



## 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	
ANSI Code	S50
Lamp Type	250W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A8241
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
Inp. 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
Nominal Open Circuit Voltage	187 V
Input Current (Operating) (Nom)	0.63 A A
Input Power (Nom)	310 W
Rated Lamp Watts	250 W
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

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

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

### Product Data

Order product name CORE & COIL HID HPS BAL 250W S50  
480V/120T KIT

EAN/UPC - Product 781087824115

Order code 71A8241001D

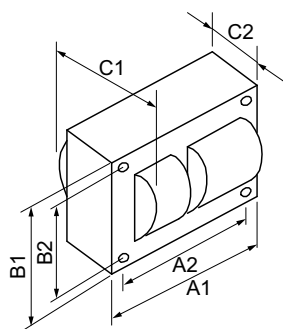
Numerator - Quantity Per Pack 1

Numerator - Packs per outer box 1

Material Nr. (12NC) 913700566309

Net Weight (Piece) 5.221 kg

### Dimensional drawing



HPS BAL 250W S50 480V KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 250W S50 480V/120T KIT	3.45 in	1.8 in	4.8 in	4.4 in	4.3 in	3.9 in

