F-can (72C)

F-CAN HID MH BAL 100W M90/140 120/347V 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 Characteristics**

Lamp Type	100W MH
Number of Lamps	1 piece
Line Voltage	120/347 V
Input Current (Operating)	1.1/0.38 A
Line Frequency	60 Hz
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	72C53C1
Housing	F-Can
Housing Dimensions	11.75 x 2.63 x 3.19
Housing Material	Metal
Suitable for Outdoor use?	Yes
Ignitor Catalog Number	Inside Can
Capacitor Catalog Number	Inside Can
Family Name	F-Can

- **Operating Characteristics**

Automatic restart	No
Input Voltage at Lamp Dropout	72/208 V
Nominal Open Circuit Voltage	277 V
Inp. Current (Open Circuit)	2.4/0.85 A
Input Current (Starting)	2.2/0.75 A
Input Current Short Circuit	0.9-1.4/0.3-0.45 A
Secondary ShortCircuit Current	1.4-1.65 A
Input Power Gear	125 W

- **System Chars on driver level**

Constant wattage deviation	12%
Ballast factor	1 -
Power Factor	0.90

- **Wiring Characteristics**

Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Allowed Wiring Config(Remote)	Yes
Max Dist. Ball to Lamp(Remote)	15'
Recommended Fuse	6/2 A

- **System Chars on driver level**

Rated Lamp Watts	100W

- **Product Dimensions**

Length A1	12 in
Length A2	11.13 in
Length A3	10.5 in
Width B1	3.9 in
Height C1	2.6 in
Fixing Hole Diameter D1	0.3 in
Width B2	2.0 in

- **Approval & Application Chars**

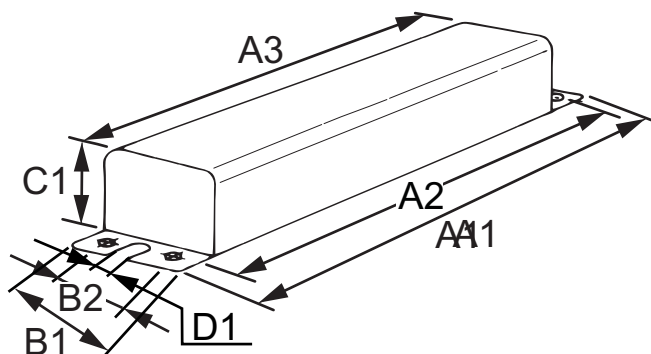|	
Approbation Marks	CSA, RoHS
CE marking	No
VDE certificate	No

PHILIPS

UL Listed	No	Open Circ Voltage Test (Volts)	250-305 V
CSA certificate	Yes	UL Insulation Class	A(105°C)
CCC certificate	No	UL Temperature Code	NA
Chia Quality Certificate	No		
Temperature marking	90°C max. case		
CEC Listing	No		

• Product Data

cUL certificate	No	Product number	72C53C1NP
EISA	No	Full product name	MH BAL 100W M90/140 120/347V FCAN
ETL Certificate	No	Short product name	MH BAL 100W M90/140 120/347V FCAN
FIDE Certificate	No		
NOM certificate	No	Pieces per Sku	1
RoHS Compliant	Yes	Skus/Case	4
SASO Certificate	No	Bar code on pack	781087007679
UL Recognized	No	Bar code on case	50781087007674
ANSI Code	M90/M140 (Pulse Start)	Logistics code(s)	913700579909
HiPot Test (1 minute)	1700 V	eop_net_weight_pp	4.242 kg
HiPot Test (2 seconds)	2100 V		

Dimensional drawing

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Product	A1 (Norm)	A2 (Norm)	A3 (Norm)	B1 (Norm)	B2 (Norm)	C1 (Norm)	D1 (Norm)
MH BAL 100W M90/140 120/347V FCAN	12	11.13	10.5	3.9	2.0	2.6	0.3
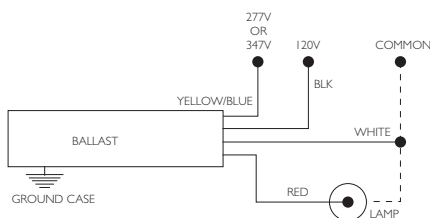
www.philips.com/lighting

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data subject to change