



# Encapsulated Core & Coil (73B)

## ENCAPSULATED CORE & COIL HID HPS BAL 400W S51 QUAD ENCAP

Where quiet performance is required, the standard open core and coil ballast is encapsulated (potted) in a cube-shaped steel can utilizing Class H (180°C) polyester compound.

### Product data

General Information			
ANSI Code	S51	Input Frequency	60 Hz
Lamp Type	400W HPS	Inp. Current (Open Circuit)	2/1.2/0.95/0.85 A
Number of Lamps	1 piece/unit	Input Current (Starting)	3.3/1.8/1.5/1.4 A
Circuit Type	CWA	Input Current (Short Circuit)	2.4-3.6/1.4-2.1/1.2-1.8/1-1.55 A
Ballast Type	Magnetic HID	Secondary Short Circuit Current	6-7.4 A
Base Model	73B8493	Constant Wattage Deviation	Within Trapezoid
Suitable For Outdoor Use	Yes	Ballast Factor (Nom)	1
Ignitor Catalog Number	LI501-H4	Power Factor (Nom)	0.90
Ignitor Temperature Rating	105°C	Nominal Open Circuit Voltage	190 V
Capacitor Value	55 MFD	Input Current (Operating) (Nom)	3.8/2.2/1.9/1.7 A A
Capacitor Catalog Number	7C550P24RA	Input Power (Nom)	464 W
Capacitor Requirements	240V	Rated Lamp Watts	400 W
Capacitor Temperature Rating	105°C	Wiring	
Capacitor Diameter/Oval Dimensions	1.85000000 in	Wire Striplength	0.5 mm
Capacitor Height	3.70000000 in	Wire Length by Color	12"
Automatic Restart	No	Wire Type	Stranded
Operating and Electrical		Remote Wiring Configuration Allowed	Yes
Input Voltage	120/208/240/277 V	Max Ballast-Lamp Distance Remote	2'
		Wiring	

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Recommended Fuse Value	10/8/5/5 A
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### Mechanical and Housing

Housing Material	Metal
Housing	Encap
Housing Dimensions	5.4" x 5.0" x 4.3"

### Approval and Application

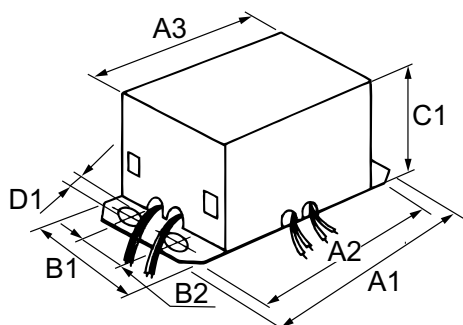
Open Circuit Voltage Test (Volts)	170-210 V
Approbation Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/D/D/D
Sound Rating	B
UL Recognized	Yes
Hipot Test (1 Minute)	2000 V
Hipot Test (2 Seconds)	25000 V

UL Insulation Class	H(180°C)
UL Temperature Code	1029D

### Product Data

Order product name	ENCAPSULATED CORE & COIL HID
	73B8493500D
EAN/UPC - Product	781087045695
Order code	73B8493500D
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	3
Material Nr. (12NC)	913710586902
Net Weight (Piece)	7.934 kg

### Dimensional drawing



HPS BAL 400W S51 QUAD ENCAP

Product	A1	A2	A3	B1	B2	C1	D1
ENCAPSULATED CORE & COIL HID	6.75 in	6 in	5.4 in	4.3 in	2 in	5 in	0.25 in
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