



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

CORE & COIL HID HPS BAL 100W S54 127/220V 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	CWA			
Ballast Type	Magnetic HID			
Base Model	71A80H8A			
Core Size	3 X 4 (2 LW)			
Suitable For Outdoor Use	Yes			
Ignitor Catalog Number	LI551-J4			
Ignitor Temperature Rating	105°C			
Capacitor Value	34 MFD			
Capacitor Catalog Number	7C340P24RA			
Capacitor Requirements	180V			
Capacitor Temperature Rating	105°C			
Capacitor Diameter/Oval Dimensions	1.65 in			
Capacitor Height	3.7 in			
Automatic Restart	No			

Operating and Electrical				
Input Voltage	127/220 V			
Input Frequency	60 Hz			
Inp. Current (Open Circuit)	0.47/0.27 A			
Input Current (Starting)	0.88/0.5 A			
Input Current (Short Circuit)	0.62-0.93/0.35-0.54 A			
Secondary Short Circuit Current	2.85-3.1 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)	1.07/0.62 A A			
Input Power (Nom)	138 W			
Rated Lamp Watts	100 W			
Wiring				
Wire Striplength	0.5 mm			
Wire Length by Color	12"			
Wire Type	Stranded			
Remote Wiring Configuration Allowed	Yes			

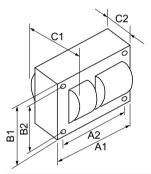
Datasheet, 2019, March 22 data subject to change

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Max Ballast-Lamp Distance Remote W	Jiring 2'					
Recommended Fuse Value	<u> </u>					
Approval and Application						
Open Circuit Voltage Test (Volts)	110-130 V					
Approbation Marks	ULR NOM certificate RoHS Compliant					
Temperature Marking	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 100W S54		
	127/220V C&C		
EAN/UPC - Product	781087074206		
Order code	71A80H8500DMLA		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	2		
Material Nr. (12NC)	913710655809		
Net Weight (Piece)	3.539 kg		

Dimensional drawing



HPS BAL 100W S54 127/220V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 100W S54	3.89 in	2.35 in	3.9 in	3.5 in	2.8 in	2.4 in
127/220V C&C						

