



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

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Specifications

Type	MVP507	Installation	On mast headframe, ceiling and wall mounting
Light source	HID:	Protractor scale integrated for aiming	
	- 1 x MASTER MHN-FC / XW / 1000, 2000 W	Ambient temperature outdoor: 35°C	
	- 1 x MASTER MHN-LA / XWH / 1000, 2000 W	Drag factor (Cx): 0.447	
	- 1 x MASTER HPI-T Plus / E40 / 1000 W	Projected area in horizontal position: 0.127 m	
	- 1 x MASTER SON-T PIA / E40 / 600 W	Max adjustment from the horizontal: -10 / +10°, downlighting only	
	- 1 x SON-T / E40 / 600, 1000 W		
Lamp included	Yes (K or light color 643, 740, 842 or 956)	Maintenance	Lamp access by opening the hinged front glass for in-position lamp replacement
	No		Built-in safety switch to cut off current while opening the luminaire, only in MHN-LA lamp versions
Optic	Narrow beam (NB)		No internal cleaning required
	Medium beam (MB)	Accessories	Simple aiming device (ZVP507 SAD)
	Wide beam (WB)	Remarks	Equipped with aluminum connection box with ignitor, installed on a separate gear tray (ZVF320)
Ignitor	Series (SI), integral		Bracket can be inverted to allow mounting above or below a cross arm
	Semi-parallel (SP), external on a separate gear tray (ZVF320)		Specially designed heat fins
	Parallel (PA), external on a separate gear tray (ZVF320)		Pre-wired external 220 - 240 V / 50 Hz or 380 - 415 V / 50 Hz gear trays are available, to be ordered separately
Materials and finishing	Housing: non-corrosive, high-pressure die-cast aluminum	Main applications	Sports, car parks, industrial areas
	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		

Product details

