



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 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	
Number of light sources	1 [1 pc]
Lamp family code	MHN-LA [MASTER MHN-LA]
Lamp power	1000 W
Compensation circuit	Inductive parallel compensated
Number of gear units	1 unit
Gear	EB [Electronic]
Electrical circuit protection	-

Connection	Screw connection block 3-pole
Ready-to-install	-
Flammability mark	NO [-]
CE mark	CE mark
ENEC mark	ENEC mark
Product family code	ECM330 [GearUnits]

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Operating and Electrical

Input Voltage	220 to 480 V
Input frequency	50 to 60 Hz
Ignitor	No [-]

Controls and Dimming

Dimmable	No
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Mechanical and Housing

Housing material	Aluminium
Colour	Silver
Dimensions (height x width x depth)	NaN x NaN x NaN mm (NaN x NaN x NaN in)

Approval and Application

Ingress protection code	IP20 [Finger-protected]
Mech. impact protection code	IK10 [20 J vandal-resistant]

Application Conditions

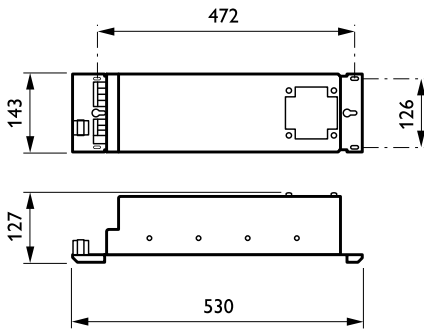
Ambient temperature range	-30 to +55 °C
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Product Data

Full product code	871869660103700
Order product name	ECM330 MHN-LA1000W 220-480V
EAN/UPC – product	8718696601037
Order code	60103700
Numerator – quantity per pack	1
SAP numerator – packs per outer box	1
Material no. (12 NC)	910505016322
SAP net weight (piece)	3.920 kg



Dimensional drawing



GearUnits ECB330/ECP330

