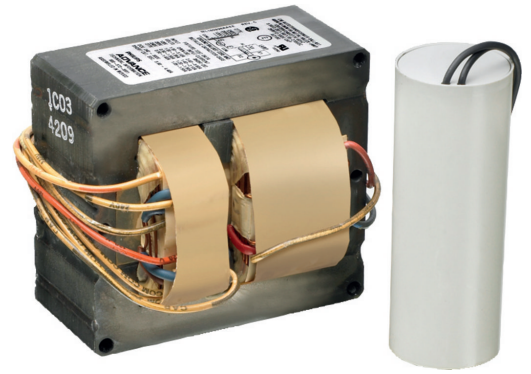


**PHILIPS**

# Lighting



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

## CORE & COIL HID HPS BAL 150W S56 480V C&C 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	S56
Lamp Type	150W HPS
Number of Lamps	1 piece/unit
Circuit Type	CWA
Ballast Type	Magnetic HID
Base Model	71A8146
Core Size	3 X 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI501-H4
Ignitor Temperature Rating	105°C
Capacitor Value	20 MFD
Capacitor Catalog Number	7C200P30RA
Capacitor Requirements	280V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.58 in
Capacitor Height	3.62 in
Automatic Restart	No

Operating and Electrical	
Input Voltage	480 V
Input Frequency	60 Hz
Inp. Current (Open Circuit)	0.2 A
Input Current (Starting)	0.3 A
Input Current (Short Circuit)	0.2-0.3 A
Secondary Short Circuit Current	2.2-2.7 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	180 V
Input Current (Operating) (Nom)	0.44 A A
Input Power (Nom)	188 W
Rated Lamp Watts	150 W
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration Allowed	Yes

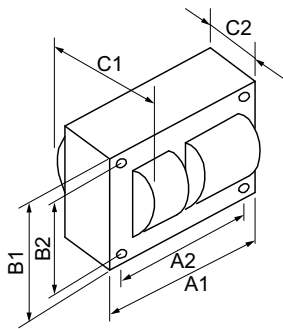
## Core & Coil (71A) HPS ~LT~ 200W

Max Ballast-Lamp Distance Remote Wiring 2'	
Recommended Fuse Value	2 A
<b>Approval and Application</b>	
Open Circuit Voltage Test (Volts)	165-200 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 150W S56 480V C&C KIT
EAN/UPC - Product	781087814611
Order code	71A8146001D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700538609
Net Weight (Piece)	3.815 kg

### Dimensional drawing



HPS BAL 150W S56 480V C&C KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 150W S56 480V C&C KIT	3.8 in	2.5 in	3.9 in	3.5 in	2.8 in	2.4 in

