

Core & Coil (71A) LPS

CORE & COIL HID LPS BAL 35/55W L70/71 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		Input Current (Short Circuit)	
ANSI Code	L71	Input Current (Short Circuit)	0.36-0.54/0.23-0.34/0.2-0.3/0.16-0.25 A
Lamp Type	55W LPS	Secondary Short Circuit Current	0.5-0.7 A
Number of Lamps	1 piece/unit	Constant Wattage Deviation	10%
Circuit Type	HX-HPF	Ballast Factor (Nom)	1
Ballast Type	Magnetic HID	Power Factor (Nom)	0.90
Base Model	71A0490	Nominal Open Circuit Voltage	480 V
Core Size	3 X 4 (2 coil)	Input Current (Operating) (Nom)	0.73/0.42/0.36/0.32 A A
Suitable For Outdoor Use	Yes	Input Power (Nom)	80 W
Capacitor Value	14 MFD	Rated Lamp Watts	55W W
Capacitor Catalog Number	7C140M30RA	Wiring	
Capacitor Requirements	240V	Wire Striplength	0.5 mm
Capacitor Temperature Rating	105°C	Wire Length By Color	12"
Capacitor Diameter/Oval Dimensions	1.65 in	Wire Type	Stranded
Capacitor Height	2.75 in	Remote Wiring Configuration Allowed	Yes
Automatic Restart	No	Max Ballast-Lamp Distance Remote Wiring	Determined by AWG used
Operating and Electrical		Recommended Fuse Value	6/4/3/3 A
Input Voltage	120/208/240/277 V	Approval and Application	
Input Frequency	60 Hz	Open Circuit Voltage Test (Volts)	430-530 V
Power (Rated) (Nom)	55 W	Approbation Marks	ULR CSA certificate RoHS Compliant
Inp. Current (Open Circuit)	2.35/1.39/1.18/0.98 A	Temperature Marking	A/A/A/A
Input Current (Starting)	0.8/0.46/0.39/0.36 A	UL Recognized	Yes

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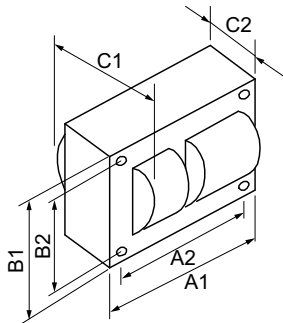
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029A

Product Data

Order product name	CORE & COIL HID 71A0490001D
EAN/UPC - Product	781087025567

Order code	71A0490001D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700502031
Net Weight (Piece)	3.362 kg

Dimensional drawing



LPS BAL 35/55W L70/71 QUAD KIT

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A0490001D	3.5 in	2.25 in	3.9 in	3.5 in	2.8 in	2.4 in

