



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

PART NUMBER:

FB254T5MVE

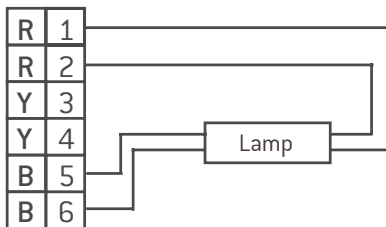
54W 2L T5 Electronic Fluorescent Ballast



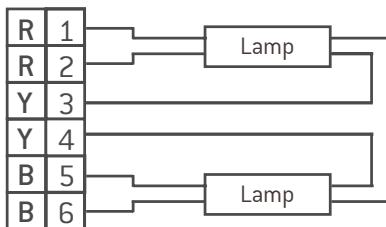
Fusion Electronic Fluorescent Ballasts are designed to perform to the highest standards and conform to and meet all applicable ANSI, FCC, UL & CSA requirements and provide energy efficient fluorescent system solutions for numerous applications and for use in various fixture designs including recessed 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:

1 Lamp:



2 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



ANSI CODE **C82.11**

ANSI CODE **C62.41**

ORDERING INFORMATION:

PART NUMBER	DESCRIPTION	UNIT QTY	CASE QTY	CASE DIMENSIONS	CASE WEIGHT
FB254T5MVE	Fusion 2L T5 Programmed Start Electronic Fluorescent Ballast	1	10	380 x 265 x 95 mm - 14.96 x 10.43 x 3.74 in	6.4kg - 14.11lbs

PERFORMANCE SPECIFICATIONS:

PART NUMBER	STARTING METHOD	LAMP CONNECTION TYPE	INPUT VOLTAGE	INPUT FREQUENCY	SOUND RATING	REMOTE MOUNTING DISTANCE
FB254T5MVE	Programmed Start	Series	120-277 VAC	50/60Hz	A	18ft Max.



PART NUMBER:

FB254T5MVE

54W 2L T5 Electronic Fluorescent Ballast

ELECTRICAL SPECIFICATIONS:

PART NUMBER	DESCRIPTION	LAMP TYPE	METHOD OF STARTING	# OF LAMPS	LAMP WATTS	INPUT WATTS	INPUT VOLTAGE
FB254T5MVE	FUSION 54W 2L T5 120-277V LPF ELEC BALLAST	F54T5H0	PROGRAMMED START	2	54	116	120-277 VAC
		F54T5H0		1	54	62	
		F54T5H0/ES (49W)		2	49	107	
		F54T5H0/ES (49W)		1	49	56	
		F54T5H0/ES (47W)		2	47	108	
		F54T5H0/ES (47W)		1	47	59	
		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
0.97 / 0.43	50/60Hz	0.99	10	0.99	1.7	0.85	-20°F / -29°C
0.42 / 0.23		1.02				1.65	
0.92 / 0.40		0.97				0.91	
0.46 / 0.21		1.02				1.82	
0.81 / 0.39		1.00				0.93	
0.50 / 0.22		1.09				1.85	
0.88 / 0.38		0.85				0.81	
0.46 / 0.21		0.87				1.58	
0.85 / 0.37		0.90				0.89	
0.46 / 0.20		0.92				1.70	
0.94 / 0.41		1.06				0.95	
0.48 / 0.21		1.08				1.86	

PHYSICAL SPECIFICATIONS:

PART NUMBER	LENGTH	WIDTH	HEIGHT	MOUNTING	MAX. CASE TEMP.
FB254T5MVE	241.0 mm - 9.5"	43.8 mm - 1.72"	30.0 mm - 1.18"	226.0 mm - 8.90"	90C



ANSI CODE | C62.41

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ELECTRONIC FLU BALLASTS