



## Core & Coil (71A) MH 175W - 450W

# CORE & COIL HID MH BAL 250W M58 120/277/347V 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	M58			
Lamp Type	250W MH			
Number of Lamps	1 piece/unit			
Circuit Type	CWA			
Ballast Type	Magnetic HID			
Base Model	71A57A0			
Core Size	4 1/4 x 4 3/4 (2 coil)			
Suitable For Outdoor Use	Yes			
Ignitor Catalog Number	NA			
Ignitor Temperature Rating	NA			
Capacitor Value	15 MFD			
Capacitor Catalog Number	7C150P40R			
Capacitor Requirements	400V			
Capacitor Temperature Rating	105°C			
Capacitor Diameter/Oval Dimensions	1.75 in			
Capacitor Height	3.75 in			
Automatic Restart	No			

Operating and Electrical					
Input Voltage	120/277/347 V				
Input Frequency	60 Hz				
Input Current (Open Circuit)	2.1/0.9/0.75 A				
Input Current (Starting)	2.2/1/0.8 A				
Input Current (Short Circuit)	1.9-2.7/0.8-1.2/0.65-1 A				
Secondary Short Circuit Current	2.25-2.75 A				
Constant Wattage Deviation	10%				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Open Circuit Voltage	315 V				
Input Current (Nom)	2.5/1.1/0.9 A A				
Input Power (Nom)	295 W				
Rated Lamp Power	250 W				
Wiring					
Wire Striplength	0.5 mm				
Wire Length by Color	12"				
Wire Type	Stranded				
Remote Wiring Configuration Allowed	Yes				

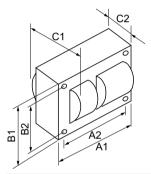
Datasheet, 2019, February 12 data subject to change

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Max Ballast-Lamp Distance Remote Wiring Determined by AWG used					
Recommended Fuse Value	8/3/3 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	280-345 V				
Approval Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	A/A/A				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				
UL Temperature Code	1029A				

Product Data	
Order product name	CORE & COIL HID MH BAL 250W M58
	120/277/347V C&C
EAN/UPC - Product	781087067390
Order code	913710657502
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	913710657502
Net Weight (Piece)	4.087 kg

#### Dimensional drawing



MH BAL 250W M58 120/277/347V C&C

Dunadusak	C1	63	Δ1	42	D1	D2
Product	CI	C2	AI	AZ	ы	BZ
CORE & COIL HID 71A57A0600A	3.10 in	1.64 in	4.8 in	4.4 in	4.3 in	3.9 in

