



Core & Coil (71A) MH ~GT~ 450W

CORE & COIL HID 71A6490500D

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		Operating and Electrical	
ANSI Code	M149	Input Voltage	120/208/240/277 V
Lamp Type	750W MH	Input Frequency	60 Hz
Number Of Lamps	1 piece/unit	Input Current (Open Circuit)	3.75/1.9/1.85/1.65 A
Circuit Type	SUPER-CWA	Input Current (Starting)	5.2/3.05/2.35/2.25 A
Ballast Type	Magnetic HID	Input Current (Short Circuit)	4.15-6.2/2.45-3.65/1.85-2.8/1.8-2.7 V
Base Model	71A6490	Secondary Short Circuit Current	4.9-6 A
Core Size	4 1/4 x 4 3/4 (2 coil)	Constant Wattage Deviation	10%
Suitable For Outdoor Use	Yes	Ballast Factor (Nom)	1
Ignitor Catalog Number	LI573-H5	Power Factor (Nom)	0.90
Ignitor Temperature Rating	105°C	Open Circuit Voltage	340 V
Capacitor Value	28 MFD	Input Current (Nom)	6.9/3.85/3.45/3 A A
Capacitor Catalog Number	7C280S40	Input Power (Nom)	820 W
Capacitor Requirements	400V	Rated Lamp Power	750 W
Capacitor Temperature Rating	105°C	Wiring	
Capacitor Diameter/Oval Dimensions	2 in	Wire Striplength	0.5 mm
Capacitor Height	4.8 in	Wire Length By Color	12"
Automatic Restart	No	Wire Type	Stranded
		Remote Wiring Configuration Allowed	Yes

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Max Ballast-Lamp Distance Remote Wiring	15'
Recommended Fuse Value	15/9/8/8 A

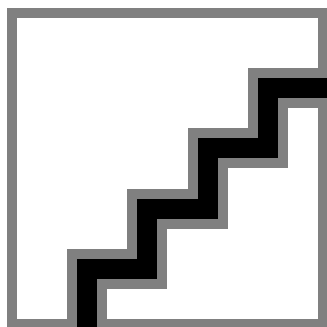
Approval and Application

Open Circuit Voltage Test (Volts)	306-375 V
Approval Marks	ULR CSA certificate RoHS Compliant
Temperature Marking	D/D/D/D
UL Recognized	Yes
Hipot Test (1 Minute)	1500 V
Hipot Test (2 Seconds)	2500 V
UL Insulation Class	H(180°C)
UL Temperature Code	1029D

Product Data

Order product name	CORE & COIL HID 71A6490500D
EAN/UPC - Product	781087037737
Order code	913710589302
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	2
Material Nr. (12NC)	913710589302
Net Weight (Piece)	8.215 kg

Dimensional drawing



MH BAL 750W M149 QUAD C&C

Product	C1	C2	A1	A2	B1	B2
CORE & COIL HID 71A6490500D	4.9 in	3 in	4.8 in	4.4 in	4.3 in	3.9 in

