



High Power GearUnits

ECP330 MHN-SA2000W 380-430V

GearUnits, MASTER MHN-SA, 2000 W, 380 to 430 V

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 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-SA [MASTER MHN-SA]
Number of gear units	Unit
Gear	EB [Electronic]
Product family code	ECB330 [GearUnits]
Value ladder	Performance
CE mark	Yes
Flammability mark	For mounting on normally flammable surfaces

ENEC mark	ENEC mark
Operating and Electrical	
Input Voltage	380 to 430 V
Line Frequency	50 to 60 Hz
Power Consumption	2,000 W
Connection	Screw connection block 3-pole

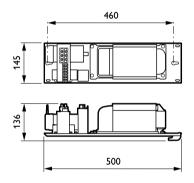
Datasheet, 2023, April 30 data subject to change

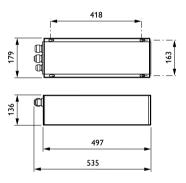
High Power GearUnits

Temperature	
Ambient temperature range	-30 to +55 ℃
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing material	Aluminium
Housing Colour	Silver
Approval and Application	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
Mech. impact protection code	IK10 [20 J vandal-resistant]
Energy efficiency index	A2

ECP330 MHN-SA2000W 380-430V
ECP330 MHN-SA2000W 380-430V
871829106883900
06883900
910925258312
1
8718291068839
1
8718291068839

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.