



# F-can (72C)

## F-CAN HID 72C5581NP001

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                       | M57-M107              |
| Lamp Type                       | 175/150W MH           |
| Number Of Lamps                 | 1 piece/unit          |
| Circuit Type                    | CWA                   |
| Ballast Type                    | Magnetic HID          |
| Base Model                      | 72C5581               |
| Suitable For Outdoor Use        | Yes                   |
| Ignitor Catalog Number          | NA                    |
| Capacitor Catalog Number        | Inside Can            |
| Automatic Restart               | No                    |
| Operating and Electrical        |                       |
| Input Voltage                   | 120/277 V             |
| Input Frequency                 | 60 Hz                 |
| Power (Rated) (Nom)             | 175/150 W             |
| Input Current (Open Circuit)    | 2.15/0.92 A           |
| Input Current (Starting)        | 0.85/0.36 A           |
| Input Current (Short Circuit)   | 0.56-0.85/0.24-0.36 A |
| Secondary Short Circuit Current | 1.55-1.9 A            |
| Constant Wattage Deviation      | 10%                   |
| Ballast Factor (Nom)            | 1                     |
| Power Factor (Nom)              | 0.90                  |

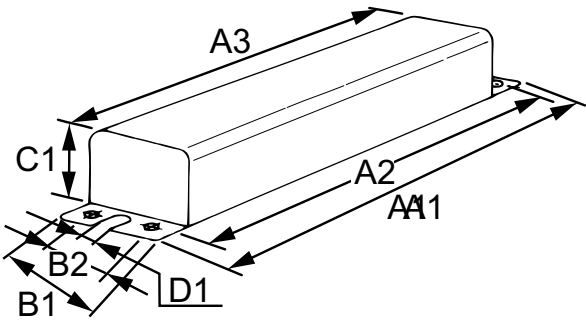
| Open Circuit Voltage                    | 300 V                  |
|---|------------------------|
| Input Current (Nom)                     | 1.75/0.75 A A          |
| Input Power (Nom)                       | 205 W                  |
| Rated Lamp Power                        | 175/150W W             |
| 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 | Determined by AWG used |
| Recommended Fuse Value                  | 5/3 A                  |
| Mechanical and Housing                  |                        |
| Housing Material                        | Metal                  |
| Housing                                 | F-Can                  |
| Housing Dimensions                      | 11.75 x 2.63 x 3.19    |
| Approval and Application                |                        |
| Open Circuit Voltage Test (Volts)       | 270-330 V              |
| Temperature Marking                     | 90°C max. case         |
| UL Recognized                           | No                     |
| Hipot Test (1 Minute)                   | 1600 V                 |

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|                        |                        |
|------------------------|------------------------|
| Hipot Test (2 Seconds) | 2000 V                 |
| UL Insulation Class    | A(105°C)               |
| UL Temperature Code    | NA                     |
| Product Data           |                        |
| Order product name     | F-CAN HID 72C5581NP001 |
| EAN/UPC - Product      | 781087025307           |

|                                 |              |
|---------------------------------|--------------|
| Order code                      | 913710408401 |
| Numerator - Quantity Per Pack   | 1            |
| Numerator - Packs per outer box | 1            |
| Material Nr. (12NC)             | 913710408401 |
| Net Weight (Piece)              | 5.131 kg     |

Dimensional drawing



MH BAL 175W M57 120/277V FCAN

| Product                | A1    | A2       | A3      | B1     | B2     | C1     | D1     |
|------------------------|-------|----------|---------|--------|--------|--------|--------|
| F-CAN HID 72C5581NP001 | 12 in | 11.13 in | 10.5 in | 3.9 in | 2.0 in | 2.6 in | 0.3 in |

