



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

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Power Consumption	1,000 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	IP20 [Finger-protected]
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Mech. impact protection code	IK10 [20 J vandal-resistant]
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Product Data

Order product name	ECM330 MHN-LA1000W 220-480V
Full product name	ECM330 MHN-LA1000W 220-480V
Full product code	871869660103700
Order code	910505016322
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

