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

CORE & COIL HID HPS BAL 70W S62 127/220V 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

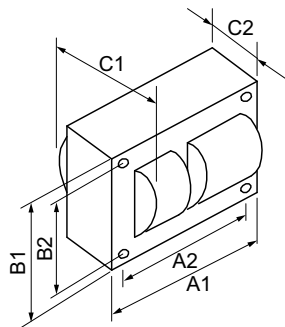|	
ANSI Code	S62
Lamp Type	70W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A79H8A
Core Size	3 X 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI551-J4
Ignitor Temperature Rating	105°C
Capacitor Value	32.5 MFD
Capacitor Catalog Number	7C325P30RA
Capacitor Requirements	150V
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	127/220 V
Input Frequency	60 Hz
Input Current (Open Circuit)	0.2/0.12 A
Input Current (Starting)	0.81/0.48 A
Input Current (Short Circuit)	0.68-1.13/0.4-0.66 A
Secondary Short Circuit Current	2-2.6 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	108 V
Input Current (Nom)	0.8/0.47 A A
Input Power (Nom)	100 W
Rated Lamp Power	70 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	2'	
Recommended Fuse Value	2/2 A	

Approval and Application

Open Circuit Voltage Test (Volts)	95–115 V
Approval Marks	ULR NOM certificate RoHS Compliant
Temperature Marking	B/C
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180℃)
UL Temperature Code	1029C

Product Data

Order product name	CORE & COIL HID HPS BAL 70W S62 127/220V C&C
EAN/UPC – Product	781087071250
Order code	913710655909
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	2
Material Nr. (12NC)	913710655909
Net Weight (Piece)	2.255 kg

Dimensional drawing

HPS BAL 70W S62 127/220V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 70W S62 127/220V C&C	3.36 in	1.75 in	3.9 in	3.5 in	2.8 in	2.4 in

www.lighting.philips.com

2019, March 22 – data subject to change