PHILIPS Lighting



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

CORE & COIL HID 71A8172001D

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	S55	
Lamp Type	150W HPS	
Number of Lamps	1 piece/unit	
Circuit Type	HX-HPF	
Ballast Type	Magnetic HID	
Base Model	71A8172	
Core Size	3 X 4 (2 LW)	
Suitable For Outdoor Use	Yes	
Ignitor Catalog Number	LI551-H4	
Ignitor Temperature Rating	105°C	
Capacitor Value	14 MFD	
Capacitor Catalog Number	7C140M30RA	
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	

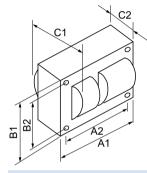
Input Frequency	60 Hz
Input Current (Open Circuit)	2.8/1.6/1.4/1.25 A
Input Current (Starting)	2/1.15/1/0.85 A
Input Current (Short Circuit)	1.15-1.75/0.65-1/0.55-0.85/0.5-0.75 A
Secondary Short Circuit Current	3.95-4.85 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	120 V
Input Current (Nom)	1.65/0.95/0.83/0.72 A A
Input Power (Nom)	190 W
Rated Lamp Power	150 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 Wiring	2'
Recommended Fuse Value	10/5/5/4 A

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Approval and Application	
Open Circuit Voltage Test (Volts)	110-130 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	E/E/E
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029E

Product Data	
Order product name	CORE & COIL HID 71A8172001D
EAN/UPC - Product	781087817216
Order code	913700556509
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700556509
Net Weight (Piece)	3.688 kg

Dimensional drawing



HPS BAL 150W S55 QUAD KIT





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www.lighting.philips.com 2017, November 6 - data subject to change