



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

**CORE & COIL HID HPS BAL 70W (EURO LAMP)**  
**127/220/240 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	70W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A99J7
Core Size	3 X 4 (2 LW)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI501-J4
Ignitor Temperature Rating	105°C
Capacitor Value	10 MFD
Capacitor Catalog Number	7C100M30RA
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	127/220/240 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	0.48/0.28/0.15 A
Input Current (Starting)	0.24/0.14/0.13 A
Input Current (Short Circuit)	0.19-0.3/0.11-0.18/0.1-0.17 A
Secondary Short Circuit Current	1.15-1.45 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	190 V
Input Current (Operating) (Nom)	0.7/0.4/0.35 A A
Input Power (Nom)	86 W
Rated Lamp Watts	70 W

## Wiring

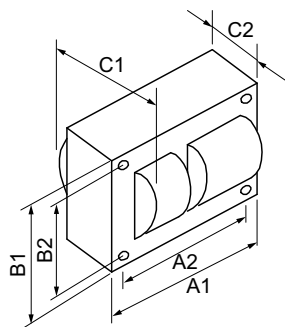
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote Wiring	2'
Recommended Fuse Value	2/1/1 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	180-200 V
Approbation Marks	FIDE Certificate NOM certificate RoHS Compliant
Temperature Marking	A/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
<b>Product Data</b>	
Order product name	CORE & COIL HID HPS BAL 70W (EURO LAMP) 127/220/240 C&C
EAN/UPC - Product	781087124116
Order code	71A99J7500DML
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913701150202
Net Weight (Piece)	2.935 kg

### Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A99J7500DML	3.85 in	2.40 in	3.9 in	3.5 in	2.8 in	2.4 in

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