



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

PART NUMBER:

FB435347T5E

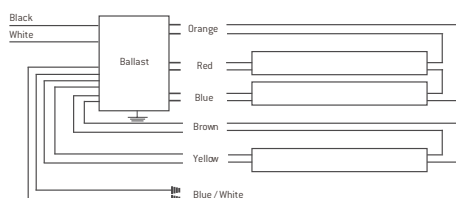
35W 4L T5 Electronic Fluorescent Ballast



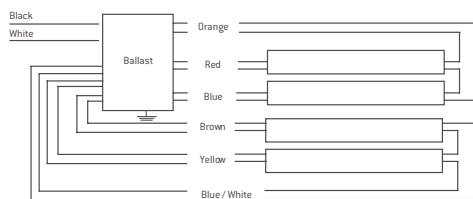
Fusion Electronic Fluorescent Ballasts are designed to perform to the highest standards and conform to and meet all applicable ANSI, FCC, UL & CSA requirements and provide energy efficient fluorescent system solutions for numerous applications and for use in various fixture designs including recessed and surface mounted as well as specialty fixtures. All Fusion electronic ballasts have a 5 year limited warranty providing peace of mind for the user.

WIRING DIAGRAM:

2 & 3 Lamp:



4 Lamp:



FEATURES & BENEFITS:

- Programmed Start or Instant Start
- 120-277V or 347V input voltage
- Industry standard lightweight and small ballast housings
- Lamp end-of-life protection circuitry
- 5 Year Warranty
- RoHS Compliant
- Meets ANSI Standard C62.41
- Meets FCC Part 18 Class A for EMI/RFI (non-consumer limits)
- cULus Listed (Calls P, Type 1 Outdoor, Type HL)

APPLICATIONS:

- **Retail:** Malls, Shopping Centers, Stores, etc.
- **Hospitality:** Restaurants, Hotels, etc.
- **Commercial:** Offices, Show Rooms & Display Areas
- **Education Centers:** Universities, Colleges, Schools, etc.

APPROVALS

RoHS
COMPLIANT



ANSI CODE | **C82.11**

ANSI CODE | **C62.41**

ORDERING INFORMATION:

PART NUMBER	DESCRIPTION	UNIT QTY	CASE QTY	CASE DIMENSIONS	CASE WEIGHT
FB435347T5E	Fusion 4L T5 Programmed Start Electronic Fluorescent Ballast	1	10	472 x 372 x 92 mm - 14.96 x 10.43 x 3.74 in	12.0kg - 26.46lbs

PERFORMANCE SPECIFICATIONS:

PART NUMBER	STARTING METHOD	LAMP CONNECTION TYPE	INPUT VOLTAGE	INPUT FREQUENCY	SOUND RATING	REMOTE MOUNTING DISTANCE
FB435347T5E	Programmed Start	2 x Series in Parallel	347 VAC	50/60Hz	A	18ft Max.



PART NUMBER:

FB435347T5E**35W 4L T5 Electronic Fluorescent Ballast**

ELECTRICAL SPECIFICATIONS:

PART NUMBER	DESCRIPTION	LAMP TYPE	METHOD OF STARTING	# OF LAMPS	LAMP WATTS	INPUT WATTS	INPUT VOLTAGE
FB435347T5E	FUSION 35W 4L T5 347V ELEC BALLAST	F54T5H0	PROGRAMMED START	2	54	118	347 VAC
		F54T5H0		1	54	62	
		F54T5H0/ES (49W)		2	49	108	
		F54T5H0/ES (49W)		1	49	55	
		F54T5H0/ES (47W)		2	47	105	
		F54T5H0/ES (47W)		1	47	55	
		FC12T5H0		2	55	105	
		FC12T5H0		1	55	55	
		FT55W		2	55	101	
		FT55W		1	55	54	
		FT50W		2	50	112	
		FT50W		1	50	58	

INPUT CURRENT (Amps) @ 120V/277V	INPUT FREQUENCY	BALLAST FACTOR	MAX. THD%	MIN. POWER FACTOR	MAX.LCCF	BEF	MIN. START TEMP
0.35	50/60Hz	0.99	10.0	0.99	1.70	0.84	-20°F / -29°C
0.18		1.02				1.65	
0.32		0.99				0.92	
0.16		0.98				1.78	
0.31		1.00				0.95	
0.16		1.02				1.85	
0.31		0.85				0.81	
0.16		0.87				1.58	
0.29		0.90				0.89	
0.16		0.92				1.70	
0.13		1.06				0.95	
0.17		1.08				1.86	

PHYSICAL SPECIFICATIONS:

PART NUMBER	LENGTH	WIDTH	HEIGHT	MOUNTING	MAX. CASE TEMP.
FB435347T5E	450.0 mm - 17.71"	43.8 mm - 1.72"	30.0 mm - 1.18"	438.0 mm - 17.24"	90C

RoHS
COMPLIANTANSI CODE | **C62.41**ANSI CODE | **C82.11**