**PHILIPS** Lighting



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

## CORE & COIL HID MH BAL 750W M149 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	71A64F0T	
Core Size	4 1/4 x 4 3/4 (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	4.8 in	
Automatic Restart	No	

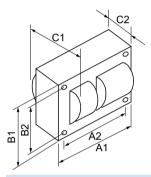
Operating and Electrical	
Input Voltage	347/480/120T V
Input Frequency	60 Hz
Input Current (Open Circuit)	1.35/1 A
Input Current (Starting)	1.8/1.4 A
Input Current (Short Circuit)	1.45-2.15/1.1-1.65 V
Secondary Short Circuit Current	4.9-6 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	340 V
Input Current (Nom)	2.5/1.75 A A
Input Power (Nom)	820 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 W	Viring 15'
Recommended Fuse Value	6/4 A
Approval and Application	
Open Circuit Voltage Test (Volts)	306-375 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A/A
UL Recognized	Yes
Hipot Test (1 Minute)	1500 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	N(AC200°C)
UL Temperature Code	1029A

Product Data	
Order product name	CORE & COIL HID MH BAL 750W M149
	347/480V/120T C&C
EAN/UPC - Product	781087044131
Order code	913710582002
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	3
Material Nr. (12NC)	913710582002
Net Weight (Piece)	6.428 kg

#### **Dimensional drawing**



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