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

CORE & COIL HID HPS BAL 70W S62
120/220/240V 50HZ 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

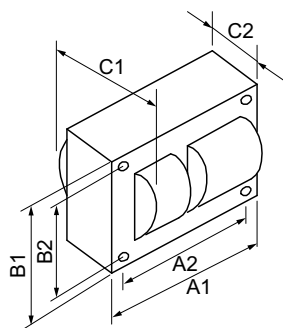|	
ANSI Code	S62
Lamp Type	70W HPS
Number of Lamps	1 piece/unit
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	71A79N1
Core Size	3 X 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI551-H4
Ignitor Temperature Rating	105℃
Capacitor Value	8.4 MFD
Capacitor Catalog Number	7C084L33-R
Capacitor Requirements	280V
Capacitor Temperature Rating	105℃
Capacitor Diameter/Oval Dimensions	1.25 in
Capacitor Height	3 in
Automatic Restart	No

Operating and Electrical

Input Voltage	120/220/240 V
Input Frequency	50 Hz
Inp. Current (Open Circuit)	1.4/0.75/0.7 A
Input Current (Starting)	0.8/0.45/0.4 A
Input Current (Short Circuit)	0.14-0.22/0.08-0.12/0.07-0.11 A
Secondary Short Circuit Current	1.5-1.8 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	125 V
Input Current (Operating) (Nom)	0.84/0.46/0.42 A A
Input Power (Nom)	94 W
Rated Lamp Watts	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	4/2/2 A

Approval and Application

Open Circuit Voltage Test (Volts)	115-140 V
Approbation Marks	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 70W S62 120/220/240V 50HZ C&C
EAN/UPC – Product	781087054406
Order code	71A79N1500D
Numerator – Quantity Per Pack	1
Numerator – Packs per outer box	6
Material Nr. (12NC)	913700504721
Net Weight (Piece)	2.663 kg

Dimensional drawing

HPS BAL 70W S62 120/220/240V 50HZ C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 70W S62 120/220/240V 50HZ C&C	3.1 in	1.85 in	3.9 in	3.5 in	2.8 in	2.4 in

www.lighting.philips.com

2019, March 22 – data subject to change