PHILIPS Lighting



Core & Coil (71A) HPS 200W - 400W

CORE & COIL HID HPS BAL 200W S66 QUAD 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	S66					
Lamp Type	200W HPS					
Number of Lamps	1 piece/unit					
Circuit Type	CWA					
Ballast Type	Magnetic HID					
Base Model	71A8990					
Core Size	4 x 4 (2 coil)					
Suitable For Outdoor Use	Yes					
Ignitor Catalog Number	LI501-H4					
Ignitor Temperature Rating	105°C					
Capacitor Value	28 MFD					
Capacitor Catalog Number	7C280P30RA					
Capacitor Requirements	280V					
Capacitor Temperature Rating	105°C					
Capacitor Diameter/Oval Dimensions	1.85 in					
Capacitor Height	3.7 in					
Automatic Restart	No					
Operating and Electrical						
Input Voltage	120/208/240/277 V					

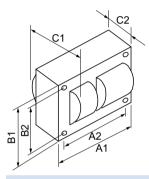
Input Frequency	60 Hz					
Input Current (Open Circuit)	1.3/0.75/0.65/0.6 A					
Input Current (Starting)	1.5/0.9/0.75/0.65 A					
Input Current (Short Circuit)	1-1.6/0.6-0.95/0.5-0.8/0.45-0.7 A					
Secondary Short Circuit Current	2.8-3.4 A					
Constant Wattage Deviation	Within Trapezoid					
Ballast Factor (Nom)	1					
Power Factor (Nom)	0.90					
Open Circuit Voltage	185 V					
Input Current (Nom)	2.22/1.28/1.11/0.96 A A					
Input Power (Nom)	240 W					
Rated Lamp Power	200 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	2'					
Wiring						

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Recommended Fuse Value	6/4/3/3 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	165-205 V				
Approval Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	E/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	1029E				

Product Data						
Order product name	CORE & COIL HID HPS BAL 200W S66 QUAD					
	C&C					
EAN/UPC - Product	781087899052					
Order code	505677					
Local order code	505677					
Numerator - Quantity Per Pack	1					
Numerator - Packs per outer box	4					
Material Nr. (12NC)	913700578709					
Net Weight (Piece)	3.843 kg					

Dimensional drawing



HPS BAL 200W S66 QUAD C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 200W S66	3 in	1.2 in	4.8 in	4.4 in	4.3 in	3.9 in
QUAD C&C						



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