



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

## CORE & COIL HID HPS BAL 600W S106 277/347/480V 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	71A85F5
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	3.12 in
Capacitor Height	4.9 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	277/347/480 V
Input Frequency	60 Hz
Input Current (Open Circuit)	1.4/1.1/0.75 A
Input Current (Starting)	2.15/1.7/1.2 A
Input Current (Short Circuit)	1.3-2/1.1-1.6/0.8-1.2 A
Secondary Short Circuit Current	7.4-9 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	228 V
Input Current (Nom)	2.5/2/1.43 A A
Input Power (Nom)	665 W
Rated Lamp Power	600 W

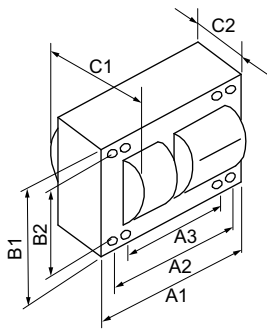
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote Wiring	5'
Recommended Fuse Value	7/5/4 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	205-250 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A/A/A
UL Recognized	Yes
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 600W S106 277/347/480V C&C
EAN/UPC - Product	781087037355
Order code	913700578309
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913700578309
Net Weight (Piece)	10.665 kg

### Dimensional drawing



HPS BAL 600W S106 277/347/480V C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID HPS BAL 600W S106 277/347/480V C&C	4.9 in	3.12 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

