PHILIPS Lighting



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

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	71A8196
Core size	3 X 4 (2 coil)
Suitable for outdoor use	Yes
Ignitor catalogue number	LI501-H4
Ignitor temperature rating	105°C
Capacitor value	20 MFD
Capacitor catalogue 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
 120/208/240/277 V

 Input frequency
 60 Hz

 Input current (open circuit)
 0.8/0.5/0.4/0.35 A

 Input current (starting)
 1.2/0.7/0.6/0.5 A

Input current (short circuit)	0.8-1.2/0.45-0.7/0.4-0.6/0.35-0.55 A	
Secondary short-circuit current	2.2-2.7 A	
Constant wattage deviation	Within Trapezoid	
Ballast factor (nom.)	1	
Power factor (nom.)	0.90	
Open circuit voltage	180 V	
Input current (nom.)	1.75/1/0.88/0.75 A A	
Input power (nom.)	188 W	
Rated lamp power	150 W	
Wiring		
Wire strip length	0.5 mm	
Wire length by colour	12"	
Wire type	Stranded	
Remote wiring configuration allowed	Yes	
Max. ballast-lamp distance remote wiring	2'	
Recommended fuse value	5/3/3/3 A	
Approval and Application		
Open circuit voltage test (volts)	165-200 V	
Approval marks	ULR CSA certificate RoHS Compliant	
Temperature marking	E/D/C/C	
UL recognised	Yes	
Hipot test (1 minute)	2000 V	

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

Hipot test (2 seconds)	2500 V
UL insulation class	H(180°C)
UL temperature code	1029E
Product Data	
Order product name	CORE & COIL HID 71A8196510D

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Numerator – guantity per pack 1	
Numerator – packs per outer box 4	
Material no. (12NC) 91371047060	12
Net weight (piece)3.552 kg	

C1

C2

A1

A2

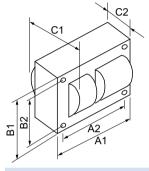
4.1 in 2.5 in 3.9 in 3.5 in 2.8 in 2.4 in

B1

B2

Dimensional drawing

EAN/UPC - product



HPS BAL 150W S56 QUAD C&C



Product

CORE & COIL HID 71A8196510D

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www.lighting.philips.com 2019, February 12 - data subject to change