



# PowerVision – high-performance floodlighting

## PowerVision MVF024

PowerVision is a high-performance general-purpose floodlight for sports lighting, general area lighting and facade illumination. This compact luminaire distributes a low-glare, wide, medium or narrow beam evenly, accurately and efficiently. With the MHN-LA 2000W/842 lamp, the natural color rendering (Ra = 80) and comfortable atmosphere (Tc = 4200 K) are well suited to TV and filming. With the MHN-LA 2000W/956 lamp, the highest international CTV requirements (Ra = 90, Tc = 5600 K) are met. A built-in skirt in the reflector assembly minimizes spill light and glare. Integrated system of optics, gear and lamp in a single housing, ensuring high beam efficiency and a well-controlled beam. Built-in skirt in reflector assembly minimizes spill light and glare. The luminaire's rugged all-weather construction is 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

# PowerVision MVF024

## Application

- Sports
- Car parks
- Architectural floodlighting
- Industrial areas

## Specifications

<b>Type</b>	MVF024
<b>Light source</b>	HID: <ul style="list-style-type: none"><li>- 1 x MASTER MHN-FC / XW / 1000, 2000 W</li><li>- 1 x MASTER MHN-LA / XWH / 2000 W</li><li>- 1 x MASTER HPI-T Plus / E40 / 1000 W</li><li>- 1 x SON-T / E40 / 1000 W</li></ul>
<b>Lamp included</b>	Yes (K or light color 740, 842 or 956)
<b>Optic</b>	Narrow beam (NB) Medium beam (MB) Wide beam (WB)
<b>Ignitor</b>	Series (SI), integral Semi-parallel (SP), external on a separate gear tray (ZVF320) Parallel (PA), external on a separate gear tray (ZVF320)
<b>Options</b>	Connection box (H) with 1000 W lamp versions for higher ambient temperatures of indoor applications
<b>Materials and finishing</b>	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

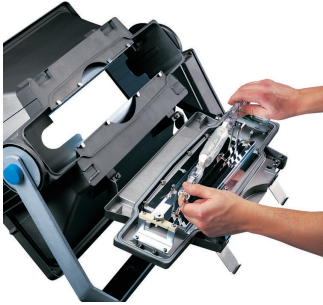
<b>Installation</b>	On mast headframe, ceiling, wall and floor mounting For pre-aiming, protractor scale and simple aiming device integrated Ambient temperature outdoor: 35°C (40°C indoor for 1000 W lamp versions with external connection box) Drag factor (Cx): 1.08 Projected area in 65° position: 0.30 m Max adjustment from the horizontal: -90 / +90° 360° adjustment of mounting bracket
<b>Maintenance</b>	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
<b>Accessories</b>	External louver (ZVF024)
<b>Remarks</b>	Equipped with aluminum connection box with ignitor, installed on a separate gear tray (ZVF320) 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 are available, to be ordered separately
<b>Main applications</b>	Sports, car parks, architectural floodlighting, industrial areas

## Versions



# PowerVision MVF024

## Product details



### General Information

CE mark	CE mark
Light source colour	842 neutral white
ENEC mark	ENEC mark
Gear	CONV
Lamp family code	MHN-LA
Lamp power	2000 W
Number of light sources	1
Product Family Code	MVF024

### Mechanical and Housing

Colour	-
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### General Information

Order Code	Full Product Name	Optic type
910403032212	MVF024 MHN-LA2000W/842 400V NB SI	Narrow beam
910403032312	MVF024 MHN-LA2000W/842 400V MB SI	Medium beam
910403032412	MVF024 MHN-LA2000W/842 400V WB SI	Wide beam

