



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

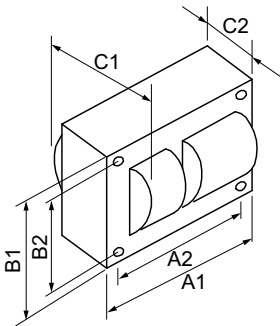
General Information		Inp. Current (Open Circuit)	2.2/1.25/1.1/0.85 A
ANSI Code	S54	Input Current (Starting)	0.75/0.45/0.37/0.3 A
Lamp Type	100W HPS	Input Current (Short Circuit)	0.6-0.9/0.35-0.55/0.3-0.45/0.29-0.43 A
Number of Lamps	1 piece/unit	Secondary Short Circuit Current	2.6-3.3 A
Circuit Type	HX-HPF	Constant Wattage Deviation	Within Trapezoid
Ballast Type	Magnetic HID	Ballast Factor (Nom)	1.0
Base Model	71A8091	Power Factor (Nom)	0.90
Core Size	3 X 4 (2 LW)	Nominal Open Circuit Voltage	125 V
Suitable For Outdoor Use	Yes	Input Current (Operating) (Nom)	1.15/0.67/0.58/0.5 A A
Ignitor Catalog Number	LI551-H4	Input Power (Nom)	135 W
Ignitor Temperature Rating	105°C	Rated Lamp Watts	100 W
Capacitor Value	10 MFD	Wiring	
Capacitor Requirements	280V	Wire Striplength	0.5 mm
Capacitor Temperature Rating	105°C	Wire Length by Color	12"
Capacitor Diameter/Oval Dimensions	1.65 in	Wire Type	Stranded
Capacitor Height	2.75 in	Remote Wiring Configuration Allowed	Yes
Automatic Restart	No	Tandem Wiring Configuration Allowed	No
Operating and Electrical		Through Wiring Configuration	No
Input Voltage	120/208/240/277 V	Allowed	
Input Frequency	60 Hz	Max Ballast-Lamp Distance Remote	2'
		Wiring	

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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	781087028315
Order code	71A8091630
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913700504921
Net Weight (Piece)	2.908 kg

Dimensional drawing



HPS BAL 100W S54 QUAD C&C

Product	C1	C2
CORE & COIL HID 71A8091630	3.45 in	2.00 in

