



High Power GearUnits

ECP330 MHN-SA2000W 380-430V FU

GearUnits, 1, MASTER MHN-SA, 2000 W, 380 to 430 V, 50 to 60 Hz, Fuse included

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 super-slow-motion cameras.

Product data

General Information		Flammability mark	
Lamp family code	MHN-SA [MASTER MHN-SA]	For mounting on normally flammable surfaces	
Number of gear units	1 unit	ENEC mark	
Gear	CONV [Conventional]	Light Technical	
Product family code	ECB330 [GearUnits]	Number of light sources	
Value ladder	Performance	1	
CE mark	Yes		

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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

Temperature

Ambient temperature range	-30 to +55 °C
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Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing Material	Aluminum
Housing Color	Silver

Approval and Application

Ingress protection code	IP65 [Dust penetration-protected, jet-proof]
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Mech. impact protection code	IK10 [20 J vandal-resistant]
Energy Efficiency Index	A2

Product Data

Order product name	ECP330 MHN-SA2000W 380-430V FU
Full product name	ECP330 MHN-SA2000W 380-430V FU
Full product code	871829106884600
Order code	910925258412
Material Nr. (12NC)	910925258412
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291068846
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291068846

Dimensional drawing

