# **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	

#### Core & Coil (71A) LPS

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	

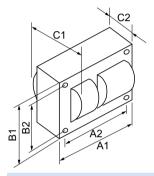
EAN/UPC - Product	781087025567
Order code	913700502031
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1
Material Nr. (12NC)	913700502031
Net Weight (Piece)	3.362 kg

#### 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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