



# 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

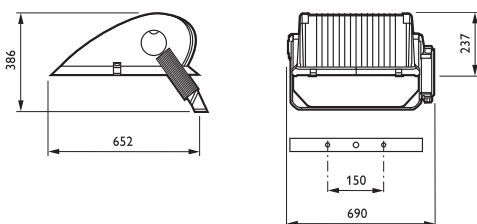
## Specifications

<ul style="list-style-type: none"> <li>• <b>Type</b></li> <li>• <b>Light source</b></li> <li>• <b>Lamp included</b></li> <li>• <b>Optic</b></li> <li>• <b>Ignitor</b></li> <li>• <b>Materials and finishing</b></li> </ul>	<p>MVP507</p> <p>HID:</p> <ul style="list-style-type: none"> <li>- 1 x MASTER MHN-FC / XW / 1000, 2000 W</li> <li>- 1 x MASTER MHN-LA / XWH / 1000, 2000 W</li> <li>- 1 x MASTER HPI-T Plus / E40 / 1000 W</li> <li>- 1 x MASTER SON-T PIA / E40 / 600 W</li> <li>- 1 x SON-T / E40 / 600, 1000 W</li> </ul> <p>Yes (K or light colour 643, 740, 842 or 956) No</p> <p>Narrow beam (NB) Medium beam (MB) Wide beam (WB)</p> <p>Series (SI), integral Semi-parallel (SP), external on a separate gear tray (ZVF320) Parallel (PA), external on a separate gear tray (ZVF320)</p> <p>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</p>	<ul style="list-style-type: none"> <li>• <b>Installation</b></li> <li>• <b>Maintenance</b></li> <li>• <b>Accessories</b></li> <li>• <b>Remarks</b></li> <li>• <b>Main applications</b></li> </ul>	<p>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<sup>2</sup> Max adjustment from the horizontal: -10 / +10°, downlighting only</p> <p>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</p> <p>Simple aiming device (ZVP507 SAD)</p> <p>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</p> <p>Sports, car parks, industrial areas</p>
--	--	---	---

## Related products

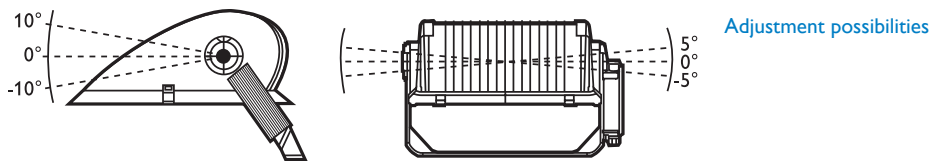


## Dimensional drawing



MVP507

## Dimensional drawing



## Accessories



ZVP507 SAD

## Compare table

Order code	Product family code	Number of lamps	Lamp family code	Lamp power	Lamp color code	Color	Optic	European Community mark	ENEC mark	Ball Impact Resistance mark
151922 00	MVP507	1	SON-TP	600	-	ALU	WB	CE	ENEC	BIR
151939 00	MVP507	1	SON-T	1000	-	ALU	WB	CE	ENEC	BIR
151946 00	MVP507	1	HPI-T	1000	-	ALU	WB	CE	ENEC	BIR
151953 00	MVP507	1	MHN-LA	1000	842	ALU	WB	CE	ENEC	BIR
151960 00	MVP507	1	MHN-LA	2000	842	ALU	WB	CE	ENEC	BIR
151977 00	MVP507	1	MHN-LA	2000	842	ALU	MB	CE	ENEC	BIR
151984 00	MVP507	1	MHN-LA	2000	842	ALU	NB	CE	ENEC	BIR
151991 00	MVP507	1	SON-T	600	-	ALU	WB	CE	ENEC	BIR
152004 00	MVP507	1	SON-T	1000	-	ALU	WB	CE	ENEC	BIR
152028 00	MVP507	1	MHN-LA	1000	-	ALU	WB	CE	ENEC	BIR
152035 00	MVP507	1	MHN-LA	2000	-	ALU	WB	CE	ENEC	BIR
152042 00	MVP507	1	MHN-LA	2000	-	ALU	MB	CE	ENEC	BIR
152059 00	MVP507	1	MHN-LA	2000	-	ALU	NB	CE	ENEC	BIR
152066 00	MVP507	1	MHN-LA	1000	956	ALU	WB	CE	ENEC	BIR
152073 00	MVP507	1	MHN-LA	2000	956	ALU	WB	CE	ENEC	BIR
152080 00	MVP507	1	MHN-LA	2000	956	ALU	MB	CE	ENEC	BIR
152097 00	MVP507	1	MHN-LA	2000	956	ALU	NB	CE	ENEC	BIR
546285 00	MVP507	1	SON-T	600	-	ALU	WB	CE	ENEC	BIR
546292 00	MVP507	1	SON-T	1000	-	ALU	WB	CE	ENEC	BIR
546308 00	MVP507	1	MHN-LA	1000	842	ALU	WB	CE	ENEC	BIR
291339 00	MVP507	1	MHN-FC	1000	740	ALU	WB	CE	ENEC	BIR
291346 00	MVP507	1	MHN-FC	2000	740	ALU	NB	CE	ENEC	BIR
291353 00	MVP507	1	MHN-FC	2000	740	ALU	MB	CE	ENEC	BIR
291360 00	MVP507	1	MHN-FC	2000	740	ALU	WB	CE	ENEC	BIR
291490 00	MVP507	1	MHN-FC	1000	740	ALU	NB	CE	ENEC	BIR
291506 00	MVP507	1	MHN-FC	1000	740	ALU	MB	CE	ENEC	BIR

Order code	Product family code	Number of lamps	Lamp family code	Lamp power	Lamp color code	Color	Optic	European Community mark	ENEC mark	Ball Impact Resistance mark
292497 00	MVP507	1	MHN-FC	1000	740	ALU	NB	CE	ENEC	BIR
292503 00	MVP507	1	MHN-FC	1000	740	ALU	MB	CE	ENEC	BIR
292510 00	MVP507	1	MHN-FC	1000	740	ALU	WB	CE	ENEC	BIR
295740 00	MVP507	1	MHN-LA	2000	-	BK	WB	CE	ENEC	BIR
295757 00	MVP507	1	MHN-LA	2000	-	BK	MB	CE	ENEC	BIR
295764 00	MVP507	1	MHN-LA	2000	-	BK	NB	CE	ENEC	BIR
295771 00	MVP507	1	MHN-LA	2000	842	BK	WB	CE	ENEC	BIR
295788 00	MVP507	1	MHN-LA	2000	842	BK	MB	CE	ENEC	BIR
295795 00	MVP507	1	MHN-LA	2000	842	BK	NB	CE	ENEC	BIR
297126 00	MVP507	1	MHN-LA	2000	956	BK	WB	CE	ENEC	BIR
297133 00	MVP507	1	MHN-LA	2000	956	-	MB	CE	ENEC	BIR
297140 00	MVP507	1	MHN-LA	2000	956	BK	NB	CE	ENEC	BIR
297157 00	MVP507	1	MHN-FC	2000	740	BK	NB	CE	ENEC	BIR
297164 00	MVP507	1	MHN-FC	2000	740	BK	MB	CE	ENEC	BIR
297171 00	MVP507	1	MHN-FC	2000	740	BK	WB	CE	ENEC	BIR
154275 00	ZVP507	-	-	-	-	-	-	-	-	-



© 2010 Koninklijke Philips Electronics N.V.  
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

[www.philips.com/lighting](http://www.philips.com/lighting)

2010, December 4  
data subject to change