



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

CORE & COIL HID HPS BAL 250W S50 480V/120T 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		Operating and Electrical	
ANSI Code	S50	Input Voltage	480 V
Lamp Type	250W HPS	Input Frequency	60 Hz
Number of Lamps	1 piece/unit	Power (Rated) (Nom)	250 W
Circuit Type	CWA	Inp. Current (Open Circuit)	0.45 A
Ballast Type	Magnetic HID	Input Current (Starting)	0.4 A
Base Model	71A8241	Input Current (Short Circuit)	0.25-0.45 A
Core Size	4 x 4 (2 coil)	Secondary Short Circuit Current	3.7-4.5 A
Suitable For Outdoor Use	Yes	Constant Wattage Deviation	Within Trapezoid
Ignitor Catalog Number	LI501-H4	Ballast Factor (Nom)	1
Ignitor Temperature Rating	105°C	Power Factor (Nom)	0.90
Capacitor Value	35 MFD	Nominal Open Circuit Voltage	187 V
Capacitor Catalog Number	7C350P24RA	Input Current (Operating) (Nom)	0.63 A A
Capacitor Requirements	240V	Input Power (Nom)	310 W
Capacitor Temperature Rating	105°C	Rated Lamp Watts	250W W
Capacitor Diameter/Oval Dimensions	1.65 in		
Capacitor Height	3.7 in		
Automatic Restart	No		
		Wiring	
		Wire Striplength	0.5 mm
		Wire Length By Color	12"

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Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance Remote Wiring	2'
Recommended Fuse Value	2 A

Approval and Application

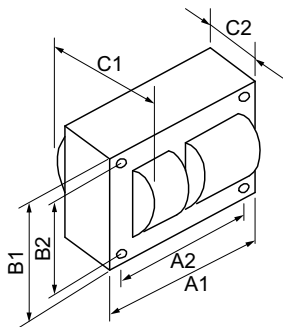
Open Circuit Voltage Test (Volts)	170-205 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	B
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)

UL Temperature Code	1029B
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Product Data

Order product name	CORE & COIL HID 71A8241001D
EAN/UPC - Product	781087824115
Order code	71A8241001D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700566309
Net Weight (Piece)	5.221 kg

Dimensional drawing



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Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A8241001D	3.45 in	1.8 in	4.8 in	4.4 in	4.3 in	3.9 in

