



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

## CORE & COIL HID 71A7971001D

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		Input Frequency	
ANSI Code	S62	Input Frequency	60 Hz
Lamp Type	70W HPS	Input Current (Open Circuit)	1.46/0.86/0.73/0.64 A
Number of Lamps	1 piece/unit	Input Current (Starting)	0.85/0.51/0.43/0.39 A
Circuit Type	HX-HPF	Input Current (Short Circuit)	0.6-0.95/0.35-0.6/0.3-0.5/0.25-0.4 A
Ballast Type	Magnetic HID	Secondary Short Circuit Current	2.1-2.45 A
Base Model	71A7971	Constant Wattage Deviation	Within Trapezoid
Core Size	3 X 4 (2 LW)	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	LI551-H4	Open Circuit Voltage	120 V
Ignitor Temperature Rating	105°C	Input Current (Nom)	0.81/0.47/0.4/0.35 A A
Capacitor Value	7 MFD	Input Power (Nom)	96 W
Capacitor Catalog Number	7C070L30RA	Rated Lamp Power	70 W
Capacitor Requirements	280V	<b>Wiring</b>	
Capacitor Temperature Rating	105°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	1.25 in	Wire Length by Color	12"
Capacitor Height	2.75 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
<b>Operating and Electrical</b>		Max Ballast-Lamp Distance Remote Wiring	2'
Input Voltage	120/208/240/277 V	Recommended Fuse Value	5/3/2/2 A

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### Approval and Application

Open Circuit Voltage Test (Volts)	110-130 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	B/C/B/C
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029C

### Product Data

Order product name	CORE & COIL HID 71A7971001D
EAN/UPC - Product	781087797112
Order code	913700501309
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700501309
Net Weight (Piece)	2.527 kg

### Dimensional drawing



HPS BAL 70W S62 QUAD KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A7971001D	2.9 in	1.52 in	3.9 in	3.5 in	2.8 in	2.4 in





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