



Core & Coil (71A) HPS ~LT~ 200W

CORE & COIL HID HPS BAL 100W (EURO LAMP) 220/240V 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	SON-TPIA				
Lamp Type	100W HPS				
Number of Lamps	1 piece/unit				
Circuit Type	LEAD-REACTOR				
Ballast Type	Magnetic HID				
Base Model	71A9917				
Core Size	2 5/8 x 2 3/16				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	LI533-H4				
Ignitor Temperature Rating	105°C				
Capacitor Value	12 MFD				
Capacitor Catalog Number	7C120M30RA				
Capacitor Requirements	300V				
Capacitor Temperature Rating	105°C				
Capacitor Diameter/Oval Dimensions	1.65 in				
Capacitor Height	2.75 in				
Automatic Restart	No				

Operating and Electrical	
Input Voltage	220/240 V
Input Frequency	60 Hz
Input Current (Open Circuit)	0.97/1.06 A
Input Current (Starting)	0.56/0.4 A
Input Current (Short Circuit)	0.44-0.66/0.33-0.4 A
Secondary Short Circuit Current	1.2-1.65 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	220 V
Input Current (Nom)	0.52/0.46 A A
Input Power (Nom)	112 W
Rated Lamp Power	100 W
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

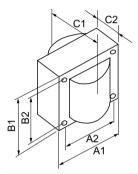
Datasheet, 2019, March 22 data subject to change

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Max Ballast-Lamp Distance Remote Wiring 2'				
Recommended Fuse Value	4/4 A			
Approval and Application				
Open Circuit Voltage Test (Volts)	202-233 V			
Approval Marks	NOM certificate RoHS Compliant			
Temperature Marking	A/A			
UL Recognized	No			
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 HPS BAL 100W (EURO			
	LAMP) 220/240V C&C			
EAN/UPC - Product	781087108994			
Order code	913701147502			
Numerator - Quantity Per Pack	1			
Numerator - Packs per outer box	4			
Material Nr. (12NC)	913701147502			
Net Weight (Piece)	1.348 kg			

Dimensional drawing



HPS BAL 100W (EURO LAMP) 220/240V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 100W (EURO	3.25 in	2 in	2.6 in	2.2 in	2.2 in	1.8 in
LAMP) 220/240V C&C						

