



# F-can (72C)

## F-CAN HID HPS BAL 150W S55 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                | S55          |
| Lamp Type                | 150W HPS     |
| Number of Lamps          | 1 piece/unit |
| Circuit Type             | HX-HPF       |
| Ballast Type             | Magnetic HID |
| Base Model               | 72C8185      |
| 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)    | 2.25/1 A          |
| Input Current (Starting)        | 2.55/1.15 A       |
| Input Current (Short Circuit)   | 2.5-3.7/1.1-1.6 A |
| Secondary Short Circuit Current | 4.0-5.0 A         |
| Constant Wattage Deviation      | Within Trapezoid  |
| Ballast Factor (Nom)            | 1                 |
| Power Factor (Nom)              | 0.90              |
| Open Circuit Voltage            | 120 V             |
| Input Current (Nom)             | 1.65/0.72 A A     |

|                   |       |
|-------------------|-------|
| Input Power (Nom) | 185 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 | 5'       |
| Recommended Fuse Value                  | 8/4 A    |

| Mechanical and Housing |                    |
|------------------------|--------------------|
| Housing Material       | Metal              |
| Housing                | F-Can              |
| Housing Dimensions     | 14.3 x 2.63 x 3.19 |

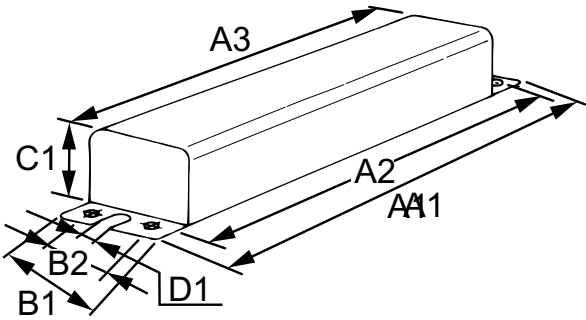
| Approval and Application          |                                               |
|-----------------------------------|-----------------------------------------------|
| Open Circuit Voltage Test (Volts) | 110-130 V                                     |
| Approval Marks                    | CSA certificate UL certificate RoHS Compliant |
| Temperature Marking               | 90°C max. case                                |
| UL Recognized                     | No                                            |
| Hipot Test (1 Minute)             | 1600 V                                        |
| Hipot Test (2 Seconds)            | 2000 V                                        |

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|                     |                                             |
|---------------------|---------------------------------------------|
| UL Insulation Class | A(105°C)                                    |
| UL Temperature Code | NA                                          |
| Product Data        |                                             |
| Order product name  | F-CAN HID HPS BAL 150W S55 120/277V<br>FCAN |
| EAN/UPC - Product   | 781087281857                                |

|                                 |              |
|---------------------------------|--------------|
| Order code                      | 913700599809 |
| Numerator - Quantity Per Pack   | 1            |
| Numerator - Packs per outer box | 4            |
| Material Nr. (12NC)             | 913700599809 |
| Net Weight (Piece)              | 5.353 kg     |

Dimensional drawing



| Product             | A1    | A2       | A3       | B1     | B2     | C1     | D1     |
|---------------------|-------|----------|----------|--------|--------|--------|--------|
| F-CAN HID 72C8185NP | 12 in | 13.75 in | 13.13 in | 3.9 in | 2.0 in | 2.6 in | 0.3 in |

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