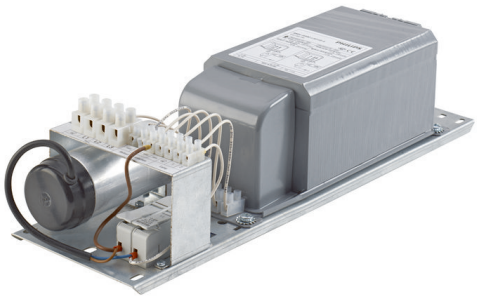
PHILIPS

Lighting



High Power GearUnits

ECB330 MHN-LA1000W 230-240V

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	CONV [Conventional]
Electrical circuit protection	-

Connection	Screw connection block
Flammability mark	F [For mounting on normally flammable surfaces]
CE mark	CE mark
ENEC mark	-
Product Family Code	ECB330 [GearUnits]

Operating and Electrical	
Input voltage	230 to 240 V

High Power GearUnits

Input frequency	50 Hz
Ignitor	No [-]

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Dimensions (height x width x depth)	NaN x NaN x NaN mm (NaN x NaN x NaN in)

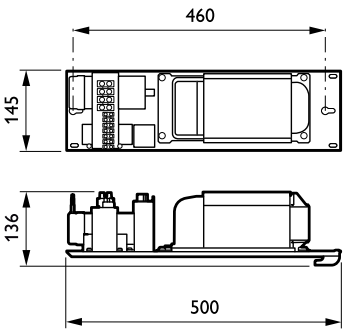
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Energy efficiency index	A3

Initial Performance (IEC Compliant)	
Initial input power	1110 W

Application Conditions	
Ambient temperature range	-30 to +55 °C

Product Data	
Full product code	871829106273800
Order product name	ECB330 MHN-LA1000W 230-240V
EAN/UPC – product	8718291062738
Order code	06273800
Numerator – quantity per pack	1
Numerator – packs per outer box	1
Material no. (12NC)	910925725712
Net weight (piece)	11.800 kg

Dimensional drawing



GearUnits ECB330/ECP330

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