



# High Power GearUnits

## ECP330 MHN-FC1000W 230-240V

GearUnits, MASTER MHN-FC, 1000 W, 1110 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-FC [MASTER MHN-FC]	-	
Number of gear units	1 unit	Light Technical	
Gear	CONV [Conventional]	Number of light sources	1
Product family code	ECP330 [GearUnits]	Operating and Electrical	
Value ladder	Performance	Input Voltage	230 to 240 V
CE mark	Yes	Line Frequency	50 Hz
Flammability mark	For mounting on normally flammable surfaces		

## High Power GearUnits

Power Consumption	1,000 1,110 W
Connection	Screw connection block 3-pole
<b>Temperature</b>	
Ambient temperature range	-30 to +55 °C
<b>Controls and Dimming</b>	
Dimmable	No
<b>Mechanical and Housing</b>	
Housing Material	Aluminum
Housing Color	Silver
<b>Approval and Application</b>	
Ingress protection code	IP65 [Dust penetration-protected, jet-proof]

Mech. impact protection code	IK10 [20 J vandal-resistant]
Energy Efficiency Index	A3
<b>Product Data</b>	
Order product name	ECP330 MHN-FC1000W 230-240V
Full product name	ECP330 MHN-FC1000W 230-240V
Full product code	871829106293600
Order code	06293600
Material Nr. (12NC)	910925727712
Numerator - Quantity Per Pack	1
EAN/UPC - Product/Case	8718291062936
Numerator - Packs per outer box	1
EAN/UPC - Case	8718291062936

### Dimensional drawing

