PHILIPS Lighting



Core & Coil (71A) HPS 200W - 400W

CORE & COIL HID HPS BAL 250W S50 480V 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	S50				
Lamp Type	250W HPS				
Number of Lamps	1 piece/unit				
Circuit Type	CWA				
Ballast Type	Magnetic HID				
Base Model	71A8241A				
Core Size	4 x 4 (2 coil)				
Suitable For Outdoor Use	Yes				
Ignitor Catalog Number	LI501-H4				
Ignitor Temperature Rating	105°C				
Capacitor Value	35 MFD				
Capacitor Catalog Number	7C350P24RA				
Capacitor Requirements	240V				
Capacitor Temperature Rating	105°C				
Capacitor Diameter/Oval Dimensions	1.65 in				
Capacitor Height	3.7 in				
Automatic Restart	No				
Operating and Electrical					
Input Voltage	480 V				

Input Frequency	60 Hz				
Input Current (Open Circuit)	0.42 A				
Input Current (Starting)	0.38 A				
Input Current (Short Circuit)	0.26-0.39 A				
Secondary Short Circuit Current	3.65-4.45 A				
Constant Wattage Deviation	Within Trapezoid				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Open Circuit Voltage	189 V				
Input Current (Nom)	0.63 A A				
Input Power (Nom)	299 W				
Rated Lamp Power	250 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	2 A				

Core & Coil (71A) HPS 200W - 400W

Approval and Application					
Open Circuit Voltage Test (Volts)	170-205 V				
Approval Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	В				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				
UL Temperature Code	1029B				

C&C

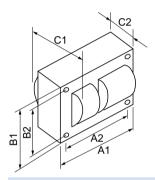
CORE & COIL HID HPS BAL 250W S50 480V

EAN/UPC - Product	781087055632
Order code	913710610502
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913710610502
Net Weight (Piece)	4.976 kg

Product Data

Order product name

Dimensional drawing



HPS BAL 250W S50 480V C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A8241500DA	3.72 in	1.82 in	4.8 in	4.4 in	4.3 in	3.9 in



© 2019 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. All trademarks are owned by Signify Holding or their respective owners.

www.lighting.philips.com 2019, February 12 - data subject to change