



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

## CORE & COIL HID HPS BAL 150W S55 480V 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	S55
Lamp Type	150W HPS
Number of Lamps	1 piece/unit
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	71A8142
Core Size	3 X 4 (2 coil)
Suitable For Outdoor Use	Yes
Ignitor Catalog Number	LI551-H4
Ignitor Temperature Rating	105°C
Capacitor Value	14 MFD
Capacitor Catalog Number	7C140M30RA
Capacitor Requirements	280V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval Dimensions	1.65 in
Capacitor Height	2.75 in
Automatic Restart	No
Operating and Electrical	
Input Voltage	480 V

Input Frequency	60 Hz				
Inp. Current (Open Circuit)	0.7 A				
Input Current (Starting)	0.5 A				
Input Current (Short Circuit)	0.3-0.45 A				
Secondary Short Circuit Current	3.95-4.85 A				
Constant Wattage Deviation	Within Trapezoid				
Ballast Factor (Nom)	1				
Power Factor (Nom)	0.90				
Nominal Open Circuit Voltage	120 V				
Input Current (Operating) (Nom)	0.42 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				
Max Ballast-Lamp Distance Remote Wiring 2'					
Recommended Fuse Value	2 A				

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Approval and Application					
Open Circuit Voltage Test (Volts)	110-130 V				
Approbation Marks	ULR CSA certificate RoHS Compliant				
Temperature Marking	E				
UL Recognized	Yes				
Hipot Test (1 Minute)	2000 V				
Hipot Test (2 Seconds)	2500 V				
UL Insulation Class	H(180°C)				
UL Temperature Code	1029E				
Product Data					

KIT

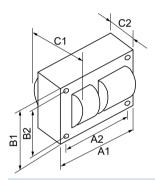
CORE & COIL HID HPS BAL 150W S55 480V

EAN/UPC - Product	781087814215
Order code	71A8142001D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700538509
Net Weight (Piece)	4.500 kg

#### **Product Data**

Order product name

# Dimensional drawing



HPS BAL 150W S55 480V KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID HPS BAL 150W S55 480V	4.3 in	3 in	3.9 in	3.5 in	2.8 in	2.4 in
KIT						



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