PHILIPS Lighting

F-can (72C)

F-CAN HID HPS BAL 70W S62 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.
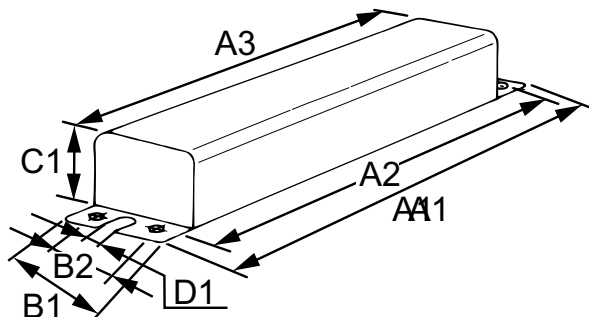
Product data

General Information

ANSI Code	S62
Lamp Type	70W HPS
Number of Lamps	1 piece/unit
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	72C7984
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
Power (Rated) (Nom)	70 W
Inp. Current (Open Circuit)	1.45/0.65 A
Input Current (Starting)	1/0.5 A
Input Current (Short Circuit)	0.65-1/0.25-0.45 A
Secondary Short Circuit Current	1.85-2.25 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90

Nominal Open Circuit Voltage	120 V
Input Current (Operating) (Nom)	0.82/0.36 A A
Input Power (Nom)	90 W
Rated Lamp Watts	70W 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	7'
Recommended Fuse Value	5/2 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)	110-130 V
Temperature Marking	90ºC max. case
UL Recognized	No
Hipot Test (1 Minute)	1600 V

F-can (72C)

Hipot Test (2 Seconds)	2000 V
UL Insulation Class	A(105°C)
UL Temperature Code	NA

Product Data	
Order product name	F-CAN HID 72C7984NP
EAN/UPC - Product	781087279847

Order code	72C7984NP
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	913700580909
Net Weight (Piece)	3.616 kg

Dimensional drawing

HPS BAL 70W S62 120/277V FCAN

Product	A1	A2	A3	B1	B2	C1	D1
F-CAN HID 72C7984NP	12 in	11.13 in	10.5 in	3.9 in	2.0 in	2.6 in	0.3 in