



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

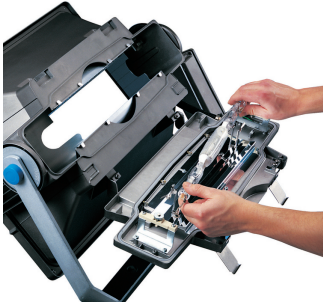
Type	MVF024	Installation	On mast headframe, ceiling, wall and floor mounting
Light source	HID: <ul style="list-style-type: none">- 1 x MASTER MHN-FC / XW / 1000, 2000 W- 1 x MASTER MHN-LA / XWH / 2000 W- 1 x MASTER HPI-T Plus / E40 / 1000 W- 1 x SON-T / E40 / 1000 W		For pre-aiming, protractor scale and simple aiming device integrated
Lamp included	Yes (K or light color 740, 842 or 956)		Ambient temperature outdoor: 35°C
Optic	Narrow beam (NB) Medium beam (MB) Wide beam (WB)		Drag factor (Cx): 1.08
Ignitor	Series (SI), integral Parallel (PA), external on a separate gear unit (ECB/ECP330)		Projected area in 65° position: 0.30 m
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		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



PowerVision MVF024

Product details



Easy relamping without disturbing position

Accessories

Ordercode 910401086112



General Information

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

Mechanical and Housing

Color	-
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General Information

Order Code	Full Product Name	Light source color	Lamp family code	Lamp power	Optic type
910401005912	MVF024 MHN-LA2000W 400V WB SI	-	MHN-LA	2000 W	Wide beam
910403031712	MVF024 HPI-T1000W K 230V NB	-	HPI-T	1000 W	Narrow beam
910403031912	MVF024 HPI-T1000W K 230V MB	-	HPI-T	1000 W	Medium beam
910403032112	MVF024 HPI-T1000W K 230V WB	-	HPI-T	1000 W	Wide beam

Order Code	Full Product Name	Light source color	Lamp family code	Lamp power	Optic type
910403032212	MVF024 MHN-LA2000W/842 400V NB SI	842 neutral white	MHN-LA	2000 W	Narrow beam
910403032312	MVF024 MHN-LA2000W/842 400V MB SI	842 neutral white	MHN-LA	2000 W	Medium beam
910403032412	MVF024 MHN-LA2000W/842 400V WB SI	842 neutral white	MHN-LA	2000 W	Wide beam

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Order Code	Full Product Name	Light source color	Lamp family code	Lamp power	Optic type
910403747612	MVF024 MHN-FC2000W/740 400V NB SI	740 neutral white	MHN-FC	2000 W	Narrow beam
910403747712	MVF024 MHN-FC2000W/740 400V MB SI	740 neutral white	MHN-FC	2000 W	Medium beam
910403747812	MVF024 MHN-FC2000W/740 400V WB SI	740 neutral white	MHN-FC	2000 W	Wide beam
910403758412	MVF024 MHN-FC1000W/740 230V NB SI	740 neutral white	MHN-FC	1000 W	Narrow beam
910403758512	MVF024 MHN-FC1000W/740 230V MB SI	740 neutral white	MHN-FC	1000 W	Medium beam

Order Code	Full Product Name	Light source color	Lamp family code	Lamp power	Optic type
910403758612	MVF024 MHN-FC1000W/740 230V WB SI	740 neutral white	MHN-FC	1000 W	Wide beam
910403928512	MVF024 SON-T1000W WB SI	-	SON-T	1000 W	Wide beam
910403928612	MVF024 SON-T1000W MB SI	-	SON-T	1000 W	Medium beam
910403928812	MVF024 SON-T1000W K WB SI	-	SON-T	1000 W	Wide beam
910403928912	MVF024 SON-T1000W K MB SI	-	SON-T	1000 W	Medium beam
910403929012	MVF024 SON-T1000W K NB SI	-	SON-T	1000 W	Narrow beam

