PHILIPS Lighting



OptiVision MVP507

MVP507 MHN-FC1000W/740 230V MB SI

OPTIVISION, MASTER MHN-FC, 1000 W, Medium 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-FC [MASTER MHN-FC] 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 Light Technical - Standard tilt angle posttop -	General Information	
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 Light Technical -		
Gear - Product family code MVP507 [OPTIVISION] Value ladder Specification CE mark Yes Warranty period 1 years Flammability mark - ENEC mark - EU RoHS compliant Yes Light Technical -	Lamp family code	MHN-FC [MASTER MHN-FC]
Product family code MVP507 [OPTIVISION] Value ladder Specification CE mark Yes Warranty period 1 years Flammability mark - ENEC mark - EU RoHS compliant Yes	Number of gear units	-
Value ladder Specification CE mark Yes Warranty period 1 years Flammability mark - ENEC mark - EU RoHS compliant Yes	Gear	-
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Warranty period 1 years Flammability mark - ENEC mark - EU RoHS compliant Yes Light Technical	Value ladder	Specification
Flammability mark - ENEC mark - EU RoHS compliant Yes Light Technical	CE mark	Yes
ENEC mark - EU RoHS compliant Yes Light Technical	Warranty period	1 years
EU RoHS compliant Yes	Flammability mark	-
Light Technical	ENEC mark	-
	EU RoHS compliant	Yes
Standard tilt angle posttop -	Light Technical	
	Standard tilt angle posttop	-
Standard tilt angle side entry -	Standard tilt angle side entry	-
Correlated Color Temperature (Nom) 4000 K	Correlated Color Temperature (Nom)	4000 K

Color rendering index (CRI)	>70
Number of light sources	1
Light source color	740 neutral white
Optical cover type	Flat glass
Luminaire light beam spread	-
Optic type outdoor	Medium beam
Operating and Electrical	
Input Voltage	230 V
Line Frequency	50 to 60 Hz
Power Consumption	1,000 W
Connection	Screw connector
Cable	-

OptiVision MVP507

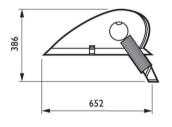
Temperature		
Ambient temperature range	-30 to +35 ℃	
Amplent temperature range	-30 10 +35 C	
Controls and Dimming		
Dimmable	No	
Control interface	-	
Constant light output	No	
Mechanical and Housing		
Housing Material	Aluminum	
Reflector material	Aluminum	
Optic material	Aluminum	
Optical cover material	-	
Fixation material	Steel	
Housing Color	Aluminum	
Mounting device	Mounting bracket adjustable	
Optical cover shape	-	
Optical cover finish	-	
Overall height	386 mm	
Effective projected area	0.16 m²	

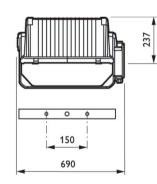
Mech. impact protection code	IK08 [5 J vandal-protected]
Surge Protection (Common/Differential)	-
Sustainability rating	-
Protection class IEC	Safety class I
Application Conditions	
Maximum dim level	Not applicable
Product Data	
Order product name	MVP507 MHN-FC1000W/740 230V MB SI
Full product name	MVP507 MHN-FC1000W/740 230V MB SI
Full product code	872790029150600
Order code	910403748812
Material Nr. (12NC)	910403748812
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8727900291506
Numerator - Packs per outer box	1
EAN/UPC - Case	8727900291506

Approval and Application

Ingress protection code

Dimensional drawing





IP65 [Dust penetration-protected, jet-proof]



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www.lighting.philips.com 2023, December 29 - data subject to change