PHILIPS Lighting



High Power GearUnits

ECP330 MHN-LA2000W 360-415V FU

GearUnits, MASTER MHN-LA, 2000 W, 2166 W

Philips is one of the few companies able to provide total floodlight system solutions comprising all necessary elements - floodlight, lamp source and control gear unit. Our innovative high-power GearUnits are designed to meet our customers' need for a compact gear solution that is completely ready for installation. The pre-wired high-power control gear units are intended for use in combination with floodlights that are suitable for high-wattage HID lamps and cannot integrate electrical components because of limited space or high temperatures. A gear unit contains all electrical components (ballast, ignitors, capacitors), wiring and terminal blocks needed to ensure initial lamp ignition and proper operation of the lamp in stabilized current. The electromagnetic high-power GearUnits are available in both IP20 (ECB330) and IP65 (ECP330) versions. Within the GearUnits family there is also an electronic flicker-free ballast version (ECM330) available in IP20, which is suitable for the MVF403 MHN-LA 1000 W and MVF404 MHN-SE HO 2000 W ArenaVision floodlights. The ArenaVision floodlight family is specially designed for TV broadcasts from indoor and outdoor sports facilities. Electronic-ballast GearUnits completely eliminate the flicker effect, thereby guaranteeing perfect images filmed with superslow-motion cameras.

Product data

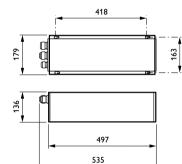
General Information	
Lamp family code	MHN-LA [MASTER MHN-LA]
Number of gear units	1 unit
Gear	CONV [Conventional]
Product family code	ECP330 [GearUnits]
Value ladder	Performance
CE mark	Yes
Flammability mark	For mounting on normally flammable surfaces

ENEC mark	-
Light Technical	
Number of light sources	1
Operating and Electrical	
Input Voltage	360 to 415 V
Line Frequency	50 Hz

High Power GearUnits

Devuer Consumption	2,000,2166 W	Mash immediation and	IK10 [20. Lugadal registent]
Power Consumption	2,000 2,166 W	Mech. impact protection code	IK10 [20 J vandal-resistant]
Connection	Screw connection block 3-pole	Energy Efficiency Index	A3
Temperature		Product Data	
Ambient temperature range	-30 to +55 °C	Order product name	ECP330 MHN-LA2000W 360-415V FU
		Full product name	ECP330 MHN-LA2000W 360-415V FL
Controls and Dimming		Full product code	871829106300100
Dimmable	No	Order code	06300100
		Material Nr. (12NC)	910925728412
Mechanical and Housing		Numerator - Quantity Per Pack	1
Housing Material	Aluminum	EAN/UPC - Product/Case	8718291063001
Housing Color	Silver	Numerator - Packs per outer box	1
		EAN/UPC - Case	8718291063001
Approval and Application			
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]	_	

Dimensional drawing





© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.

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