



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

OptiVision MVP507

Specifications

Type	MVP507
Light source	HID: - 1 x MASTER MHN-FC / XW / 1000, 2000 W - 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
Lamp included	Yes (K or light color 643, 740, 842 or 956) No
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)
Materials and finishing	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

Installation	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
Maintenance	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
Accessories	Simple aiming device (ZVP507 SAD)
Remarks	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
Main applications	Sports, car parks, industrial areas

Versions



Product details



OptiVision MVP507

Accessories



Simple aiming device (ZVP507 SAD)

Ordercode 910403012712

Approval and Application

Mech. impact protection code IK08

General Information

Ball impact resistance mark Ball Impact Resistance mark

CE mark CE mark

ENEC mark -

Number of light sources 1

Product Family Code MVP507

Mechanical and Housing

Colour Aluminium

General Information

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

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

