95
910925441112	MVF403 MHN-SA2000W A96 SI	-	-	-	Beam category A96
910925441212	MVF403 MHN-SA2000W A97 SI	-	-	-	Beam category A97
910925441312	MVF403 MHN-SA2000W A98 SI	-	-	-	Beam category A98
910925441412	MVF403 MHN-SA2000W A99 SI	-	-	-	Beam category A99
910925441512	MVF403 MHN-SA2000W A100 SI	-	-	-	Beam category A100

ArenaVision MVF403

Order Code	Full Product Name	Light source	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Optic type outdoor
		color			
910925747712	MVF403 MHN-SA2000W/956 A3 HRE	956 daylight	5600 K	>90	Beam category A3
910925747812	MVF403 MHN-SA2000W/956 A4 HRE	956 daylight	5600 K	>90	Beam category A4
910925747912	MVF403 MHN-SA2000W/956 A5 HRE	956 daylight	5600 K	>90	Beam category A5
910925748012	MVF403 MHN-SA2000W/956 A6 HRE	956 daylight	5600 K	>90	Beam category A6
910925748112	MVF403 MHN-SA2000W/956 A7 HRE	956 daylight	5600 K	>90	Beam category A7
910925748312	MVF403 MHN-SA2000W/956 A1 SI	956 daylight	5600 K	>90	Beam category A1

Order Code	Full Product Name	Light source	Correlated Color Temperature (Nom)	Color rendering index (CRI)	Optic type outdoor
		color			
910925748412	MVF403 MHN-SA2000W/956 A2 SI	956 daylight	5600 K	>90	Beam category A2
910925748512	MVF403 MHN-SA2000W/956 A3 SI	956 daylight	5600 K	>90	Beam category A3
910925748612	MVF403 MHN-SA2000W/956 A4 SI	956 daylight	5600 K	>90	Beam category A4
910925748712	MVF403 MHN-SA2000W/956 A5 SI	956 daylight	5600 K	>90	Beam category A5
910925748812	MVF403 MHN-SA2000W/956 A6 SI	956 daylight	5600 K	>90	Beam category A6
910925748912	MVF403 MHN-SA2000W/956 A7 SI	956 daylight	5600 K	>90	Beam category A7

Operating and Electrical

Order Code	Full Product Name	Power Consumption
910502223118	MVF403 MHN-LA1000W/956 A1 SI	1,000 W
910502223218	MVF403 MHN-LA1000W/956 A2 SI	1,000 W
910502223318	MVF403 MHN-LA1000W/956 A3 SI	1,000 W
910502223418	MVF403 MHN-LA1000W/956 A4 SI	1,000 W
910502223518	MVF403 MHN-LA1000W/956 A5 SI	1,000 W
910502223618	MVF403 MHN-LA1000W/956 A6 SI	1,000 W
910502223718	MVF403 MHN-LA1000W/956 A7 SI	1,000 W
910502223818	MVF403 MHN-LA1000W/956 A8 SI	1,000 W
910504910118	MVF403 MHN-LA1000W/956 A4 HRE	1,000 W
910504910218	MVF403 MHN-LA1000W/956 A5 HRE	1,000 W
910504910318	MVF403 MHN-LA1000W/956 A6 HRE	1,000 W
910925430612	MVF403 MHN-SA2000W A7 SI AM	2,000 W
910925431612	MVF403 MHN-SA2000W A1 SI	2,000 W
910925431712	MVF403 MHN-SA2000W A2 SI	2,000 W
910925431812	MVF403 MHN-SA2000W A3 SI	2,000 W
910925431912	MVF403 MHN-SA2000W A4 SI	2,000 W
910925432012	MVF403 MHN-SA2000W A5 SI	2,000 W
910925432112	MVF403 MHN-SA2000W A6 SI	2,000 W
910925432212	MVF403 MHN-SA2000W A7 SI	2,000 W
910925745912	MVF403 MHN-SA2000W/956 A1 HRE AM	2,000 W
910925746012	MVF403 MHN-SA2000W/956 A2 HRE AM	2,000 W
910925746112	MVF403 MHN-SA2000W/956 A3 HRE AM	2,000 W
910925746212	MVF403 MHN-SA2000W/956 A4 HRE AM	2,000 W

Order Code	Full Product Name	Power Consumption
910925746312	MVF403 MHN-SA2000W/956 A5 HRE AM	2,000 W
910925746412	MVF403 MHN-SA2000W/956 A6 HRE AM	2,000 W
910925746512	MVF403 MHN-SA2000W/956 A7 HRE AM	2,000 W
910925746712	MVF403 MHN-SA2000W/956 A1 SI AM	2,000 W
910925746812	MVF403 MHN-SA2000W/956 A2 SI AM	2,000 W
910925746912	MVF403 MHN-SA2000W/956 A3 SI AM	2,000 W
910925747012	MVF403 MHN-SA2000W/956 A4 SI AM	2,000 W
910925747112	MVF403 MHN-SA2000W/956 A5 SI AM	2,000 W
910925747212	MVF403 MHN-SA2000W/956 A6 SI AM	2,000 W
910925747312	MVF403 MHN-SA2000W/956 A7 SI AM	2,000 W
910925747612	MVF403 MHN-SA2000W/956 A2 HRE	2,000 W
910925747712	MVF403 MHN-SA2000W/956 A3 HRE	2,000 W
910925747812	MVF403 MHN-SA2000W/956 A4 HRE	2,000 W
910925747912	MVF403 MHN-SA2000W/956 A5 HRE	2,000 W
910925748012	MVF403 MHN-SA2000W/956 A6 HRE	2,000 W
910925748112	MVF403 MHN-SA2000W/956 A7 HRE	2,000 W
910925748312	MVF403 MHN-SA2000W/956 A1 SI	2,000 W
910925748412	MVF403 MHN-SA2000W/956 A2 SI	2,000 W
910925748512	MVF403 MHN-SA2000W/956 A3 SI	2,000 W
910925748612	MVF403 MHN-SA2000W/956 A4 SI	2,000 W
910925748712	MVF403 MHN-SA2000W/956 A5 SI	2,000 W
910925748812	MVF403 MHN-SA2000W/956 A6 SI	2,000 W
910925748912	MVF403 MHN-SA2000W/956 A7 SI	2,000 W

