PHILIPS Lighting



Core & Coil (71A) HPS ~GT~ 400W

CORE & COIL HID HPS BAL 600W S106 277/347/480V 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	S106				
Lamp Type	600W HPS				
Number of Lamps	1 piece/unit				
Circuit Type	CWA				
Ballast Type	Magnetic HID				
Base Model	71A85F5				
Core Size	4 1/4 x 6				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	LI561-H5				
Ignitor Temperature Rating	105°C				
Capacitor Value	64 MFD				
Capacitor Catalog Number	7C640S28RA				
Capacitor Requirements	280V				
Capacitor Temperature Rating	105°C				
Capacitor Diameter/Oval Dimensions	3.12 in				
Capacitor Height	4.9 in				
Automatic Restart	No				

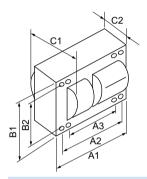
Operating and Electrical	
Input Voltage	277/347/480 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	1.4/1.1/0.75 A
Input Current (Starting)	2.15/1.7/1.2 A
Input Current (Short Circuit)	1.3-2/1.1-1.6/0.8-1.2 A
Secondary Short Circuit Current	7.4-9 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	228 V
Input Current (Operating) (Nom)	2.5/2/1.43 A A
Input Power (Nom)	665 W
Rated Lamp Watts	600 W
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote Wiring 5'					
Recommended Fuse Value	7/5/4 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	205-250 V				
Approbation Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	A/A/A				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				
UL Temperature Code	1029A				

Product Data	
Order product name	CORE & COIL HID HPS BAL 600W S106
	277/347/480V C&C
EAN/UPC - Product	781087037355
Order code	71A85F5500D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913700578309
Net Weight (Piece)	10.665 kg

Dimensional drawing



HPS BAL 600W S106 277/347/480V C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID HPS BAL 600W	4.9 in	3.12 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
S106 277/347/480V C&C							



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