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

CORE & COIL HID HPS BAL 100W S54 QUAD 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	S54	
Lamp Type	100W HPS	
Number of Lamps	1 piece/unit	
Circuit Type	HX-HPF	
Ballast Type	Magnetic HID	
Base Model	71A8071	
Core Size	3 X 4 (2 LW)	
Suitable For Outdoor Use	Yes	
Ignitor Catalog Number	LI551-H4	
Ignitor Temperature Rating	105°C	
Capacitor Value	10 MFD	
Capacitor Catalog Number	7C100M30RA	
Capacitor Requirements	280V	
Capacitor Temperature Rating	105°C	
Capacitor Diameter/Oval Dimensions	1.65 in	
Capacitor Height	2.75 in	
Automatic Restart	No	

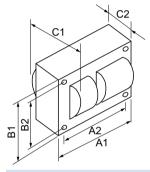
Operating and Electrical	
Input Voltage	120/208/240/277 V
Input Frequency	60 Hz
Power (Rated) (Nom)	100 W
Inp. Current (Open Circuit)	2.2/1.25/1.1/0.85 A
Input Current (Starting)	0.75/0.45/0.37/0.3 A
Input Current (Short Circuit)	0.6-0.9/0.35-0.55/0.3-0.45/0.29-0.43 A
Secondary Short Circuit Current	2.6-3.3 A
Constant Wattage Deviation	Within Trapezoid
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Nominal Open Circuit Voltage	125 V
Input Current (Operating) (Nom)	1.15/0.67/0.58/0.5 A A
Input Power (Nom)	135 W
Rated Lamp Watts	100W W
Wiring	
Wire Striplength	0.5 mm
Wire Length By Color	12"
Wire Type	Stranded

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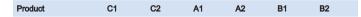
Remote Wiring Configuration Allowed	Yes
Max Ballast-Lamp Distance Remote Wiring	2'
Recommended Fuse Value	7/5/3/3 A
Approval and Application	
Open Circuit Voltage Test (Volts)	110-130 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	E/F/E/D
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029F

Product Data	
Order product name	CORE & COIL HID 71A8071001D
EAN/UPC - Product	781087807118
Order code	71A8071001D
Local order code	190371
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700556409
Net Weight (Piece)	3.207 kg

Dimensional drawing



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www.lighting.philips.com 2015, December 24 - data subject to change