

# Core & Coil (71A) HPS ~GT~ 400W

**CORE & COIL HID HPS BAL 600W S106  
120/208/240V 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	S106
Lamp Type	600W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A85E5
Core Size	4 1/4 x 6
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI561-H5
Ignitor Temperature Rating	105°C
Capacitor Value	64 MFD
Capacitor Catalog Number	7C640S28RA
Capacitor Requirements	280V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	3.15 in
Capacitor Height	5.10 in
Automatic Restart	No

### Operating and Electrical

<b>Input Voltage</b>	120/208/240 V
<b>Input Frequency</b>	60 Hz
<b>Inp. Current (Open Circuit)</b>	3/1.75/1.6 A
<b>Input Current (Starting)</b>	5.25/3/2.6 A
<b>Input Current (Short Circuit)</b>	3.3-5/1.9-2.8/1.6-2.4 A
<b>Secondary Short Circuit Current</b>	7.4-9 A
<b>Constant Wattage Deviation</b>	Within Trapezoid
<b>Ballast Factor (Nom)</b>	1
<b>Power Factor (Nom)</b>	0.90
<b>Nominal Open Circuit Voltage</b>	220 V
<b>Input Current (Operating) (Nom)</b>	5.5/3.25/2.85 A A
<b>Input Power (Nom)</b>	670 W
<b>Rated Lamp Watts</b>	600 W

## Wiring

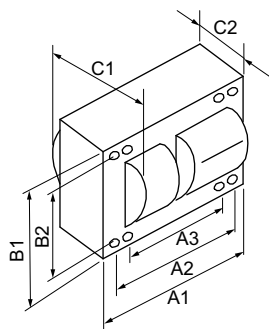
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote Wiring 2'	
Recommended Fuse Value	15/9/8 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	200-245 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A/A/B
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

<b>Product Data</b>	
Order product name	CORE & COIL HID HPS BAL 600W S106 120/208/240V C&C
EAN/UPC - Product	781087042670
Order code	71A85E5500D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913700578109
Net Weight (Piece)	10.575 kg

### Dimensional drawing



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Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID HPS BAL 600W S106 120/208/240V C&C	5.10 in	3.15 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

