



High Power GearUnits

ECM330 MHN-LA1000W 220-480V

GearUnits, MASTER MHN-LA, 1000 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 super-slow-motion cameras.

Product data

General Information		ENEC mark	
Lamp family code	MHN-LA [MASTER MHN-LA]	ENEC mark	
Number of gear units	1 unit	Light Technical	
Gear	EB [Electronic]	Number of light sources	1
Product family code	ECM330 [GearUnits]	Operating and Electrical	
Value ladder	Performance	Input Voltage	220 to 480 V
CE mark	Yes	Line Frequency	50 to 60 Hz
Flammability mark	-		

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Power Consumption	1,000 W
Connection	Screw connection block 3-pole
Temperature	
Ambient temperature range	-30 to +55 °C
Controls and Dimming	
Dimmable	No
Mechanical and Housing	
Housing Material	Aluminum
Housing Color	Silver
Approval and Application	
Ingress protection code	IP20 [Finger-protected]

Mech. impact protection code	IK10 [20 J vandal-resistant]
Product Data	
Order product name	ECM330 MHN-LA1000W 220-480V
Full product name	ECM330 MHN-LA1000W 220-480V
Full product code	871869660103700
Order code	60103700
Material Nr. (12NC)	910505016322
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718696601037
Numerator - Packs per outer box	1
EAN/UPC - Case	8718696601037

Dimensional drawing

