PHILIPS Lighting



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

CORE & COIL HID HPS BAL 750W S111 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	S111
Lamp Type	750W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A86F5
Core Size	4 1/4 x 6
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI561-H5
Ignitor Temperature Rating	105°C
Capacitor Value	75 MFD
Capacitor Catalog Number	7C750S28RA
Capacitor Requirements	280V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	2.05 in
Capacitor Height	5 in
Automatic Restart	No

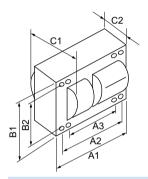
Operating and Electrical	
Operating and Electrical	
Input Voltage	277/347/480 V
Input Frequency	60 Hz
Input Current (Open Circuit)	1.5/1.2/0.9 A
Input Current (Starting)	3/2.3/1.65 A
Input Current (Short Circuit)	2-3/1.6-2.4/1.1-1.7 A
Secondary Short Circuit Current	9.5-11.7 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	225 V
Input Current (Nom)	3.1/2.5/1.78 A A
Input Power (Nom)	840 W
Rated Lamp Power	750 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	10/10/5 A				
Approval and Application					
Open Circuit Voltage Test (Volts)	200-245 V				
Approval Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	E/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 750W S111				
	277/347/480V C&C				
EAN/UPC - Product	781087866559				
Order code	193532				
Local order code	193532				
Numerator - Quantity Per Pack	1				
Numerator - Packs per outer box	2				
Material Nr. (12NC)	913700540009				
Net Weight (Piece)	10.719 kg				

Dimensional drawing



HPS BAL 750W S111 277/347/480V C&C

Product	C1	C2	A1	A2	A3	B1	B2
CORE & COIL HID HPS BAL 750W	5.13 in	3.12 in	6 in	5.4 in	4.4 in	4.3 in	3.9 in
S111 277/347/480V C&C							



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