



# Core & Coil (71A) MH ~LT~ 175W

## CORE & COIL HID MH BAL 150W M102/142 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**

Jumber of Lamps 1: Circuit Type Hallast Type Malast Type Asase Model 7	M102-M142 I50 MH I piece/unit HX-HPF Magnetic HID 71A5442T 3 X 4 (2 coil)
Alumber of Lamps 1 Circuit Type H Ballast Type N Base Model 7	I piece/unit HX-HPF Magnetic HID 71A5442T
Circuit Type Hallast Type Mallast Type Masse Model 7	HX-HPF  Magnetic HID  71A5442T
Sallast Type Nase Model 7	Magnetic HID 7IA5442T
Base Model 7	71A5442T
,	
Core Size 3	3 X 4 (2 coil)
uitable For Outdoor Use Y	Yes
gnitor Catalog Number L	LI533-H4
gnitor Temperature Rating	105°C
Capacitor Value	16 MFD
Capacitor Catalog Number 7	7C160M30RA
Capacitor Requirements 2	280V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions 1.	l.65 in
Capacitor Height 2	2.75 in
Automatic Restart N	No

Operating and Electrical	
Input Voltage	480 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	0.81 A
Input Current (Starting)	0.45 A
Input Current (Short Circuit)	0.33-0.49 A
Secondary Short Circuit Current	1.91-2.33 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	270 V
Input Current (Operating) (Nom)	0.42 A A
Input Power (Nom)	185 W
Rated Lamp Watts	150 W
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

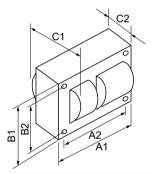
Datasheet, 2019, March 22 data subject to change

### Core & Coil (71A) MH ~LT~ 175W

Max Ballast-Lamp Distance Remote Wiring 10'					
Recommended Fuse Value	3 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	243-297 V				
Approbation Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	В				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				
UL Temperature Code	1029B				

Product Data					
Order product name	CORE & COIL HID MH BAL 150W M102/142				
	480V/120T C&C				
EAN/UPC - Product	781087026335				
Order code	71A5442500DT				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	4				
Material Nr. (12NC)	913710491402				
Net Weight (Piece)	4.078 kg				

#### Dimensional drawing



MH BAL 150W M102/142 480V/120T C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID MH BAL 150W	3.92 in	2.8 in	3.9 in	3.5 in	2.8 in	2.4 in
M102/142 480V/120T C&C						

