



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

PART NUMBER:

FB250HPSTRI

250W 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:

- Tritap 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

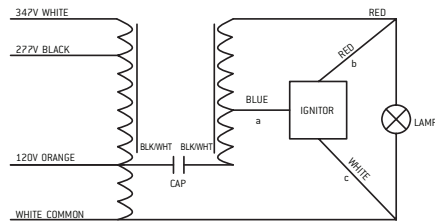
CSA

ANSI CODE | **S50**

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.

WIRING DIAGRAM:



ORDERING INFORMATION:

PART NUMBER	DESCRIPTION	UNIT QTY	CASE QTY	CASE DIMENSIONS	CASE WEIGHT
FB250HPSTRI	Fusion 250W HPS Tri C&C Ballast	1	1	200 x 120 x 140 mm - 7.87 x 4.72 x 5.51 in	5.2 kg - 11.46 lbs

PERFORMANCE SPECIFICATIONS:

PART NUMBER	ANSI	LAMP TYPE	# OF LAMPS	LAMP WATTS	INPUT VOLTAGE	INPUT CURRENT	REMOTE MOUNTING DISTANCE
FB250HPSTRI	S50	HPS	1	250W	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
FB250HPSTRI	CWA	S50	250W	120/277/347V	295	1.89/0.83/0.66	2.52/1.13/0.95	1.55/0.66/0.55

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

PHYSICAL SPECIFICATIONS:

PART NUMBER	LEAD LENGTH	MIN. STARTING TEMP	CAPACITOR TYPE	REC. REPLACEMENT CAPACITOR #	REC. IGNITOR REPLACEMENT #
FB250HPSTRI	12 inches	- 40C	Dry Type	CAP-M-35.0uF-330VAC	GM203

A	B	C	D	E	F
91.44 mm - 3.60"	49.27 mm - 1.94"	111.8 mm - 4.40"	120.65 mm - 4.75"	108 mm - 4.25"	99.06 mm - 3.90"

