



# MVF 024

## PowerVision MVF024

PowerVision: the high-performance general-purpose floodlight for sports, general areas and facade illumination. This compact unit distributes a well-controlled, low- glare, wide, medium or narrow beam, evenly, accurately and efficiently. Excellent results with the integrally-developed, double-ended, 2000 W metal halide lamp, and also with standard 1000 W metal halide or high-pressure sodium lamps. Rugged all-weather construction designed for easy aiming, simple cleaning and speedy servicing.

### Benefits

- High-performance, general-purpose floodlight for sports lighting, general area lighting and facade illumination
- Compact luminaire distributes a low-glare, wide, medium or narrow beam evenly, accurately and efficiently, with minimal spill light and glare
- Available MHN lamps offer natural color rendering and comfortable atmosphere well suited to TV and filming, or even meeting the highest international CTV requirements

### Features

- Rugged, compact all-weather construction
- Integrated system of optics, gear and lamp in a single housing
- Low-glare wide, medium or narrow beam
- Color rendering: Ra = 80; color temperature: 4200 K
- Easy aiming

### Application

- Sports
- Car parks
- Architectural floodlighting
- Industrial areas

### Specifications

Type	MVF024	Light source	HID:
			- 1 x MASTER MHN-FC / XW / 1000, 2000 W

PowerVision MVF024

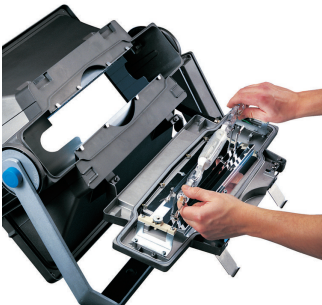
	- 1 x MASTER MHN-LA / XWH / 2000 W
	- 1 x MASTER HPI-T Plus / E40 / 1000 W
	- 1 x SON-T / E40 / 1000 W
Lamp included	Yes (K or light color 740, 842 or 956)
Optic	Narrow beam (NB)
	Medium beam (MB)
	Wide beam (WB)
Ignitor	Series (SI), integral
	Parallel (PA), external on a separate gear unit (ECB/ECP330)
Materials and finishing	Housing and rear cover: non-corrosive, high-pressure die-cast aluminum
	Glass: chemically toughened, 1.6 mm thick (for 2000 lamp versions), thermally hardened 3 mm thick (for 1000 W lamp versions)
	Mounting bracket: hot-dipped galvanized steel
	Reflector: anodised and brightened 99.99% aluminum
	Stainless steel clips
	Finishing in raw aluminum
Installation	On mast headframe, ceiling, wall and floor mounting
	For pre-aiming, protractor scale and simple aiming device integrated
	Ambient temperature outdoor: 35°C
	Drag factor (Cx): 1.08
	Projected area in 65° position: 0.30 m
	Max adjustment from the horizontal: -90 / +90°
	360° adjustment of mounting bracket

Maintenance	Lamp access by opening clips of rear cover (tool-less)
	Safety switch to cut off current while opening the luminaire with 2000 lamp versions (requires additional contactor - supplied by others)
	No internal cleaning required
Accessories	External louver (ZVF024)
Remarks	Equipped with aluminum connection box with ignitor, installed on a mounting bracket
	Wire mesh to prevent large glass falling out (2000 lamp versions) in event of glass breakage
	Pre-wired 220 - 240 V / 50 Hz or 380 - 415 V / 50 Hz gear units (ECB/ECP330) are available, to be ordered separately

Versions



Product details



Easy relamping without disturbing position

# PowerVision MVF024

## Accessories

Ordercode 26575900



### General Information

CE mark	CE mark
ENEC mark	ENEC mark
Gear	CONV
Number of light sources	1
Product Family Code	MVF024

### Mechanical and Housing

Color	-
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## General Information

Order Code	Full Product Name	Lamp			
		Light source color	family code	Lamp power	Optic type
02744900	MVF024 MHN-LA2000W 400V WB SI	-	MHN-LA	2000 W	Wide beam
54777000	MVF024 HPI-T1000W K 230V NB	-	HPI-T	1000 W	Narrow beam
54779400	MVF024 HPI-T1000W K 230V MB	-	HPI-T	1000 W	Medium beam
54781700	MVF024 HPI-T1000W K 230V WB	-	HPI-T	1000 W	Wide beam
54782400	MVF024 MHN-LA2000W/842 400V NB SI	842 neutral white	MHN-LA	2000 W	Narrow beam
54783100	MVF024 MHN-LA2000W/842 400V MB SI	842 neutral white	MHN-LA	2000 W	Medium beam
54784800	MVF024 MHN-LA2000W/842 400V WB SI	842 neutral white	MHN-LA	2000 W	Wide beam
29137700	MVF024 MHN-FC2000W/740 400V NB SI	740 neutral white	MHN-FC	2000 W	Narrow beam
29138400	MVF024 MHN-FC2000W/740 400V MB SI	740 neutral white	MHN-FC	2000 W	Medium beam
29139100	MVF024 MHN-FC2000W/740 400V WB SI	740 neutral white	MHN-FC	2000 W	Wide beam

Order Code	Full Product Name	Lamp			
		Light source color	family code	Lamp power	Optic type
29252700	MVF024 MHN-FC1000W/740 230V NB SI	740 neutral white	MHN-FC	1000 W	Narrow beam
29253400	MVF024 MHN-FC1000W/740 230V MB SI	740 neutral white	MHN-FC	1000 W	Medium beam
29254100	MVF024 MHN-FC1000W/740 230V WB SI	740 neutral white	MHN-FC	1000 W	Wide beam
41629600	MVF024 SON-T1000W WB SI	-	SON-T	1000 W	Wide beam
41630200	MVF024 SON-T1000W MB SI	-	SON-T	1000 W	Medium beam
41632600	MVF024 SON-T1000W K WB SI	-	SON-T	1000 W	Wide beam
41633300	MVF024 SON-T1000W K MB SI	-	SON-T	1000 W	Medium beam
41634000	MVF024 SON-T1000W K NB SI	-	SON-T	1000 W	Narrow beam

