



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

**CORE & COIL HID HPS BAL 70W S62  
120/277/347V 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	S62
Lamp Type	70W HPS
Number of Lamps	1 piece/unit
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	71A79A1
Core Size	3 X 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI551-H4
Ignitor Temperature Rating	105°C
Capacitor Value	7 MFD
Capacitor Catalog Number	7C070L30RA
Capacitor Requirements	280V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.25 in
Capacitor Height	2.75 in
Automatic Restart	No

## Operating and Electrical

<b>Input Voltage</b>	120/277/347 V
<b>Input Frequency</b>	60 Hz
<b>Inp. Current (Open Circuit)</b>	1.45/0.65/0.55 A
<b>Input Current (Starting)</b>	0.75/0.35/0.3 A
<b>Input Current (Short Circuit)</b>	0.6-0.95/0.25-0.4/0.2-0.3 A
<b>Secondary Short Circuit Current</b>	1.8-2.2 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>	120 V
<b>Input Current (Operating) (Nom)</b>	0.81/0.35/0.3 A A
<b>Input Power (Nom)</b>	93 W
<b>Rated Lamp Watts</b>	70 W

## Wiring

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

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

Max Ballast-Lamp Distance Remote Wiring	2'
Recommended Fuse Value	5/2/2 A

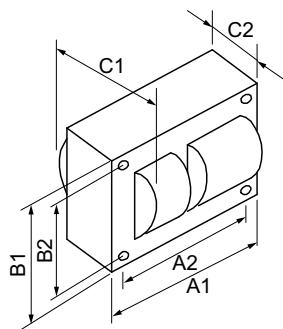
### Approval and Application

Open Circuit Voltage Test (Volts)	110-130 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	A/B/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	1029B

### Product Data

Order product name	CORE & COIL HID 71A79A1600
EAN/UPC - Product	781087024096
Order code	71A79A1600
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	913700504681
Net Weight (Piece)	2.164 kg

### Dimensional drawing



HPS BAL 70W S62 120/277/347V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A79A1600	3.1 in	1.5 in	3.9 in	3.5 in	2.8 in	2.4 in

