



# F-can (72C)

## F-CAN HID MH BAL 400W M59 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	M59				
Lamp Type	400W MH				
Number of Lamps	1 piece/unit				
Circuit Type	CWA				
Ballast Type	Magnetic HID				
Base Model	72C6082				
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				
Inp. Current (Open Circuit)	3.85/1.65 A				
Input Current (Starting)	3.25/1.4 A				
Input Current (Short Circuit)	2.4-3.6/1.05-1.55 A				
Secondary Short Circuit Current	3.2-3.9 A				
Constant Wattage Deviation	10%				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Nominal Open Circuit Voltage	310 V				
Input Current (Operating) (Nom)	3.9/1.7 A A				

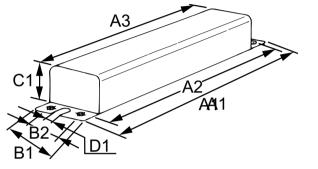
Input Power (Nom)	460 W					
Rated Lamp Watts	400 W					
Wiring						
Wire Striplength	0.5 mm					
Wire Length by Color	12"					
Wire Type	Stranded					
Remote Wiring Configuration Allowed	Yes					
Max Ballast-Lamp Distance Remote Wiring Determined by AWG used						
Recommended Fuse Value	10/5 A					
Mechanical and Housing						
Housing Material	Metal					
Housing	F-Can					
Housing Dimensions	19.2 x 2.63 x 3.19					
Approval and Application						
Open Circuit Voltage Test (Volts)	280-340 V					
Approbation 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					

### F-can (72C)

UL Insulation Class	A(105°C)				
UL Temperature Code	NA				
Product Data					
Order product name	F-CAN HID MH BAL 400W M59 120/277V				
	FCAN				
EAN/UPC - Product	781087025161				

Order code	72C6082NP001
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913710409201
Net Weight (Piece)	10.293 kg

#### **Dimensional drawing**



Product	A1	A2	A3	B1	B2	C1	D1
F-CAN HID MH BAL 400W M59	12 in	18.63 in	18 in	3.9 in	2.0 in	2.6 in	0.3 in
120/277V FCAN							

MH BAL 400W M59 120/277V FCAN



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