



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

# CORE & COIL HID HPS BAL 100W S54 120V 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	S54				
Lamp Type	100W HPS				
Number of Lamps	1 piece/unit				
Circuit Type	R-HPF				
Ballast Type	Magnetic HID				
Base Model	71A8007				
Core Size	2 5/8 x 2 3/16				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	LI551-H4				
Ignitor Temperature Rating	105°C				
Capacitor Value	36 MFD				
Capacitor Catalog Number	7C360M12RA				
Capacitor Requirements	120V				
Capacitor Temperature Rating	105°C				
Capacitor Diameter/Oval Dimensions	1.65 in				
Capacitor Height	2.75 in				
Automatic Restart	No				
Operating and Electrical					
Input Voltage	120 V				

Input Frequency	60 Hz				
Input Current (Open Circuit)	1.8 A				
Input Current (Starting)	1.5 A				
Input Current (Short Circuit)	1.0-1.6 A				
Secondary Short Circuit Current	2.4-3.6 A				
Constant Wattage Deviation	Within Trapezoid				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Open Circuit Voltage	120 V				
Input Current (Nom)	1.05 A A				
Input Power (Nom)	115 W				
Rated Lamp Power	100 W				
Wiring					
Wire Striplength	0.5 mm				
Wire Length by Color	12"				
Wire Type	Stranded				
Remote Wiring Configuration Allowed	Yes				
Max Ballast-Lamp Distance Remote Wiring	<b>g</b> 2'				
Recommended Fuse Value	5 A				

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Open Circuit Voltage Test (Volts)					
open circuit voltage rest (volts)	114-126 V				
Approval Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	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				

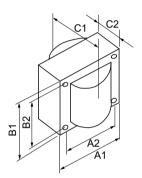
C&C

CORE & COIL HID HPS BAL 100W S54 120V

EAN/UPC - Product	781087026700
Order code	913700504761
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	12
Material Nr. (12NC)	913700504761
Net Weight (Piece)	1.302 kg

Order product name

#### **Dimensional drawing**



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Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A8007510D	2.8 in	1.5 in	2.6 in	2.2 in	2.2 in	1.8 in



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