



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

CORE & COIL HID HPS BAL 150W S55 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	S55			
Lamp Type	150W HPS			
Number of Lamps	1 piece/unit			
Circuit Type	HX-HPF			
Ballast Type	Magnetic HID			
Base Model	71A81A2			
Core Size	3 X 4 (2 coil)			
Suitable For Outdoor Use	Yes			
Ignitor Catalog Number	LI551-H4			
Ignitor Temperature Rating	105°C			
Capacitor Value	14 MFD			
Capacitor Catalog Number	7C140M30RA			
Capacitor Requirements	280V			
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	120/277/347 V				
Input Frequency	60 Hz				
Inp. Current (Open Circuit)	2.8/1.25/0.92 A				
Input Current (Starting)	2/0.85/0.52 A				
Input Current (Short Circuit)	1.15-1.75/0.5-0.75/0.4-0.6 A				
Secondary Short Circuit Current	3.95-4.85 A				
Constant Wattage Deviation	Within Trapezoid				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Nominal Open Circuit Voltage	120 V				
Input Current (Operating) (Nom)	1.65/0.72/0.56 A A				
Input Power (Nom)	188 W				
Rated Lamp Watts	150 W				
Wiring					
Wire Striplength	0.5 mm				
Wire Length by Color	12"				
Wire Type	Stranded				
Remote Wiring Configuration Allowed	Yes				

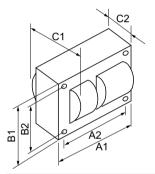
Datasheet, 2019, March 22 data subject to change

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Max Ballast-Lamp Distance Remote	2'				
Wiring					
Recommended Fuse Value	10/4/3 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	110-130 V				
Approbation Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	D/D/D				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				
UL Temperature Code	1029D				

Product Data			
Order product name	CORE & COIL HID HPS BAL 150W S55		
	120/277/347V C&C		
EAN/UPC - Product	781087028384		
Order code	71A81A2500D		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	4		
Material Nr. (12NC)	913700505211		
Net Weight (Piece)	3.552 kg		

Dimensional drawing



HPS BAL 150W S55 120/277/347V KIT

Product	C 1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 150W S55	3.8 in	2.6 in	3.9 in	3.5 in	2.8 in	2.4 in
120/277/347V C&C						



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