PHILIPS Lighting



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	
General mormation	
ANSI Code	L71
Lamp Type	55W LPS
Number of Lamps	1 piece/unit
Circuit Type	HX-HPF
Ballast Type	Magnetic HID
Base Model	71A0490
Core Size	3 X 4 (2 coil)
Suitable For Outdoor Use	Yes
Capacitor Value	14 MFD
Capacitor Catalog Number	7C140M30RA
Capacitor Requirements	240V
Capacitor Temperature Rating	105°C
Capacitor Diameter/Oval	1.65 in
Dimensions	
Capacitor Height	2.75 in
Automatic Restart	No

Input Current (Short Circuit)	0.36-0.54/0.23-0.34/0.2-0.3/0.16-0.25 A
Secondary Short Circuit Current	0.5-0.7 A
Constant Wattage Deviation	10%
Ballast Factor (Nom)	1
Power Factor (Nom)	0.90
Open Circuit Voltage	480 V
Input Current (Nom)	0.73/0.42/0.36/0.32 A A
Input Power (Nom)	80 W
Rated Lamp Power	55 W
Wiring	
Wire Striplength	0.5 mm
Wire Length by Color	12"
Wire Type	Stranded
Remote Wiring Configuration	Yes
Allowed	
Max Ballast-Lamp Distance	Determined by AWG used
Remote Wiring	
Recommended Fuse Value	6/4/3/3 A
Approval and Application	
Open Circuit Voltage Test (Volts)	430-530 V
Approval Marks	ULR CSA certificate RoHS Compliant

Operating	and	Electrical
Operating	anu	Electrical

Input Voltage	120/208/240/277 V	
Input Frequency	60 Hz	
Input Current (Open Circuit)	2.35/1.39/1.18/0.98 A	
Input Current (Starting)	0.8/0.46/0.39/0.36 A	

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Temperature Marking	A/A/A/A
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029A
Broduct Data	

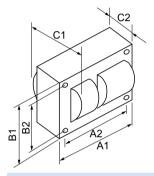
EAN/UPC - Product	781087025567
Order code	913700502031
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700502031
Net Weight (Piece)	3.362 kg

Product Data

Order product name

CORE & COIL HID LPS BAL 35/55W L70/71 QUAD KIT

Dimensional drawing



 Product
 C1
 C2
 A1
 A2
 B1
 B2

 CORE & COIL HID LPS BAL 35/55W
 3.5 in
 2.25 in
 3.9 in
 3.5 in
 2.4 in

 L70/71 QUAD KIT
 2.5 in
 2.7 in
 2.7 in
 2.8 in
 2.4 in

LPS BAL 35/55W L70/71 QUAD KIT



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