



ArenaVision MVF404 – exceptional optical efficiency

ArenaVision MVF404

The ArenaVision MVF404 floodlight – designed for outdoor sports stadiums – dramatically increases the theatrical and emotional impact of sports for TV audiences and spectators, while allowing the players to perform under optimal visual conditions. Thanks to the innovative Philips MHN-SE 2000 W high-output compact single-ended metal-halide lamp and high-tech single-piece precision optics, ArenaVision MVF404 offers much higher optical efficiency than ever before. In addition, this 2 kW floodlight boasts easy lamp fitting and replacement, full IP65 compliance, safety knife connector system and a breakthrough electronic hot-restrike solution – while continuing to deliver all the traditional benefits of Philips ArenaVision systems. The (optional) flicker-free version of ArenaVision MVF404 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 MVF404 comes equipped with a special electronic ignitor, which works in combination with Philips' flicker-free electronic-ballast GearUnits (ECM330), to be ordered separately.

Benefits

- Innovative floodlight with Philips' compact single-ended lamp; dedicated optics ensure maximum optical efficiency and enable accurate light distribution with a minimum of spill light
- Quartz metal halide lamp meets 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

ArenaVision MVF404

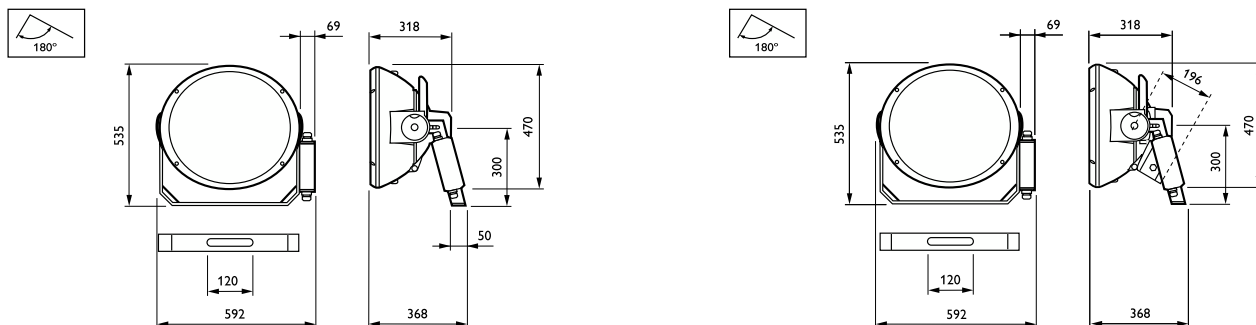
Features

- High-output compact single-ended metal-halide lamp with excellent color rendering
- Dedicated precision optics
- IP65
- Safety knife connector system
- Electronic hot-restrike
- Flicker-free light version for super-slow-motion cameras

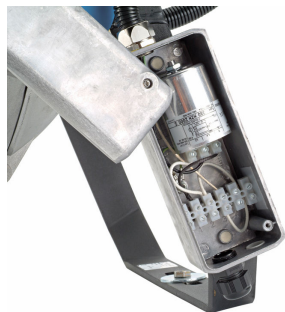
Application

- Outdoor sport stadiums

Dimensional drawing



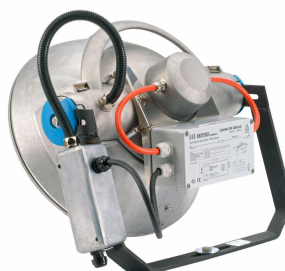
Product details



OPDP_MVF403i_0027-Detail
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OPDP_MVF403i_0003-Detail
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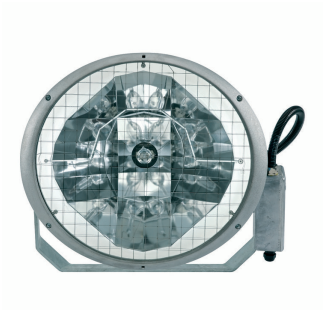


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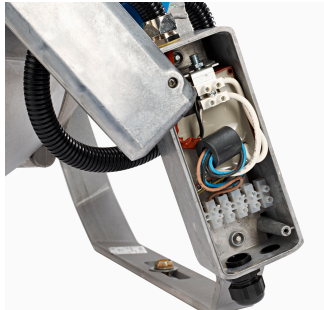
Product details



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ArenaVision MVF404

General Information

CE mark	Yes
Flammability mark	-
Gear	-
Lamp family code	MHN-SEH
Number of gear units	-
Product family code	MVF404

Light Technical

Luminaire light beam spread	-
Light source color	956 daylight
Correlated Color Temperature (Nom)	5600 K
Optical cover type	Front-glass downlighting version
Color rendering index (CRI)	>90
Number of light sources	1
Standard tilt angle side entry	-
Standard tilt angle posttop	-

Operating and Electrical

Power Consumption	2,000 W
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Color	Aluminum
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Approval and Application

Mech. impact protection code	IK08
Ingress protection code	IP65
Surge Protection (Common/ Differential)	-

Application Conditions

Maximum dim level	Not applicable
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Light Technical

Order Code	Full Product Name	Optic type outdoor
50205300	MVF404 MHN-SEH2000W/956 B6 SI	Beam category B6
60409200	MVF404 MHN-SEH2000W/956 B8 SI	Beam category B8
60410800	MVF404 MHN-SEH2000W/956 B8 HRE	Beam category B8
60411500	MVF404 MHN-SEH2000W/956 380-415V B8 SI A	Beam category B8
60412200	MVF404 MHN-SEH2000W/956 B8 HRE AM	Beam category B8
59907400	MVF404 MHN-SEH2000W/956 B8 ESI	Beam category B8

