

PART NUMBER:	DATE:
PROJECT #:	TYPE:
PREPARED BY:	

PART NUMBER:

FB100HPSTRI

100W HPS Magnetic HID Ballast

Fusion Magnetic HID ballasts are designed to operate Metal Halide (Probe Start & Pulse Start) and High Pressure Sodium lamps. Our core and coil, high performance ballasts are available in tri-tap input versions, and are designed to withstand rigorous operating conditions and a wide range of ambient temperature environments. They also feature UL Class H thermal insulation of 180 °C maximum coil hot spot temperature to maximize heat dissipation and withstand moisture damage. All Fusion magnetic HID ballasts comply with North American and International safety and performance standards including ANSI, UL, and CSA.

FEATURES & BENEFITS:

- Tri-tap 120/277/347V input voltage
- Industry standard core designs and mountings
- 2 year warranty
- RoHS Compliant
- Meets ANSI standards for specific lamp types
- Meets FCC Part 18 Class A for EMI/RFI (non-consumer limits)
- cURus and CSA listed

APPROVALS

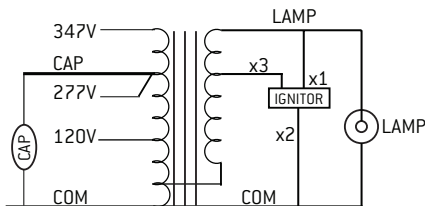
RoHS
COMPLIANT

cUL **US**

CSA

ANSI CODE **S54**

WIRING DIAGRAM:



APPLICATIONS:

- **Commercial:** Various commercial lighting applications including: Malls, Shopping Centers, Stores, Gas Stations, Car show rooms, etc.
- **Industrial:** Various industrial lighting applications including: Manufacturing facilities, security lighting, etc.

ORDERING INFORMATION:

PART NUMBER	DESCRIPTION	UNIT QTY	CASE QTY	CASE DIMENSIONS	CASE WEIGHT
FB100HPSTRI	Fusion 100W HPS Tri C&C Ballast	1	1	155 x 125 x 90 mm - 6.10 x 4.92 x 3.54 in	3.4 kg - 7.50 lbs

PERFORMANCE SPECIFICATIONS:

PART NUMBER	ANSI	LAMP TYPE	# OF LAMPS	LAMP WATTS	INPUT VOLTAGE	INPUT CURRENT	REMOTE MOUNTING DISTANCE
FB100HPSTRI	S54	HPS	1	100W	120/277/347V	60HZ	3ft Max.



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ELECTRICAL SPECIFICATIONS:

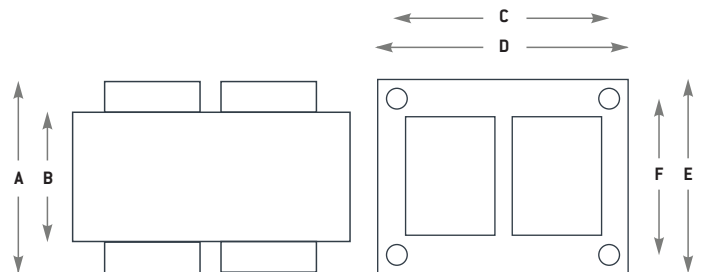
PART NUMBER	CIRCUIT TYPE	ANSI	LAMP WATTS	INPUT VOLTAGE	INPUT WATTS	STARTING CURRENT	OPERATING CURRENT	OPEN CIRCUIT CURRENT
FB100HPSTRI	HX-HPF	S54	100W	120/277/347V	130	130./0.60/0.45	1.15/0.50/0.39	2.20/0.85/0.70

OCV	UL INSULATION CLASS RATING	STARTING METHOD
155 VAC	Class H (180C)	HV Pulse Ignitor

PHYSICAL SPECIFICATIONS:

PART NUMBER	LEAD LENGTH	MIN. STARTING TEMP	CAPACITOR TYPE	REC. REPLACEMENT CAPACITOR #	REC. IGNITOR REPLACEMENT #
FB100HPSTRI	12 inches	- 40C	Oil Filled	CAP-M-10.0uF-330VAC	HD1541

A	B	C	D	E	F
91.44 mm - 3.60"	57.15 mm - 2.25"	88.9 mm - 3.50"	85.0 mm - 3.95"	71.1 mm - 2.80"	62.2 mm - 2.45"



ANSI CODE | **S54**

