



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

PART NUMBER:

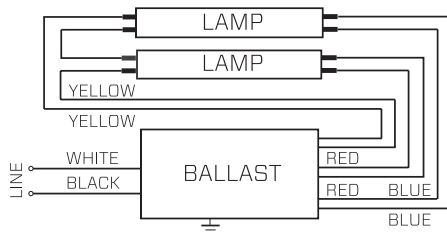
FB254T5MVE-N

T5 ELECTRONIC FLUORESCENT BALLAST



WIRING DIAGRAM:

2 Lamp:



Fusion T8 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. Fusion electronic ballasts have a limited warranty providing peace of mind for the user.

FEATURES & BENEFITS:

- 54W 2 Lamp T5 E-Ballast
- Parallel lamp connection
- 120V-277 Multi-Voltage
- Instant Start
- Sound Rating: A
- 5 Year Limited Warranty
- RoHS Compliant
- Meets ANSI Standard C82.11-2005
- Meets ANSI Standard C62.41-2002
- Meets FCC 18 Consumer limits
- Meets FCC 18 Non-Consumer limits
- Meets DOE energy conservation standards
- No PCB's
- UL & cUL listed (Class P, Type 1 Outdoor)
- OCV 300V
- No load: 5 Watt

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
FB254T5MVE-N	Fusion 54W 2 LAMP 120-277V E-Ballast	1	10	11 x 10.25 x 2.75" - 279.4 x 260.35 x 69.85mm	10.10 lbs - 4.58 kgs

PERFORMANCE SPECIFICATIONS:

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



PART NUMBER:

FB254T5MVE-N

T5 ELECTRONIC FLUORESCENT BALLAST

ELECTRICAL SPECIFICATIONS:

MODEL #	# OF LAMPS	LAMP WATTS	MIN. START TEMP	INPUT CURRENT (AMPS)		INPUT WATTS		BALLAST FACTOR		MAX. THD%		POWER FACTOR		MAX. LCCF	BEF	
				120V	277V	120V	277V	120V	277V	120V	277V	120V	277V		120V	277V
F54T5H0	1 LAMP	54	-29°C /-20°F	0.52	0.23	62	62	1.03	1.03	10	20	0.98	0.90	1.70	1.66	1.66
	2 LAMP			1.00	0.43	1.20	117	1.00	1.00	10	10	0.98	0.97		0.83	0.85
F54T5H0/EA (49W)	1 LAMP	49		0.44	0.21	53	58	0.90	1.04	10	10	0.99	0.90		1.69	1.79
	2 LAMP			0.88	0.38	106	105	0.99	0.98	10	10	0.98	0.97		0.93	0.93
FC12T5/H0	1 LAMP	55		0.45	0.20	55	55	0.88	0.88	10	20	0.98	0.90		1.60	1.60
	2 LAMP			0.87	0.37	106	103	0.86	0.86	10	10	0.98	0.97		0.81	0.83
CFT55W/2G11	1 LAMP	55		0.51	0.22	58	58	0.93	0.93	10	20	0.98	0.90		1.60	1.60
	2 LAMP			0.94	0.40	112	109	0.91	0.91	10	10	0.98	0.97		0.81	0.83
CFT50W/2G11	1 LAMP	50		0.52	0.23	61	61	1.15	1.15	10	20	0.98	0.90		1.89	1.89
	2 LAMP			1.01	0.43	118	115	1.12	1.12	10	10	0.98	0.97		0.95	0.97

PHYSICAL SPECIFICATIONS:

PART NUMBER	LENGTH	WIDTH	HEIGHT	MOUNTING	MAX. CASE TEMP.
FB254T5MVE-N	9.5"	1.3"	1.0"	8.90"	90°C



ANSI CODE | C62.41

ANSI CODE | C82.11

