



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

Type	MVF024
Light source	HID: <ul style="list-style-type: none">- 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
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 Semi-parallel (SP), external on a separate gear tray (ZVF320) Parallel (PA), external on a separate gear tray (ZVF320)
Options	Connection box (H) with 1000 W lamp versions for higher ambient temperatures of indoor applications
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 (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
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 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
Main applications	Sports, car parks, architectural floodlighting, industrial areas

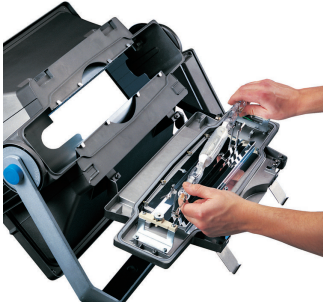
Versions



PowerVision MVF024 sports and area flood lighting luminaire

PowerVision MVF024

Product details



General Information

CE mark	CE mark
Light source colour	-
ENEC mark	ENEC mark
Gear	CONV
Number of light sources	1
Optic type	Wide beam
Product Family Code	MVF024

Mechanical and Housing

Colour	-
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General Information

Order Code	Full Product Name	Lamp family code	Lamp power
910401005912	MVF024 MHN-LA2000W 400V WB SI	MHN-LA	2000 W
910403032112	MVF024 HPI-T1000W K 230V WB	HPI-T	1000 W

