PHILIPS Lighting



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

CORE & COIL HID MH BAL 1000W M141 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	M141	
Lamp Type	1000W MH	
Number of Lamps	1 piece/unit	
Circuit Type	CWA	
Ballast Type	Magnetic HID	
Base Model	71A65F1T	
Core Size	4 1/4 x 4 3/4 (2 coil)	
Suitable For Outdoor Use	Yes	
Ignitor Catalog Number	LI572-H5	
Ignitor Temperature Rating	105°C	
Capacitor Value	24 MFD	
Capacitor Catalog Number	MD2409000	
Capacitor Requirements	480V	
Capacitor Temperature Rating	90°C	
Capacitor Diameter/Oval Dimensions	1.75 in	
Capacitor Height	3.9 in	
Automatic Restart	No	

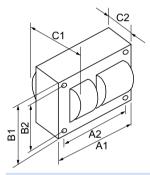
Operating and Electrical	
Operating and Electrical	
Input Voltage	347/480/120T V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	1.5/1.1 A
Input Current (Starting)	2.5/1.8 A
Input Current (Short Circuit)	1.95-2.95/1.4-2.1 V
Secondary Short Circuit Current	4.9-6.1 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	415 V
Input Current (Operating) (Nom)	3.1/2.25 A A
Input Power (Nom)	1070 W
Rated Lamp Watts	1000 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 5'		
Recommended Fuse Value	8/6 A	
Approval and Application		
Open Circuit Voltage Test (Volts)	370-460 V	
Approbation 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 1000W M141
	347/480V/120T C&C
EAN/UPC - Product	781087044216
Order code	71A65F1600T
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710582602
Net Weight (Piece)	9.122 kg

Dimensional drawing



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