



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

Product details



OptiVision MVP507

Application conditions

Maximum dimming level	Not applicable
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Approval and application

Mech. impact protection code	IK08
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Surge protection (common/differential)	-
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Controls and dimming

Dimmable	No
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General information

Ball impact resistance mark	Ball Impact Resistance mark
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Luminaire light beam spread	-
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CE mark	CE mark
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Optical cover/lens type	FG
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Flammability mark	NO
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Gear	-
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Lamp family code	MHN-LA
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Number of gear units	-
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Number of light sources	1
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Product family code	MVP507
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Light technical

Standard tilt angle side entry	-
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Standard tilt angle post-top	-
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Mechanical and housing

Colour	Aluminium
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General information

Order Code	Full Product Name	Light source colour	Lamp power	Optic type
910400184612	MVP507 MHN-LA2000W/842 400V WB SI	842 neutral white	2000 W	Wide beam
910400188812	MVP507 MHN-LA2000W/956 400V WB SI	956 daylight	2000 W	Wide beam
910400188912	MVP507 MHN-LA2000W/956 400V MB SI	956 daylight	2000 W	Medium beam
910400189012	MVP507 MHN-LA2000W/956 400V NB SI	956 daylight	2000 W	Narrow beam
910403969912	MVP507 MHN-LA1000W/956 WB SI	956 daylight	1000 W	Wide beam

Initial performance (IEC compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour rendering index
910400184612	MVP507 MHN-LA2000W/842 400V WB SI	4200 K	>80
910400188812	MVP507 MHN-LA2000W/956 400V WB SI	5600 K	>90

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour rendering index
910400188912	MVP507 MHN-LA2000W/956 400V MB SI	5600 K	>90
910400189012	MVP507 MHN-LA2000W/956 400V NB SI	5600 K	>90

