**PHILIPS** Lighting



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

## CORE & COIL HID HPS BAL 250W S50 480V/120T 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	
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ANSI Code	\$50
Lamp Type	250W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A8241T
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

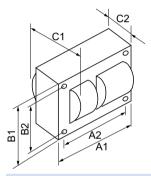
Operating and Electrical	
Input Voltage	480/120T V
Input Frequency	60 Hz
Input Current (Open Circuit)	0.45 A
Input Current (Starting)	0.4 A
Input Current (Short Circuit)	0.25-0.45 A
Secondary Short Circuit Current	3.7-4.5 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	187 V
Input Current (Nom)	0.63 A A
Input Power (Nom)	310 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

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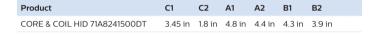
Max Ballast-Lamp Distance Remote Wiring 2'		
Recommended Fuse Value	2 A	
Approval and Application		
Open Circuit Voltage Test (Volts)	170-205 V	
Approval Marks	ULR CSA certificate RoHS Compliant	
Temperature Marking	В	
UL Recognized	Yes	
Hipot Test (1 Minute)	2000 V	
Hipot Test (2 Seconds)	2500 V	
UL Insulation Class	H(180°C)	
UL Temperature Code	1029B	

Product Data	
Order product name	CORE & COIL HID HPS BAL 250W S50
	480V/120T C&C
EAN/UPC - Product	781087051719
Order code	913700505431
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	4
Material Nr. (12NC)	913700505431
Net Weight (Piece)	5.203 kg

#### **Dimensional drawing**



HPS BAL 250W S50 480V/120T C&C





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