



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

CORE & COIL HID HPS BAL 750W S111 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	S111
Lamp Type	750W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A86E5
Core Size	4 1/4 x 6
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI561-H5
Ignitor Temperature Rating	105°C
Capacitor Value	75 MFD
Capacitor Catalog Number	7C750S28RA
Capacitor Requirements	280V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	2.05 in
Capacitor Height	5 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120/208/240 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	3/1.75/1.6 A
Input Current (Starting)	6.3/3.7/3.2 A
Input Current (Short Circuit)	4.4-6.5/2.5-3.85/2.2-3.4 A
Secondary Short Circuit Current	9.2-11.25 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	220 V
Input Current (Operating) (Nom)	6.75/4/3.5 A A
Input Power (Nom)	840 W
Rated Lamp Watts	750 W

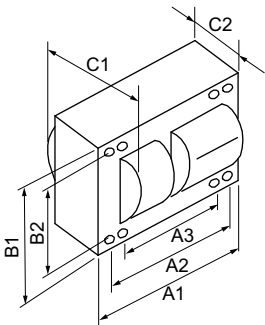
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote Wiring	5'
Recommended Fuse Value	20/10/10 A
Approval and Application	
Open Circuit Voltage Test (Volts)	200-245 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/E/E
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029E

Product Data	
Order product name	CORE & COIL HID 71A86E5500D
EAN/UPC - Product	781087865552
Order code	71A86E5500D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913700539909
Net Weight (Piece)	10.429 kg

Dimensional drawing



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Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID 71A86E5500D	5.10 in	3.15 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in

