



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

CORE & COIL HID HPS BAL 100W S54 QUAD KIT

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	71A8071				
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 Catalog Number	7C100M30RA				
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				
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Input Frequency	60 Hz				
Input 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				
Power Factor (Nom)	0.90				
Open Circuit Voltage	125 V				
Input Current (Nom)	1.15/0.67/0.58/0.5 A A				
Input Power (Nom)	135 W				
Rated Lamp Power	100 W				
Wiring					
Wire Striplength	0.5 mm				
Wire Length by Color	12"				
Wire Type	Stranded				
Remote Wiring Configuration Allowed	Yes				
Max Ballast-Lamp Distance Remote	2'				
Wiring					

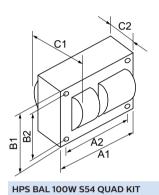
Datasheet, 2019, March 22 data subject to change

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Recommended Fuse Value	7/5/3/3 A
Approval and Application	
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 KIT
EAN/UPC - Product	781087807118
Order code	913700556409
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700556409
Net Weight (Piece)	3.207 kg

Dimensional drawing



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



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