PHILIPS Lighting



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

CORE & COIL HID HPS BAL 150W S55 120/220/240/277V 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	71A9936
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	1.65 in
Dimensions	
Capacitor Height	2.75 in
Automatic Restart	No

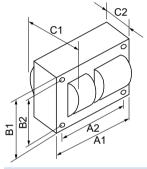
Operating and Electrical					
Input Voltage	120/220/240/277 V				
Input Frequency	60 Hz				
Inp. Current (Open Circuit)	2.8/1.52/1.4/1.25 A				
Input Current (Starting)	2/1.09/1/0.85 A				
Input Current (Short Circuit)	1.15-1.75/0.76-1.14/0.55-0.85/0.5-0.75 A				
Secondary Short Circuit Current	3.95-4.85 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)	1.65/0.9/0.83/0.72 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				

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Remote Wiring Configuration	Yes
Allowed	
Max Ballast-Lamp Distance	2'
Remote Wiring	
Recommended Fuse Value	10/5/5/4 A
Approval and Application	
Open Circuit Voltage Test (Volts)	110-130 V
Approbation Marks	NOM certificate RoHS Compliant
Temperature Marking	D/E/C/C
UL Recognized	No
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 HPS BAL 150W S55
	120/220/240/277V C&C
EAN/UPC - Product	781087027011
Order code	71A9936500DML
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710562102
Net Weight (Piece)	3.661 kg

Dimensional drawing



HPS BAL 150W S55 120/220/240/277V C&C

1 C2	A1	A2	B1	B2
.8 in 2.5 in	3.9 in	3.5 in	2.8 in	2.4 in
				C2 A1 A2 B1 8 in 2.5 in 3.9 in 3.5 in 2.8 in



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www.lighting.philips.com 2019, March 22 - data subject to change