



F-can (72C)

F-CAN HID MH BAL 150W M81 120/277V FCAN

The Philips Advance line of F-can HID ballasts comes in two dual-voltage configurations for the US and Canadian market. Ballasts for these luminaires are most often encased and potted in fluorescent ballast type cans.

Product data

| General Information | | | | |
|---------------------------------|------------------|--|--|--|
| ANSI Code | M81(PULSESTART) | | | |
| Lamp Type | 150W MH | | | |
| Number of Lamps | 1 piece/unit | | | |
| Circuit Type | HX-HPF | | | |
| Ballast Type | Magnetic HID | | | |
| Base Model | 72C5481 | | | |
| Suitable For Outdoor Use | Yes | | | |
| Ignitor Catalog Number | Inside Can | | | |
| Capacitor Catalog Number | Inside Can | | | |
| Automatic Restart | No | | | |
| | | | | |
| Operating and Electrical | | | | |
| Input Voltage | 120/277 V | | | |
| Input Frequency | 60 Hz | | | |
| Input Current (Open Circuit) | 3.65/1.6 A | | | |
| Input Current (Starting) | 1.75/0.75 A | | | |
| Input Current (Short Circuit) | 1-1.5/0.4-0.65 A | | | |
| Secondary Short Circuit Current | 2.15-2.65 A | | | |
| Constant Wattage Deviation | 12% | | | |
| Ballast Factor (Nom) | 1 | | | |
| Power Factor (Nom) | 0.90 | | | |
| Open Circuit Voltage | 240 V | | | |
| Input Current (Nom) | 1.6/0.7 A A | | | |
| | | | | |

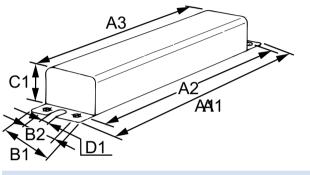
| Input Power (Nom) | 180 W | | | | |
|---------------------------------------------|-------------------------------------|--|--|--|--|
| Rated Lamp Power | 150 W | | | | |
| | | | | | |
| Wiring | | | | | |
| Wire Striplength | 0.5 mm | | | | |
| Wire Length by Color | 12" | | | | |
| Wire Type | Stranded | | | | |
| Remote Wiring Configuration Allowed | Yes | | | | |
| Max Ballast-Lamp Distance Remote Wiring 10' | | | | | |
| Recommended Fuse Value | 10/4 A | | | | |
| | | | | | |
| Mechanical and Housing | | | | | |
| Housing Material | Metal | | | | |
| Housing | F-Can | | | | |
| Housing Dimensions | 14.3 x 2.63 x 3.19 | | | | |
| | | | | | |
| Approval and Application | | | | | |
| Open Circuit Voltage Test (Volts) | 215-265 V | | | | |
| Approval Marks | CSA certificate UL certificate RoHS | | | | |
| | Compliant | | | | |
| Temperature Marking | 90ºC max. case | | | | |
| UL Recognized | No | | | | |
| Liber of Toot (1 Minute) | | | | | |
| Hipot Test (1 Minute) | 1600 V | | | | |
| Hipot Test (2 Seconds) | 1600 V 2000 V | | | | |

F-can (72C)

| UL Insulation Class | A(105°C) |
|---------------------|------------------------------------|
| UL Temperature Code | NA |
| | |
| Product Data | |
| Order product name | F-CAN HID MH BAL 150W M81 120/277V |
| | FCAN |
| EAN/UPC - Product | 781087254813 |
| Order code | 508804 |
| | |

| Local order code | 508804 |
|---------------------------------|--------------|
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 4 |
| Material Nr. (12NC) | 913700580009 |
| Net Weight (Piece) | 5.630 kg |
| | |

Dimensional drawing



| Product | A1 | A2 | A3 | B1 | B2 | C1 | D1 |
|---------------------|-------|----------|----------|--------|--------|--------|--------|
| F-CAN HID 72C5481NP | 12 in | 13.75 in | 13.13 in | 3.9 in | 2.0 in | 2.6 in | 0.3 in |

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www.lighting.philips.com 2019, February 12 - data subject to change