



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

CORE & COIL HID MH BAL 875W M166 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	M166			
Lamp Type	875W MH			
Number of Lamps	1 piece/unit			
Circuit Type	CWA			
Ballast Type	Magnetic HID			
Base Model	71A64F8T			
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	21 MFD			
Capacitor Catalog Number	MD2100-030			
Capacitor Requirements	480V			
Capacitor Temperature Rating	90℃			
Capacitor Diameter/Oval Dimensions	1.75 in			
Capacitor Height	3.9 in			
Automatic Restart	No			

Operating and Electrical				
Input Voltage	347/480/120T V			
Input Frequency	60 Hz			
Inp. Current (Open Circuit)	1.7/0.95 A			
Input Current (Starting)	2.8/1.65 A			
Input Current (Short Circuit)	2.25-3.35/1.3-2 V			
Secondary Short Circuit Current	4.45-5.4 A			
Constant Wattage Deviation	10%			
Ballast Factor (Nom)	1			
Power Factor (Nom)	0.90			
Nominal Open Circuit Voltage	415 V			
Input Current (Operating) (Nom)	2.75/2 A A			
Input Power (Nom)	945 W			
Rated Lamp Watts	875 W			
Wiring				
Wire Striplength	0.5 mm			
Wire Length by Color	12"			
Wire Type	Stranded			
Remote Wiring Configuration Allowed	Yes			

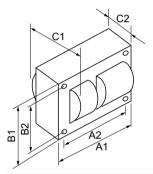
Datasheet, 2019, February 12 data subject to change

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Max Ballast-Lamp Distance Remote Wiring 5'				
Recommended Fuse Value	7/5 A			
Approval and Application				
Open Circuit Voltage Test (Volts)	375-455 V			
Approbation Marks	ULR CSA certificate RoHS Compliant			
Temperature Marking	E/E			
UL Recognized	Yes			
Hipot Test (1 Minute)	1500 V			
Hipot Test (2 Seconds)	2500 V			
UL Insulation Class	H(180°C)			
UL Temperature Code	1029E			

Product Data			
Order product name	CORE & COIL HID MH BAL 875W M166		
	347/480V/120T C&C		
EAN/UPC - Product	781087037683		
Order code	71A64F8500T		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	3		
Material Nr. (12NC)	913710589402		
Net Weight (Piece)	8.152 kg		

Dimensional drawing



MH BAL 875W 347/480V/120T C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A64F8500T	5 in	3 in	4.8 in	4.4 in	4.3 in	3.9 in

