PHILIPS Lighting



OptiVision MVP507

MVP507 MHN-LA2000W/842 400V WB SI

OPTIVISION, MASTER MHN-LA, 2000 W, Wide beam

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 metalhalide 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.

Product data

General Information	
Lamp family code	MHN-LA [MASTER MHN-LA]
Number of gear units	-
Gear	-
Product family code	MVP507 [OPTIVISION]
Value ladder	Specification
CE mark	Yes
Warranty period	1 years
Flammability mark	-
ENEC mark	-
EU RoHS compliant	Yes
Serviceability class	Class A, luminaire is equipped with serviceable
	parts (when applicable): LED board, driver,
	control units, surge protection device, optics,
	front cover and mechanical parts

Light Technical	
Standard tilt angle posttop	-
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	4200 K
Color rendering index (CRI)	>80
Number of light sources	1
Light source color	842 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	-
Optic type outdoor	Wide beam
Operating and Electrical	
Input Voltage	400 V
Line Frequency	50 to 60 Hz
Power Consumption	2,000 W
Connection	Screw connector

OptiVision MVP507

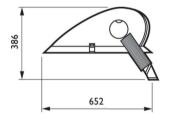
Cable	-
Temperature	
Ambient temperature range	-30 to +35 ℃
Controls and Dimming	
Dimmable	No
Control interface	-
Constant light output	No
Mechanical and Housing	
Housing Material	Aluminum
Reflector material	Aluminum
Optic material	Aluminum
Optical cover material	-
Fixation material	Steel
Housing Color	Aluminum
Mounting device	Mounting bracket adjustable
Optical cover shape	-
Optical cover finish	-
Overall height	386 mm

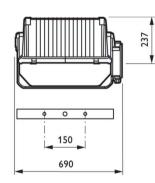
0.16 m²

Approval and Application		
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]	
Mech. impact protection code	IK08 [5 J vandal-protected]	
Surge Protection (Common/Differential) -		
Sustainability rating	-	
Protection class IEC	Safety class I	
Application Conditions		
Maximum dim level	Not applicable	
Product Data		
Order product name	MVP507 MHN-LA2000W/842 400V WB SI	
Full product name	MVP507 MHN-LA2000W/842 400V WB SI	
Full product code	871155915196000	
Order code	910400184612	
Material Nr. (12NC)	910400184612	
Numerator - Quantity Per Pack	1	
EAN/UPC - Product/Case	8711559151960	
Numerator - Packs per outer box	1	
EAN/UPC - Case	8711559151960	

Dimensional drawing

Effective projected area







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