



# High Power GearUnits

## ECM330 MHN-SEH2000W 277-480V

GearUnits, MASTER MHN-LA, 2000 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-LA [MASTER MHN-LA] | ENEC mark                |              |
| Number of gear units | 1 unit                 | Light Technical          |              |
| Gear                 | EB [Electronic]        | Number of light sources  | 1            |
| Product family code  | ECM330 [GearUnits]     | Operating and Electrical |              |
| Value ladder         | Performance            | Input Voltage            | 277 to 480 V |
| CE mark              | Yes                    | Line Frequency           | 50 to 60 Hz  |
| Flammability mark    | -                      |                          |              |

## High Power GearUnits

|                   |                               |
|-------------------|-------------------------------|
| Power Consumption | 2.000 W                       |
| Connection        | Screw connection block 3-pole |

### Temperature

|                           |               |
|---------------------------|---------------|
| Ambient temperature range | -30 to +55 °C |
|---------------------------|---------------|

### Controls and Dimming

|          |    |
|----------|----|
| Dimmable | No |
|----------|----|

### Mechanical and Housing

|                  |          |
|------------------|----------|
| Housing Material | Aluminum |
| Housing Color    | Silver   |

### Approval and Application

|                         |                         |
|-------------------------|-------------------------|
| Ingress protection code | IP20 [Finger-protected] |
|-------------------------|-------------------------|

|                              |                              |
|------------------------------|------------------------------|
| Mech. impact protection code | IK10 [20 J vandal-resistant] |
|------------------------------|------------------------------|

### Product Data

|                                 |                              |
|---------------------------------|------------------------------|
| Order product name              | ECM330 MHN-SEH2000W 277-480V |
| Full product name               | ECM330 MHN-SEH2000W 277-480V |
| Full product code               | 871869660104400              |
| Order code                      | 910505016323                 |
| Material Nr. (12NC)             | 910505016323                 |
| Numerator - Quantity Per Pack   | 1                            |
| EAN/UPC - Product/Case          | 8718696601044                |
| Numerator - Packs per outer box | 1                            |
| EAN/UPC - Case                  | 8718696601044                |

## Dimensional drawing

