



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



OptiVision MVP507 sports and area flood lighting luminaire

Product details



OptiVision MVP507

Accessories



Simple aiming device (ZVP507 SAD)

Ordercode 15427500

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

Product Family Code MVP507

Mechanical and Housing

Colour Aluminium

General Information

| Order Code | Full Product Name | Light source colour | Lamp | | Optic type |
|------------|-----------------------------------|---------------------|-------------|------------|-------------|
| | | | family code | Lamp power | |
| 15196000 | MVP507 MHN-LA2000W/842 400V WB SI | 842 neutral white | MHN-LA | 2000 W | Wide beam |
| 15197700 | MVP507 MHN-LA2000W/842 400V MB SI | 842 neutral white | MHN-LA | 2000 W | Medium beam |
| 15198400 | MVP507 MHN-LA2000W/842 400V NB SI | 842 neutral white | MHN-LA | 2000 W | Narrow beam |
| 15207300 | MVP507 MHN-LA2000W/956 400V WB SI | 956 daylight | MHN-LA | 2000 W | Wide beam |
| 15208000 | MVP507 MHN-LA2000W/956 400V MB SI | 956 daylight | MHN-LA | 2000 W | Medium beam |
| 15209700 | MVP507 MHN-LA2000W/956 400V NB SI | 956 daylight | MHN-LA | 2000 W | Narrow beam |
| 54630800 | MVP507 MHN-LA1000W/842 230V WB SI | 842 neutral white | MHN-LA | 1000 W | Wide beam |

| Order Code | Full Product Name | Light source colour | Lamp | | Optic type |
|------------|-----------------------------------|---------------------|-------------|------------|-------------|
| | | | family code | Lamp power | |
| 29134600 | MVP507 MHN-FC2000W/740 400V NB SI | 740 neutral white | MHN-FC | 2000 W | Narrow beam |
| 29135300 | MVP507 MHN-FC2000W/740 400V MB SI | 740 neutral white | MHN-FC | 2000 W | Medium beam |
| 29136000 | MVP507 MHN-FC2000W/740 400V WB SI | 740 neutral white | MHN-FC | 2000 W | Wide beam |
| 29149000 | MVP507 MHN-FC1000W/740 230V NB SI | 740 neutral white | MHN-FC | 1000 W | Narrow beam |
| 29150600 | MVP507 MHN-FC1000W/740 230V MB SI | 740 neutral white | MHN-FC | 1000 W | Medium beam |
| 29251000 | MVP507 MHN-FC1000W/740 230V WB SI | 740 neutral white | MHN-FC | 1000 W | Wide beam |

