



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

CORE & COIL HID HPS BAL 200W S66 480V KIT

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	71A8940			
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	3.70 in			
Automatic Restart	No			
Operating and Electrical				
Input Voltage	480 V			

Input Frequency	60 Hz		
Inp. Current (Open Circuit)	0.35 A		
Input Current (Starting)	0.38 A		
Input Current (Short Circuit)	0.25-0.4 A		
Secondary Short Circuit Current	2.8-3.4 A		
Constant Wattage Deviation	Within Trapezoid		
Ballast Factor (Nom)	1		
Power Factor (Nom)	0.90		
Nominal Open Circuit Voltage	185 V		
Input Current (Operating) (Nom)	0.56 A A		
Input Power (Nom)	240 W		
Rated Lamp Watts	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 Wiring 2'			
Recommended Fuse Value	2 A		

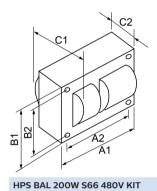
Datasheet, 2019, March 8 data subject to change

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Approval and Application					
Open Circuit Voltage Test (Volts)	165-205 V				
Approbation Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	С				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				
UL Temperature Code	1029C				
Product Data					
Order product name	CORE & COIL HID HPS BAL 200W S66				
	480V KIT				

EAN/UPC - Product	781087894019		
Order code	71A8940001D		
Numerator - Quantity Per Pack	1		
Numerator - Packs per outer box	1		
Material Nr. (12NC)	913700540209		
Net Weight (Piece)	4.278 kg		

Dimensional drawing



Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A8940001D	3 in	1.170 in	4.8 in	4.4 in	4.3 in	3.9 in



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