



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

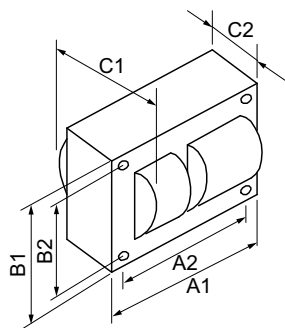
General Information			
ANSI Code	S54	Input Current (Open Circuit)	2.2/1.25/1.1/0.85 A
Lamp Type	100W HPS	Input Current (Starting)	0.75/0.45/0.37/0.3 A
Number of Lamps	1 piece/unit	Input Current (Short Circuit)	0.6-0.9/0.35-0.55/0.3-0.45/0.29-0.43 A
Circuit Type	HX-HPF	Secondary Short Circuit Current	2.6-3.3 A
Ballast Type	Magnetic HID	Constant Wattage Deviation	Within Trapezoid
Base Model	71A8091	Ballast Factor (Nom)	1.0
Core Size	3 X 4 (2 LW)	Power Factor (Nom)	0.90
Suitable For Outdoor Use	Yes	Open Circuit Voltage	125 V
Ignitor Catalog Number	LI551-H4	Input Current (Nom)	1.15/0.67/0.58/0.5 A A
Ignitor Temperature Rating	105°C	Input Power (Nom)	135 W
Capacitor Value	10 MFD	Rated Lamp Power	100 W
Capacitor Requirements	280V	Wiring	
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
Operating and Electrical		Tandem Wiring Configuration Allowed	No
Input Voltage	120/208/240/277 V	Through Wiring Configuration	No
Input Frequency	60 Hz	Allowed	
		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
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	E/F/E/D
Hum And Noise Level	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	913700504921
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

