

ProLume ProFormance[®] Electronic Linear Fluorescent Ballast Specifications

EP454HO/PS/MV

Ballast Type: Electronic Fluorescent
Starting Method: Programmed Start
Lamp Connection: Parallel
Input Voltage: 120-277V
Input Frequency: 50/60Hz

Lamp Type	# of Lamps	Volts	Rated Lamp Watts	Min. Start Temp (°F/°C)	Input Current (Amps)	Input Power (Watts)	Ballast Factor	THD %	Power Factor	B. E. F.	Wire Diag.
F54T5/HO	4	120	54	-20/-29	2.00	231	1.00	<10	0.98	0.42	4-7
		277			0.86	228	1.00		0.98	0.43	
F54T5/HO	3	120	54	-20/-29	1.50	176	1.03	<10	0.98	0.58	3-10
		277			0.65	173	1.03		0.92	0.59	
F54T5/HO	2	120	54	-20/-29	1.00	120	1.00	<10	0.98	0.83	2-22
		277			0.43	117	1.00		0.98	0.85	
F49T5/HO	4	120	49	-20/-29	1.78	214	0.97	<10	0.98	0.45	4-7
		277			0.78	209	0.97		0.96	0.46	
F49T5/HO	3	120	49	-20/-29	1.34	162	0.97	<10	0.98	0.60	3-10
		277			0.61	159	0.97		0.93	0.61	
F49T5/HO	2	120	49	-20/-29	0.88	106	0.97	<10	0.98	0.92	2-22
		277			0.39	104	0.97		0.96	0.93	
PLL50/2G11	4	120	50	-20/-29	1.57	200	1.15	<10	0.98	0.57	4-7
		277			0.77	196	1.15		0.97	0.58	
PLL50/2G11	3	120	50	-20/-29	1.28	150	1.15	<10	0.98	0.76	3-10
		277			0.53	146	1.15		0.92	0.78	
PLL50/2G11	2	120	50	-20/-29	0.84	100	1.15	<10	0.98	1.15	2-22
		277			0.36	98	1.15		0.97	1.17	

Also operates equivalent U-shaped lamps

WIRING DIAGRAMS

SW | Lamps
Closed | 4 Lamps On
Open | 2 Lamps On

SW | Lamps
Closed | 3 Lamps On
Open | 2 Lamps On

SW | Lamps
Closed | 2 Lamps On
Open | 2 Lamps On

Neutral or Any Hot

4-7

3-10

2-22

STANDARD LEAD LENGTH

	in.	cm.
White	25"	63.50
Black	25"	63.50
Black/White	25"	63.50
Blue/White	46"	116.84
Orange	46"	116.84
Red	31"	78.74
Blue	31"	78.74
Brown	31"	78.74
Yellow	31"	78.74

OCV: 300V

CASE DIAGRAM

CASE DIMENSIONS

Overall (L)	Width (W)	Height (H)	Mounting (M)
16.75"	1.80"	1.20"	16.30"

HOT SPOT LOCATION

Maximum Case Temperature: 194°F

Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

PN# 50186

