# Outdoor Weatherproof (79W)

## OUTDOOR WEATHERPROOF HID MH BAL 2X400W M59 480V WP

Outdoor weatherproof ballasts are designed for remote mounting outdoors under all weather conditions. They may also be placed inside a pole base, but care must be taken to avoid areas prone to flood situations as they are not water submersable.

## Product data

### General Information

| | |
|---|---|
| **ANSI Code** | M59 |
| **Lamp Type** | MH |
| **Number of Lamps** | 1 piece/unit |
| **Circuit Type** | CWA-ILO |
| **Ballast Type** | Magnetic HID |
| **Base Model** | 79W6341 |
| **Suitable For Outdoor Use** | Yes |
| **Ignitor Catalog Number** | Inside Can |
| **Capacitor Catalog Number** | Inside Can |
| **Automatic Restart** | No |

### Operating and Electrical

| | |
|---|---|
| **Input Voltage** | 480 V |
| **Input Frequency** | 60 Hz |
| **Input Current (Open Circuit)** | 0 A |
| **Input Current (Starting)** | 0 A |
| **Input Current (Short Circuit)** | 0-0 A |
| **Secondary Short Circuit Current** | 0-0 A |
| **Constant Wattage Deviation** | 10% |

| | |
|---|---|
| **Ballast Factor (Nom)** | 1 |
| **Power Factor (Nom)** | 0.90 |
| **Open Circuit Voltage** | 330 V |
| **Input Current (Nom)** | 2.1 A A |
| **Input Power (Nom)** | 890 W |
| **Rated Lamp Power** | 400 W |

### Wiring

| | |
|---|---|
| **Wire Striplength** | 0.5 mm |
| **Wire Length by Color** | 10" |
| **Wire Type** | Stranded |
| **Remote Wiring Configuration Allowed** | Yes |
| **Max Ballast-Lamp Distance Remote Wiring** | Determined by AWG used |
| **Recommended Fuse Value** | 7 A |

### Mechanical and Housing

| | |
|---|---|
| **Housing Material** | Metal |
| **Housing** | OW |
| **Housing Dimensions** | 13.8" x 6.38" x 6.38" |

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## Approval and Application

| | |
|---|---|
| **Open Circuit Voltage Test (Volts)** | 0-0 V |
| **Approval Marks** | CSA certificate UL certificate RoHS Compliant |
| **Temperature Marking** | Max. case temperature 90ºC |
| **UL Recognized** | No |
| **Hipot Test (1 Minute)** | 2000 V |
| **Hipot Test (2 Seconds)** | 2500 V |
| **UL Insulation Class** | H(180°C) |
| **UL Temperature Code** | NA |

## Product Data

| | |
|---|---|
| **Order product name** | OUTDOOR WEATHERPROOF HID MH BAL 2X400W M59 480V WP |
| **EAN/UPC – Product** | 781087963418 |
| **Order code** | 913700549409 |
| **Numerator – Quantity Per Pack** | 1 |
| **Numerator – Packs per outer box** | 1 |
| **Material Nr. (12NC)** | 913700549409 |
| **Net Weight (Piece)** | 20.571 kg |

## Dimensional drawing
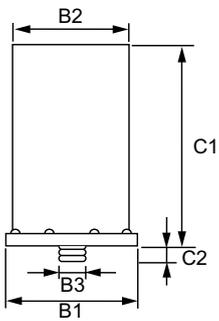


**MH BAL 2X400W M59 480V WP**

| Product | B1 | B2 | B3 | C1 | C2 |
|---|---|---|---|---|---|
| OUTDOOR WEATHERPROOF HID 79W6341001 | 7.3 in | 6.4 in | 1 in | 13.8 in | 1.9 in |

www.lighting.philips.com

2019, February 12 – data subject to change