PHILIPS Lighting



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 colour 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 igniter, which works in combination with Philips' electronic 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 colour rendering
- The flicker-free version completely eliminates flicker effect, thereby guaranteeing perfect images filmed with super-slow-motion cameras

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Features

- High-output double-ended metal-halide lamps with excellent colour rendering and lifetime
- Dedicated precision optics
- \cdot Safety switch
- \cdot 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

Specifications

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Туре	MVF403	Options	Aiming memory (AM) to safeguard the original aiming position
Light source	HID:		of the luminaire during servicing
	- 1 x MASTER MHN-SA / XW / 2000 W		Hot re-strike versions enabling immediate restoration of lighting
	- 1 x MASTER MHN-LA / XWH / 1000 W		after power supply failure
Lamp included	Yes (K or light color 842 or 956)		Uplighting versions available for architectural lighting
Optic	Beam category A1 (A1)		Special cable sleeve version for tropical regions
	Beam category A2 (A2)	Materials and finishing	Housing and rear cover: non-corrosive, high-pressure die-cast
	Beam category A3 (A3)		aluminum
	Beam category A4 (A4)		Optical cover: chemically toughened glass 3 mm thickness for
	Beam category A5 (A5)		downlighting versions, ceramic 3 mm thick for uplighting
	Beam category A6 (A6)		versions
	Beam category A7 (A7)		Mounting bracket: zinc nickel treated
	Beam category A8 (A8)		Clips: stainless steel (to secure the back cover)
Optical cover	Front glass for downlighting (DOWN)		Reflector: anodised and brightened 99.99% aluminum
	Uplighting versions (UP) (Not for MHN-2000W version)		Finishing in raw aluminum
Ignitor	Series (SI), 1000 W, 2000W integral		
	Hot-restrike (HRE), integral		

Specifications

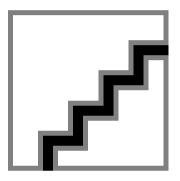
Installation	On mast headframe, ceiling, wall and floor mounting		Max adjustment from the horizontal: -90 / +90°
	The lamp only needs to be installed mechanically; electrical	Maintenance	Lamp access by opening clips of rear cover (tool-less)
	connection achieved by closing the rear cover		Equipped with safety switch to cut off current when luminaire is
	Precision aiming facilities at both top and bottom of the		opened (requires additional contactor - supplied by others)
	housing for use in conjunction with the ZVF403 PAD accessory		No internal cleaning required
	Adjustment of mounting bracket: 360°	Accessories	External louver (ZVF403 GS), precision (ZVF403 PAD) and
	Ambient temperature outdoor:		simple (ZVF403 SAD) aiming devices
	- MASTER MHN-SA 20000 W lamp version: 35°C (Outdoor	Remarks	Equipped with aluminum connection box with series ignitor (SI)
	only)		Wire mesh to prevent large glass falling out
	- MASTER MHN-LA 1000 W lamp version: 45°C (Outdoor and		Pre-wired 230 - 240 V / 50 Hz and 380-400-415-430V / 50Hz
	indoor)		gear units (ECB/ECP330) are available, to be ordered
	Drag factor (Cx): 0.93		separately
	Projected area in 70º position: 0.20 m	Main applications	Outdoor sport stadiums, indoor sport halls.

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Versions



Product details





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