



High Power GearUnits

ECB330 MHN-SE2000W 380-430V

GearUnits, MASTER MHN-SE, 2000 W, 2120 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		ENEC mark	
Lamp family code	MHN-SE [MASTER MHN-SE]	-	
Number of gear units	Unit		
Gear	CONV [Conventional]		
Product family code	ECB330 [GearUnits]		
Value ladder	Performance		
CE mark	Yes		
Flammability mark	For mounting on normally flammable surfaces		
		Operating and Electrical	
		Input Voltage	380 to 430 V
		Line Frequency	50 Hz
		Power Consumption	2,000 2,120 W
		Connection	Screw connection block 3-pole

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Temperature	
Ambient temperature range	-30 to +55 °C
Controls and Dimming	
Dimmable	No
Approval and Application	
Ingress protection code	IP20 [Finger-protected]
Energy efficiency index	A3
Product Data	
Order product name	ECB330 MHN-SE2000W 380-430V

Full product name	ECB330 MHN-SE2000W 380-430V
Full EOC	871829106277600
Order code	06277600
Material no. (12 NC)	910925726112
SAP numerator – quantity per pack	1
EAN/UPC – Product/Case	8718291062776
Numerator – packs per outer box	1
EAN/UPC – Case	8718291062776

Dimensional drawing

