



# OptiVision – breakthrough downlight

## 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 color 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 color rendering and comfortable atmosphere.

### Benefits

- Breakthrough 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
- Can be used with metal-halide lamps for good color rendering or high-pressure sodium lamps for economical operation

### Features

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

# OptiVision MVP507

## Application

- Sports facilities
- Industrial areas
- Car parks

## Specifications

<b>Type</b>	MVP507	<b>Maintenance</b>	Lamp access by opening the hinged front glass for in-position lamp replacement
<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 / 1000, 2000 W</li><li>- 1 x MASTER HPI-T Plus / E40 / 1000 W</li><li>- 1 x MASTER SON-T PIA / E40 / 600 W</li><li>- 1 x SON-T / E40 / 600, 1000 W</li></ul>		Built-in safety switch to cut off current while opening the luminaire, only in MHN-LA FC lamp versions
<b>Lamp included</b>	Yes (K or light color 643, 740, 842 or 956) No	<b>Accessories</b>	No internal cleaning required Simple aiming device (ZVP507 SAD)
<b>Optic</b>	Narrow beam (NB) Medium beam (MB) Wide beam (WB)	<b>Remarks</b>	Equipped with aluminum connection box with ignitor, installed on a mounting bracket 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 units (ECB/ECP330) are available, to be ordered separately
<b>Ignitor</b>	Series (SI), integral Parallel (PA), external on a separate gear unit (ECB/ECP330)		
<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		

## Versions



OptiVision MVP507, světlomet pro sportoviště a plošné osvětlení

# OptiVision MVP507

## Product details



## Accessories



Jednoduché zařízení pro směřování (ZVP507 SAD)

Ordercode 910403012712,  
910403978012

### Approval and Application

Mech. impact protection code IK08

### General Information

Ball impact resistance mark Ball Impact  
Resistance mark

CE mark CE mark

Number of light sources 1 pc

Product Family Code MVP507

### Mechanical and Housing

Color Aluminum

## General Information

Order Code	Full Product Name	Light source color	Lamp family code	Lamp power	Optic type
910400184412	MVP507 HPI-T1000W K WB	-	HPI-T	1000 W	Wide beam
910400184612	MVP507 MHN-LA2000W/842 400V WB SI	842 neutral white	MHN-LA	2000 W	Wide beam

Order Code	Full Product Name	Light source color	Lamp 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

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Order Code	Full Product Name	Light source color	Lamp family code	Lamp power	Optic type
910400188212	MVP507 HPI-T1000W WB	-	HPI-T	1000 W	Wide beam
910400188412	MVP507 MHN-LA2000W 400V WB SI	-	MHN-LA	2000 W	Wide beam
910400188512	MVP507 MHN-LA2000W 400V MB SI	-	MHN-LA	2000 W	Medium beam
910400188612	MVP507 MHN-LA2000W 400V NB SI	-	MHN-LA	2000 W	Narrow beam
910400188812	MVP507 MHN-LA2000W/956 400V WB SI	956 daylight	MHN-LA	2000 W	Wide beam
910400188912	MVP507 MHN-LA2000W/956 400V MB SI	956 daylight	MHN-LA	2000 W	Medium beam
910400189012	MVP507 MHN-LA2000W/956 400V NB SI	956 daylight	MHN-LA	2000 W	Narrow beam
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
910403025512	MVP507 SON-T600W WB SI	-	SON-T	600 W	Wide beam
910403025612	MVP507 SON-T1000W WB SI	-	SON-T	1000 W	Wide beam
910403025712	MVP507 MHN-LA1000W 230V WB SI	-	MHN-LA	1000 W	Wide beam
910403747312	MVP507 MHN-FC2000W/740 400V NB SI	740 neutral white	MHN-FC	2000 W	Narrow beam
910403747412	MVP507 MHN-FC2000W/740 400V MB SI	740 neutral white	MHN-FC	2000 W	Medium beam
910403747512	MVP507 MHN-FC2000W/740 400V WB SI	740 neutral white	MHN-FC	2000 W	Wide beam
910403748712	MVP507 MHN-FC1000W/740 230V NB SI	740 neutral white	MHN-FC	1000 W	Narrow beam

Order Code	Full Product Name	Light source color	Lamp family code	Lamp power	Optic type
910403748812	MVP507 MHN-FC1000W/740 230V MB SI	740 neutral white	MHN-FC	1000 W	Medium beam
910403758312	MVP507 MHN-FC1000W/740 230V WB SI	740 neutral white	MHN-FC	1000 W	Wide beam
910403787412	MVP507 MHN-LA2000W/842 400V WB SI SL	842 neutral white	MHN-LA	2000 W	Wide beam
910403787512	MVP507 MHN-LA2000W/842 400V MB SI SL	842 neutral white	MHN-LA	2000 W	Medium beam
910403787612	MVP507 MHN-LA2000W/842 400V NB SI SL	842 neutral white	MHN-LA	2000 W	Narrow beam
910403787812	MVP507 MHN-LA2000W/956 400V WB SI SL	956 daylight	MHN-LA	2000 W	Wide beam
910403787912	MVP507 MHN-LA2000W/956 400V MB SI SL	956 daylight	MHN-LA	2000 W	Medium beam
910403788012	MVP507 MHN-LA2000W/956 400V NB SI SL	956 daylight	MHN-LA	2000 W	Narrow beam
910403788112	MVP507 MHN-FC2000W/740 400V NB SI SL	740 neutral white	MHN-FC	2000 W	Narrow beam
910403788212	MVP507 MHN-FC2000W/740 400V MB SI SL	740 neutral white	MHN-FC	2000 W	Medium beam
910403788312	MVP507 MHN-FC2000W/740 400V WB SI SL	740 neutral white	MHN-FC	2000 W	Wide beam
910403969912	MVP507 MHN-LA1000W/956 WB SI	956 daylight	MHN-LA	1000 W	Wide beam
910404127412	MVP507 MHN-LA1000W WB HRE	-	MHN-LA	1000 W	Wide beam
910404127512	MVP507 MHN-LA2000W WB HRE	-	MHN-LA	2000 W	Wide beam

