



# 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
Inp. 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
Nominal Open Circuit Voltage	220 V
Input Current (Operating) (Nom)	0.52/0.46 A A
Input Power (Nom)	112 W
Rated Lamp Watts	100 W

Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

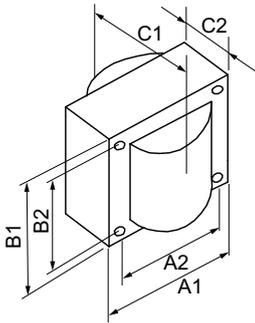
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Max Ballast-Lamp Distance Remote Wiring 2'	
Recommended Fuse Value	4/4 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	202-233 V
Approbation Marks	NOM certificate RoHS Compliant
Temperature Marking	A/A
UL Recognized	No
Hipot Test (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	71A9917500DML
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913701147502
Net Weight (Piece)	1.348 kg

### Dimensional drawing



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

