



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

Type	MVP507	Maintenance	Lamp access by opening the hinged front glass for in-position lamp replacement
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		Built-in safety switch to cut off current while opening the luminaire, only in MHN-LA FC lamp versions
Lamp included	Yes (K or light color 643, 740, 842 or 956) No		No internal cleaning required
Optic	Narrow beam (NB) Medium beam (MB) Wide beam (WB)	Accessories	Simple aiming device (ZVP507 SAD)
Ignitor	Series (SI), integral Parallel (PA), external on a separate gear unit (ECB/ECP330)	Remarks	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
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		

Versions



OptiVision MVP507 sports and area flood-lighting luminaire

OptiVision MVP507

Product details



In addition, OptiVision can be mounted above or below a crossbar simply by inverting the bracket. This allows multiple lights to be fitted on each mast.

Accessories



Simple aiming device (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

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
910400184712	MVP507 MHN-LA2000W/842 400V MB SI	842 neutral white	MHN-LA	2000 W	Medium beam

Order Code	Full Product Name	Light source color	Lamp family code	Lamp power	Optic type
910400184812	MVP507 MHN-LA2000W/842 400V NB SI	842 neutral white	MHN-LA	2000 W	Narrow beam
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

OptiVision MVP507

Order Code	Full Product Name	Light source color	Lamp family code	Lamp power	Optic type
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
910403748812	MVP507 MHN-FC1000W/740 230V MB SI	740 neutral white	MHN-FC	1000 W	Medium beam

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

Mechanical and Housing

Order Code	Full Product Name	Color
910400184412	MVP507 HPI-T1000W K WB	Aluminum
910400184612	MVP507 MHN-LA2000W/842 400V WB SI	Aluminum
910400184712	MVP507 MHN-LA2000W/842 400V MB SI	Aluminum
910400184812	MVP507 MHN-LA2000W/842 400V NB SI	Aluminum
910400188212	MVP507 HPI-T1000W WB	Aluminum
910400188412	MVP507 MHN-LA2000W 400V WB SI	Aluminum
910400188512	MVP507 MHN-LA2000W 400V MB SI	Aluminum

Order Code	Full Product Name	Color
910400188612	MVP507 MHN-LA2000W 400V NB SI	Aluminum
910400188812	MVP507 MHN-LA2000W/956 400V WB SI	Aluminum
910400188912	MVP507 MHN-LA2000W/956 400V MB SI	Aluminum
910400189012	MVP507 MHN-LA2000W/956 400V NB SI	Aluminum
910403025212	MVP507 SON-TP600W K WB SI	Aluminum
910403025312	MVP507 SON-T1000W K WB SI	Aluminum
910403025412	MVP507 MHN-LA1000W/842 230V WB SI	Aluminum

OptiVision MVP507

Order Code	Full Product Name	Color
910403025512	MVP507 SON-T600W WB SI	Aluminum
910403025612	MVP507 SON-T1000W WB SI	Aluminum
910403025712	MVP507 MHN-LA1000W 230V WB SI	Aluminum
910403747312	MVP507 MHN-FC2000W/740 400V NB SI	Aluminum
910403747412	MVP507 MHN-FC2000W/740 400V MB SI	Aluminum
910403747512	MVP507 MHN-FC2000W/740 400V WB SI	Aluminum
910403748712	MVP507 MHN-FC1000W/740 230V NB SI	Aluminum
910403748812	MVP507 MHN-FC1000W/740 230V MB SI	Aluminum
910403758312	MVP507 MHN-FC1000W/740 230V WB SI	Aluminum
910403787412	MVP507 MHN-LA2000W/842 400V WB SI SL	Aluminum
910403787512	MVP507 MHN-LA2000W/842 400V MB SI SL	Aluminum

Order Code	Full Product Name	Color
910403787612	MVP507 MHN-LA2000W/842 400V NB SI SL	Aluminum
910403787812	MVP507 MHN-LA2000W/956 400V WB SI SL	Aluminum
910403787912	MVP507 MHN-LA2000W/956 400V MB SI SL	Aluminum
910403788012	MVP507 MHN-LA2000W/956 400V NB SI SL	Aluminum
910403788112	MVP507 MHN-FC2000W/740 400V NB SI SL	Black
910403788212	MVP507 MHN-FC2000W/740 400V MB SI SL	Aluminum
910403788312	MVP507 MHN-FC2000W/740 400V WB SI SL	Aluminum
910403969912	MVP507 MHN-LA1000W/956 WB SI	Aluminum
910404127412	MVP507 MHN-LA1000W WB HRE	Aluminum
910404127512	MVP507 MHN-LA2000W WB HRE	Aluminum

