



# 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		Electrical	
ANSI Code	S54	Input Frequency	60 Hz
Lamp Type	100W HPS	Input Current (Open Circuit)	2.2/1.25/1.1/0.85 A
Number of Lamps	1 piece/unit	Input Current (Starting)	0.75/0.45/0.37/0.3 A
Circuit Type	HX-HPF	Input Current (Short Circuit)	0.6-0.9/0.35-0.55/0.3-0.45/0.29-0.43 A
Ballast Type	Magnetic HID	Secondary Short Circuit Current	2.6-3.3 A
Base Model	71A8091	Constant Wattage Deviation	Within Trapezoid
Core Size	3 X 4 (2 LW)	Ballast Factor (Nom)	1
Suitable For Outdoor Use	Yes	Power Factor (Nom)	0.90
Ignitor Catalog Number	L1551-H4	Open Circuit Voltage	125 V
Ignitor Temperature Rating	105°C	Input Current (Nom)	1.15/0.67/0.58/0.5 A A
Capacitor Value	10 MFD	Input Power (Nom)	135 W
Capacitor Catalog Number	7C100M30RA	Rated Lamp Power	100 W
Capacitor Requirements	280V	<b>Wiring</b>	
Capacitor Temperature Rating	105°C	Wire Striplength	0.5 mm
Capacitor Diameter/Oval Dimensions	1.65 in	Wire Length by Color	12"
Capacitor Height	2.75 in	Wire Type	Stranded
Automatic Restart	No	Remote Wiring Configuration Allowed	Yes
<b>Operating and Electrical</b>		Max Ballast-Lamp Distance Remote	2'
Input Voltage	120/208/240/277 V	Wiring	

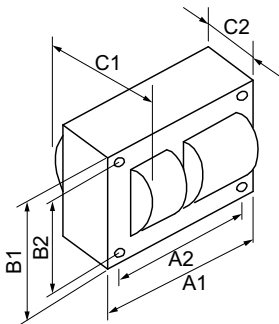
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Recommended Fuse Value	7/5/3/3 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	110-130 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	E/F/E/D
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029F

### Product Data

Order product name	CORE & COIL HID HPS BAL 100W S54 QUAD C&C
EAN/UPC - Product	781087809150
Order code	913700576509
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913700576509
Net Weight (Piece)	2.826 kg

### Dimensional drawing



HPS BAL 100W S54 QUAD C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 100W S54 QUAD C&C	3.45 in	2 in	3.9 in	3.5 in	2.8 in	2.4 in

