



# OptiVision – downlight performance

## OptiVision MVP507

OptiVision is an asymmetric downlighting luminaire that combines compact dimensions with very high efficiency. Available with narrow, medium and wide beams for flexibility in application, it provides excellent control of spill light and limitation of glare and upward leakage of light. OptiVision can accommodate metal-halide lamps for good colour rendering or high-pressure sodium lamps for economical operation. Excellent spill-light control, limitation of glare and upward leakage of light is secured by asymmetric optics that achieve peak intensity at 60° and a sharp cut-off of light at 80°. The MHN-LA/FC lamps guarantee pleasant and natural colour rendering and comfortable atmosphere.

### Benefits

- Asymmetrical downlighting luminaire combines compact dimensions with high efficiency
- Available with narrow, medium and wide beams for flexibility in use; sharp beam cut-off for excellent control of spill light and limitation of glare and upward light leakage

### Features

- Compact dimensions
- High efficiency
- Can be used with metal-halide lamps or high-pressure sodium lamps
- Choice of narrow, medium and wide beams

### Application

- Sports facilities
- Industrial areas
- Car parks

### Specifications

Type	MVP507	Light source	HID: - 1 x MASTER MHN-FC / XW / 1000, 2000 W
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## OptiVision MVP507

	- 1 x MASTER MHN-LA / XWH / 1000, 2000 W
	- 1 x MASTER HPI-T Plus / E40 / 1000 W
	- 1 x MASTER SON-T PIA / E40 / 600 W
	- 1 x SON-T / E40 / 600, 1000 W
<b>Lamp included</b>	Yes (K or light color 643, 740, 842 or 956)
	No
<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>Materials and finishing</b>	Housing: non-corrosive, high-pressure die-cast aluminum
	Glass: thermally hardened, 4 mm thick
	Mounting bracket: hot-dipped galvanized steel
	Clips and hinges: stainless steel
	Reflector: high-reflectivity and high-purity anodized aluminum
	Finishing in raw aluminum
<b>Installation</b>	On mast headframe, ceiling and wall mounting
	Protractor scale integrated for aiming
	Ambient temperature outdoor: 35°C
	Drag factor (Cx): 0.447
	Projected area in horizontal position: 0.127 m
	Max adjustment from the horizontal: -10 / +10°, downlighting only

<b>Maintenance</b>	Lamp access by opening the hinged front glass for in-position lamp replacement
	Built-in safety switch to cut off current while opening the luminaire, only in MHN-LA lamp versions
	No internal cleaning required
<b>Accessories</b>	Simple aiming device (ZVP507 SAD)
<b>Remarks</b>	Equipped with aluminum connection box with ignitor, installed on a separate gear tray (ZVF320)
	Bracket can be inverted to allow mounting above or below a cross arm
	Specially designed heat fins
	Pre-wired external 220 - 240 V / 50 Hz or 380 - 415 V / 50 Hz gear trays are available, to be ordered separately
<b>Main applications</b>	Sports, car parks, industrial areas

## Versions



## Product details



<b>Approval and Application</b>	
Mech. impact protection code	IK08
<b>General Information</b>	
Ball impact resistance mark	Ball Impact Resistance mark
CE mark	CE mark
ENEC mark	-
Number of light sources	1
Product Family Code	MVP507
<b>Mechanical and Housing</b>	
Colour	Aluminium

## General Information

Order Code	Full Product Name	Lamp			
		Light source colour	family code	Lamp power	Optic type
910400184712	MVP507 MHN-LA2000W/842 400V MB SI	842 neutral white	MHN-LA	2000 W	Medium beam
910400184812	MVP507 MHN-LA2000W/842 400V NB SI	842 neutral white	MHN-LA	2000 W	Narrow beam
910400188812	MVP507 MHN-LA2000W/956 400V WB SI	956 daylight	MHN-LA	2000 W	Wide beam
910400189012	MVP507 MHN-LA2000W/956 400V NB SI	956 daylight	MHN-LA	2000 W	Narrow beam

Order Code	Full Product Name	Lamp			
		Light source colour	family code	Lamp power	Optic type
910403025212	MVP507 SON-TP600W K WB SI	-	SON-TP	600 W	Wide beam
910403025312	MVP507 SON-T1000W K WB SI	-	SON-T	1000 W	Wide beam
910403025412	MVP507 MHN-LA1000W/842 230V WB SI	842 neutral white	MHN-LA	1000 W	Wide beam
910403025612	MVP507 SON-T1000W WB SI	-	SON-T	1000 W	Wide beam
910403787412	MVP507 MHN-LA2000W/842 400V WB SI SL	842 neutral white	MHN-LA	2000 W	Wide beam

