



# 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 ( $R_a = 80$ ) and comfortable atmosphere ( $T_c = 4200$  K) are well suited to TV and filming. With the MHN-LA 2000W/956 lamp, the highest international CTV requirements ( $R_a = 90$ ,  $T_c = 5600$  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:  $R_a = 80$ ; color temperature: 4200 K
- Easy aiming

# PowerVision MVF024

## Application

- Sports
- Car parks
- Architectural floodlighting
- Industrial areas

## Specifications

<b>Type</b>	MVF024	<b>Installation</b>	On mast headframe, ceiling, wall and floor mounting
<b>Light source</b>	HID: - 1 x MASTER MHN-FC / XW / 1000, 2000 W - 1 x MASTER MHN-LA / XWH / 2000 W - 1 x MASTER HPI-T Plus / E40 / 1000 W - 1 x SON-T / E40 / 1000 W		For pre-aiming, protractor scale and simple aiming device integrated
<b>Lamp included</b>	Yes (K or light color 740, 842 or 956)		Ambient temperature outdoor: 35°C
<b>Optic</b>	Narrow beam (NB) Medium beam (MB) Wide beam (WB)		Drag factor (Cx): 1.08
<b>Ignitor</b>	Series (SI), integral Parallel (PA), external on a separate gear unit (ECB/ECP330)		Projected area in 65° position: 0.30 m
<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		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 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

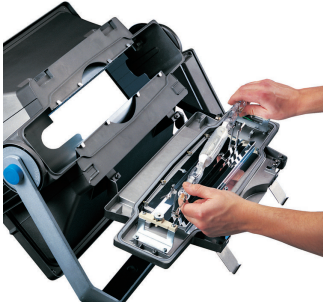
## Versions



PowerVision MVF024 sports and area flood-lighting luminaire

# PowerVision MVF024

## Product details



Easy relamping without disturbing position

## Accessories

External anti-glare louver (ZVF024 L)



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

Colour	-
--------	---

## General Information

Order Code	Full Product Name	Light source colour	Lamp family code	Lamp power	Optic type
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

Order Code	Full Product Name	Light source colour	Lamp family code	Lamp power	Optic type
54784800	MVF024 MHN-LA2000W/842 400V WB SI	842 neutral white	MHN-LA	2000 W	Wide beam
29253400	MVF024 MHN-FC1000W/740 230V MB SI	740 neutral white	MHN-FC	1000 W	Medium beam

