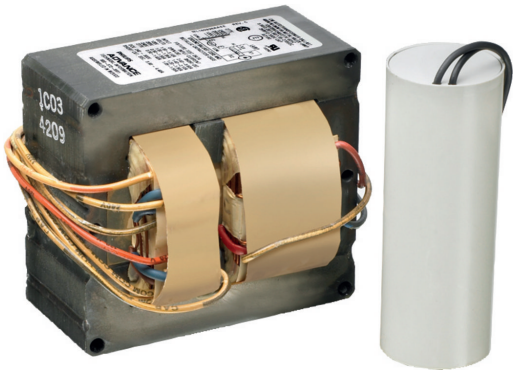
PHILIPS

Lighting



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

CORE & COIL HID HPS BAL 100W S54 QUAD 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	S54
Lamp Type	100W HPS
Number of Lamps	1 piece/unit
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	71A8091
Core Size	3 X 4 (2 LW)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI551-H4
Ignitor Temperature Rating	105°C
Capacitor Value	10 MFD
Capacitor Requirements	280V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.65 in
Capacitor Height	2.75 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	120/208/240/277 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	2.2/1.25/1.1/0.85 A
Input Current (Starting)	0.75/0.45/0.37/0.3 A
Input Current (Short Circuit)	0.6-0.9/0.35-0.55/0.3-0.45/0.29-0.43 A
Secondary Short Circuit Current	2.6-3.3 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1.0
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	125 V
Input Current (Operating) (Nom)	1.15/0.67/0.58/0.5 A A
Input Power (Nom)	135 W
Rated Lamp Watts	100 W

Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes
Tandem Wiring Configuration Allowed	No
Through Wiring Configuration Allowed	No
Max Ballast-Lamp Distance Remote Wiring	2'

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

Recommended Fuse Value	7/5/3/3 A

Mechanical and Housing

Housing	NA
Housing Dimensions	NA

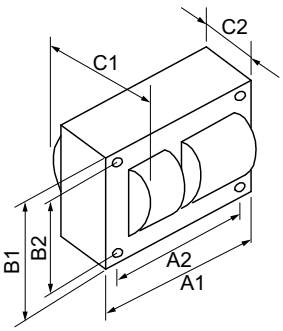
Approval and Application

Open Circuit Voltage Test (Volts)	110-130 V
EMC Immunity Standard	NA
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	E/F/E/D
Sound Rating	NA
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029F

Product Data

Order product name	CORE & COIL HID HPS BAL 100W S54 QUAD C&C
EAN/UPC - Product	781087028292
Order code	71A8091620
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	6
Material Nr. (12NC)	913700504911
Net Weight (Piece)	3.207 kg

Dimensional drawing



HPS BAL 100W S54 QUAD C&C

Product	C1	C2
CORE & COIL HID 71A8091620	3.45 in	2.00 in

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