



F-can (72C)

F-CAN HID HPS BAL 50W S68 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	S68				
Lamp Type	50W HPS				
Number of Lamps	1 piece/unit				
Circuit Type	HX-HPF				
Ballast Type	Magnetic HID				
Base Model	72C7884				
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)	1.4/0.62 A				
Input Current (Starting)	0.7/0.35 A				
Input Current (Short Circuit)	0.6-0.95/0.28-0.42 A				
Secondary Short Circuit Current	1.55-1.95 A				
Constant Wattage Deviation	Within Trapezoid				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Open Circuit Voltage	120 V				
Input Current (Nom)	0.65/0.3 A A				

Input Power (Nom)	65 W				
Rated Lamp Power	50 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 Wiri	ng 15'				
Recommended Fuse Value	4/2 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				
Approval Marks	CSA certificate UL certificate RoHS				
	Compliant				
Temperature Marking	90ºC 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 50W S68 120/277V
	FCAN
EAN/UPC - Product	781087025147

Order code	913710409601		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	1		
Material Nr. (12NC)	913710409601		
Net Weight (Piece)	3.561 kg		

Dimensional drawing



Product	A1	A2	A3	B1	B2	C1	D1
F-CAN HID 72C7884NP001	12 in	11.13 in	10.5 in	3.9 in	2.0 in	2.6 in	0.3 in

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www.lighting.philips.com 2019, March 8 - data subject to change