



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

# CORE & COIL HID HPS BAL 150W S55 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	S55				
Lamp Type	150W HPS				
Number of Lamps	1 piece/unit				
Circuit Type	CWA				
Ballast Type	Magnetic HID				
Base Model	71A8148				
Core Size	3 X 4 (2 coil)				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	LI551-J4				
Ignitor Temperature Rating	105℃				
Capacitor Value	55 MFD				
Capacitor Catalog Number	7C550P24RA				
Capacitor Requirements	170V				
Capacitor Temperature Rating	105℃				
Capacitor Diameter/Oval Dimensions	1.85 in				
Capacitor Height	3.7 in				
Automatic Restart	No				
Operating and Electrical					
Input Voltage	480 V				

Input Frequency	60 Hz			
Input Current (Open Circuit)	0.24 A			
Input Current (Starting)	0.24 A			
Input Current (Short Circuit)	0.17-0.27 A			
Secondary Short Circuit Current	3.9-4.8 A			
Constant Wattage Deviation	Within Trapezoid			
Ballast Factor (Nom)	1			
Power Factor (Nom)	0.90			
Open Circuit Voltage	110 V			
Input Current (Nom)	0.42 A A			
Input Power (Nom)	188 W			
Rated Lamp Power	150 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 10'				
Recommended Fuse Value	1 A			

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Approval and Application     Open Circuit Voltage Test (Volts)   100-120 V     Approval Marks   ULR CSA certific     Temperature Marking   E     UL Recognized   Yes     Hipot Test (1 Minute)   2000 V     Hipot Test (2 Seconds)   2500 V	ficate RoHS Complian
Approval Marks ULR CSA certific   Temperature Marking E   UL Recognized Yes   Hipot Test (1 Minute) 2000 V	îcate RoHS Complian
Temperature Marking E   UL Recognized Yes   Hipot Test (1 Minute) 2000 V	ficate RoHS Complian
UL Recognized Yes   Hipot Test (1 Minute) 2000 V	
Hipot Test (1 Minute) 2000 V	
,	
Hipot Test (2 Seconds) 2500 V	
,	
UL Insulation Class H(180°C)	
UL Temperature Code 1029E	

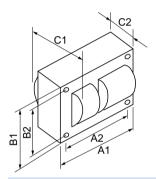
C&C

CORE & COIL HID HPS BAL 150W S55 480V

EAN/UPC - Product	781087814857
Order code	913700505121
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913700505121
Net Weight (Piece)	4.015 kg

Order product name

#### **Dimensional drawing**



HPS BAL 150W S55 480V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A8148500D	3.8 in	2.5 in	3.9 in	3.5 in	2.8 in	2.4 in



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