



OptiVision - breakthrough downlight

OptiVision

OptiVision MVP507 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, glare and upward leakage of light. OptiVision MVP507 can accommodate metal halide lamps for good colour rendering or high pressure sodium lamps for economical operation.

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

Application

- Sports facilities
- Industrial areas
- Car parks

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Specifications

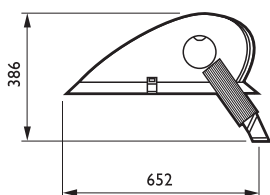
• Type	MVP507	• Installation	On mast headframe, ceiling and wall mounting Protractor scale integrated for aiming Ambient temperature outdoor: 35°C Drag factor (Cx): 0.447 Projected area in horizontal position: 0.127 m ² Max adjustment from the horizontal: -10° / +10°, downlighting only
• Light source	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	• 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
• Lamp included	Yes (K or light colour 643, 740, 842 or 956) No	• Accessories	Simple aiming device (ZVP507 SAD)
• Optic	Narrow beam (NB) Medium beam (MB) Wide beam (WB)	• Remarks	Equipped with aluminium 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
• Ignitor	Series (SI), integral Semi-parallel (SP), external on a separate gear tray (ZVF320) Parallel (PA), external on a separate gear tray (ZVF320)	• Main applications	Sports, car parks, industrial areas
• Materials and finishing	Housing: non-corrosive, high-pressure die-cast aluminium Glass: thermally hardened, 4 mm thick Mounting bracket: hot-dipped galvanised steel Clips and hinges: stainless steel Reflector: high-reflectivity and high-purity anodised aluminium Finishing in raw aluminium		

Related products

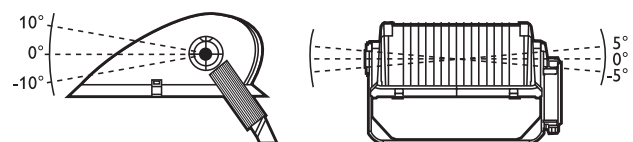
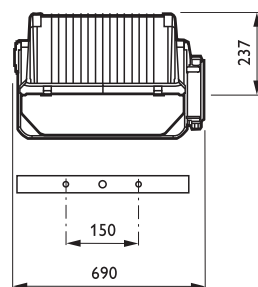


OptiVision MVP507 sports and area flood lighting luminaire

Dimensional drawing



MVP507



Adjustment possibilities



2011, October 19
data subject to change

Product Description

MASTER MHN-FC

Compact quartz metal halide lamps with double pinch

Benefits

- Allows compact luminaire systems with precision optics for minimal light spill
- Good colour rendering creates a pleasant ambience with high visual comfort for players and spectators
- Continuous spectral distribution offers options for semi-professional stadiums and professional stadiums with regular TV coverage

Features

- Double-pinch concept results in long lifetime
- Choice of 1000W and 2000W types
- Natural white colour appearance
- Compact light source allows small luminaire design

Application

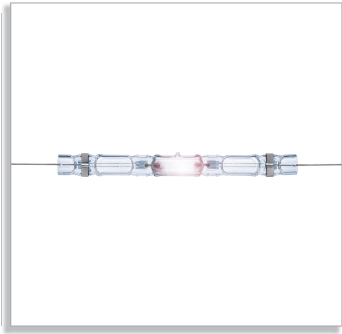
- Recreational sports and area floodlighting

Warnings and Safety

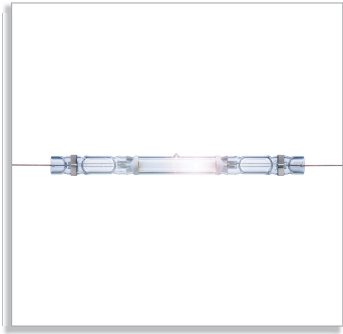
- Use only in totally enclosed luminaire, even during testing (IEC61167, IEC 62035, IEC60598)
- The luminaire must be able to contain hot lamp parts if the lamp ruptures

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Related products

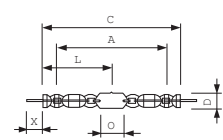


MHN-FC, 1000W



MHN-FC, 2000W

Dimensional drawing



MHN-FC, 1000W/2000W

Product	A (Norm)	C (Max)	D (Norm)	D (Max)	L (Norm)	O (Norm)	X (Norm)
MHN-FC 2000W/740 400V XW	290	357	25.5	33	177	108	58
MHN-FC 1000W/740 230V XW	226	290	25.5	33	144	42.5	58