

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

PART NUMBER:

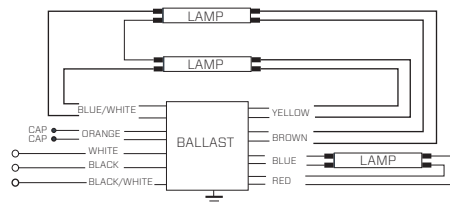
# FB454T5MVE-N

## T5 ELECTRONIC FLUORESCENT BALLAST

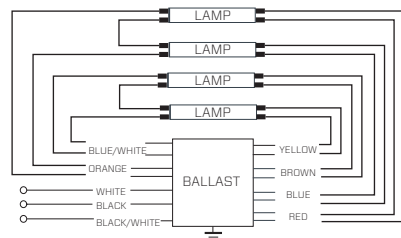


### WIRING DIAGRAM:

#### 3 Lamp:



#### 4 Lamp:



Tie white and black striped wire in with black wire for 4 lamp and 3 lamp operation.

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 4 Lamp T5 E-Ballast
- Hybrid lamp connection
- 120V-277 Multi-Voltage
- Program Start
- Sound Rating: A
- 5 Year Limited Warranty
- RoHS Compliant
- Meets ANSI Standard C82.11-2002
- 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 600V
- No load: < 10 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
FB454T5MVE-N	Fusion 54W 4 LAMP 120-277V E-Ballast	1	10	25.80 x 13.25 x 3" - 655.32 x 336.55 x 76.2mm	25.80 lbs - 11.7 kg

### PERFORMANCE SPECIFICATIONS:

PART NUMBER	STARTING METHOD	LAMP CONNECTION TYPE	INPUT VOLTAGE	INPUT FREQUENCY	SOUND RATING	REMOTE MOUNTING DISTANCE
FB454T5MVE-N-N	Program Start	Hybrid	120-277 VAC	50/60Hz	A	18ft Max.



PART NUMBER:

# FB454T5MVE-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	3 LAMP	54	-29°C /-20°F	1.50	0.67	176	173	1.03	1.03	10	0.98	0.92	1.70	0.58	0.59		
	4 LAMP			1.90	0.81	228	225	0.93	0.95					0.98	0.98	0.42	0.43
F54T5H0/EA [49W]	3 LAMP	49		1.34	0.78	162	209	0.97	0.97					0.98	0.96	0.60	0.46
	4 LAMP			1.78	0.78	214	209	0.97	0.97					0.98	0.96	0.45	0.46
FT55W/2G11	3 LAMP	55		1.50	0.60	170	160	0.93	0.93					0.98	0.92	0.53	0.58
	4 LAMP			1.90	0.90	226	222	0.91	0.91					0.98	0.97	0.38	0.38
CFT50W/2G11	3 LAMP	50		1.28	0.53	150	146	1.15	1.15					0.98	0.92	0.76	0.78
	4 LAMP			1.57	0.77	200	196	1.15	1.15					0.98	0.97	0.57	0.58

PHYSICAL SPECIFICATIONS:

PART NUMBER	LENGTH	WIDTH	HEIGHT	WEIGHT	MOUNTING	MAX. CASE TEMP.
FB454T5MVE-N	9.5" - 241.3 mm	1.3" - 33.02 mm	1.0" - 25.4 mm	2.45 lbs - 1.11 kg	8.9" - 226.06 mm	90°C



ANSI CODE | C62.41

ANSI CODE | C82.11

