



Core & Coil (71A) MH > 450W

CORE & COIL HID MH BAL 750W M149 277/347/480V KIT

The basic ballast is the open core and coil which is most often used as a component within a lighting luminaire. The core and coil also forms the nucleus of Philips Advance's five other ballast configurations.

Product data

• General Characteristics

Lamp Type	750W MH
Number of Lamps	1 piece
Line Voltage	277/34/480 V
Input Current (Operating)	3/2.45/1.75 A
Line Frequency	60 Hz
Circuit Type	SUPER-CWA
Ballast Type	Magnetic HID
Base Model	71A64F2
Core Size	4 1/4 x 6 (2 Coil)
Suitable for Outdoor use?	Yes
Ignitor Catalog Number	LI573-H5
Ignitor Temp Rating	105°C
Capacitor value [µF]	28 MFD
Capacitor Catalog Number	7C280S40
Capacitor Requirements	400V
Capacitor Temp Rating	105°C
Capacitor Dia/Oval Dim	2 in
Capacitor Height	4.80 in
Family Name	Core & Coil MH High Power

• Operating Characteristics

Automatic restart	No
Input Voltage at Lamp Dropout	138/174/240 V
Nominal Open Circuit Voltage	355 V
Inp. Current (Open Circuit)	1.8/1.45/1 A

Input Current (Starting)	2.2/1.65/1.25 A
Input Current Short Circuit	1.7-2.6/1.35-2.05/1-1.5 V
Secondary ShortCircuit Current	5-6 A
Input Power Gear	818 W
Constant wattage deviation	10%
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	8/7/5 A

• System Chars on driver level

Rated Lamp Watts	750W
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• Product Dimensions

Length A1	6 in
Length A2	5.4 in
Length A3	4.4 in
Width B1	4.3 in
Coil Depth C1	4.25 in
Stack Height C2	2.28 in
Width B2	3.9 in

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• Approval & Application Chars

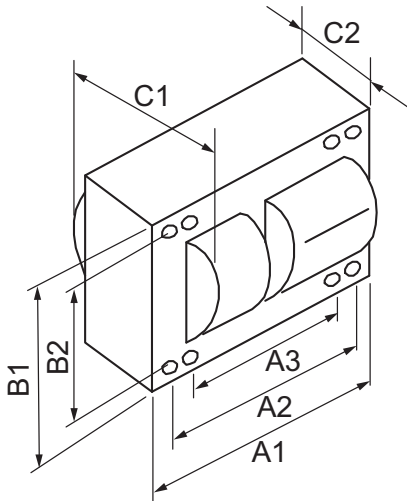
Approbation Marks	ULR, CSA, RoHS
CE marking	No
VDE certificate	No
UL Listed	No
CSA certificate	Yes
CCC certificate	No
Chia Quality Certificate	No
Temperature marking	E/E/E
CEC Listing	No
cUL certificate	No
EISA	No
ETL Certificate	No
FIDE Certificate	No
NOM certificate	No
RoHS Compliant	Yes
SASO Certificate	No
UL Recognized	Yes
ANSI Code	M149

HiPot Test (1 minute)	2000 V
HiPot Test (2 seconds)	2500 V
Open Circ Voltage Test (Volts)	320-390 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029E

• Product Data

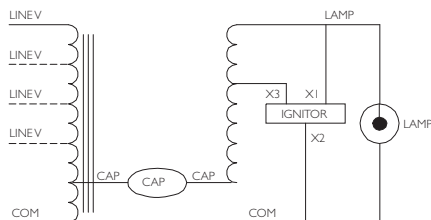
Product number	71A64F2001D
Full product name	MH BAL 750W M149 277/347/480V KIT
Short product name	MH BAL 750W M149 277/347/480V KIT
Pieces per Sku	1
Skus/Case	1
Bar code on pack	781087052198
Bar code on case	30781087052199
Logistics code(s)	913710605001
eop_net_weight_pp	8.587 kg

Dimensional drawing



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Product	A1 (Norm)	A2 (Norm)	A3 (Norm)	B1 (Norm)	B2 (Norm)	C1 (Norm)	C2 (Norm)	C3 (Norm)
MH BAL 750W M149 277/347/480V KIT	6	5.4	4.4	4.3	3.9	4.25	2.28	-





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data subject to change