



# Core & Coil (71A) MH ~GT~ 450W

## CORE & COIL HID MH BAL 750W M149 277/347/480V/120T C&C

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 Information	
ANSI Code	M149
Lamp Type	750W MH
Number of Lamps	1 piece/unit
Circuit Type	SUPER-CWA
Ballast Type	Magnetic HID
Base Model	71A64F2T
Core Size	4 1/4 x 6 (2 Coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI573-H5
Ignitor Temperature Rating	105°C
Capacitor Value	28 MFD
Capacitor Catalog Number	7C280S40
Capacitor Requirements	400V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	2 in
Capacitor Height	4.80 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	277/34/480/120T V
Input Frequency	60 Hz
Input 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 Short Circuit Current	5-6 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	355 V
Input Current (Nom)	3/2.45/1.75 A A
Input Power (Nom)	818 W
Rated Lamp Power	750 W

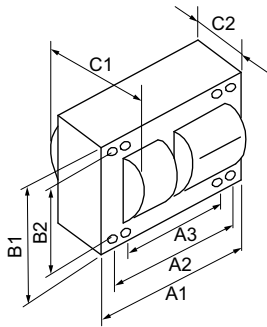
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote Wiring 15'	
Recommended Fuse Value	8/7/5 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	320-390 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	E/E/E
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029E

<b>Product Data</b>	
Order product name	CORE & COIL HID MH BAL 750W M149 277/347/480V/120T C&C
EAN/UPC - Product	781087112014
Order code	913710514502
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710514502
Net Weight (Piece)	8.133 kg

### Dimensional drawing



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Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A64F2500DT	4.25 in	2.28 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

