



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

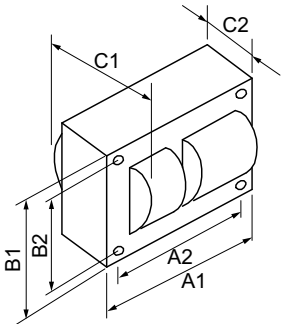
General Information			
ANSI Code	S54	Input Frequency	60 Hz
Lamp Type	100W HPS	Inp. Current (Open Circuit)	2.2/1.25/1.1/0.85 A
Number of Lamps	1 piece/unit	Input Current (Starting)	0.75/0.45/0.37/0.3 A
Circuit Type	HX-HPF	Input Current (Short Circuit)	0.6-0.9/0.35-0.55/0.3-0.45/0.29-0.43 A
Ballast Type	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	LI551-H4	Nominal Open Circuit Voltage	125 V
Ignitor Temperature Rating	105°C	Input Current (Operating) (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 Watts	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		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
Approval and Application	
Open Circuit Voltage Test (Volts)	110-130 V
Approbation 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	781087028209
Order code	71A8091510D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913700504891
Net Weight (Piece)	3.071 kg

Dimensional drawing



HPS BAL 100W S54 QUAD KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A8091510D	3.45 in	2 in	3.9 in	3.5 in	2.8 in	2.4 in

