94131 - GE454MVPS90-E-S

GE GE454MVPS90-E-S

- Lower Maintenance Costs with Parallel Lamp Operation
- Multi-Voltage technology means a single ballast handles voltage from 108V to 305V
- Auto-Restart withstands temporary losses in power without the need to cycle power
- UltraCool™ Operation 90C case rating/UL Approved 55C Ambient Rating
- Individual lamp End of Lamp Life protection - only one lamp shuts down at end of life
- Anti-Striation Control for better light quality, with no striations.
- Cold temperature -20F Minimum Starting Temperature
- The ballast should have the step dimming features and be able to provide 50% input power (+/-15%) in the dimming mode by shutdown 2 of the 4 lamps.

GENERAL CHARACTERISTICS

Application	Step dimming 4/2- F54T5HO 120 to 277 UltraStart PRS High Temp E Can.
Category	Linear Fluorescent
Ballast Type	Electronic - Program / Rapid Start
Dimming Type	Step dimming
Starting Method	Programmed Rapid Start
Lamp Wiring	Parallel
Line Voltage Regulation (+/-) (NOM)	10.0 %
Ambient Temperature (MAX)	55.0 °C (13 °C)
Power Factor Correction	Active
Sound Rating	A (20-24 decibels)
Additional Info	Auto reset after lamp replacement / Parallel Lamp Operation / Program (Rapid) start / Active Power Factor Correction / Inherent End of Lamp Life Shutdown

PRODUCT INFORMATION

Product Code	94131
Description	GE454MVPS90-E-S
Standard Package	00-Case
Standard Package GTIN	10043168941317
Standard Package Quantity	8
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	8
UPC	043168941310

DIMENSIONS

Case dimensions	
Length (L)	16.7 in(424.18 mm)
Width (W)	1.7 in(43.18 mm)
Height (H)	1.2 in(30.48 mm)
Mounting dimensions	
Bracket Length (BL)	NaN in(NaN mm)
Mount Length (M)	16.1 in(408.94 mm)
Mount Width (X or F)	NaN in(NaN mm)
Mount Slots (MS)	NaN in(NaN mm)
Weight (NOM)	2.73 lb
Exit Type	Side
Remote Mounting Distance (NOM)	12.0 ft

Lead lengths	Qty	Exit	Length (± 1 in.)
Black/White	1	Left	25 (635 mm)
Gray	1	Left	25 (635 mm)
Orange	2	Left	47 (1194 mm)
Blue/White	2	Right	34 (864 mm)
Red/White	2	Right	34 (864 mm)
Yellow	2	Left	47 (1194 mm)
Blue	2	Right	34 (864 mm)
Red	2	Right	34 (864 mm)

ELECTRICAL CHARACTERISTICS

Supply Current Frequency (NOM)	50.0 Hz / 60.0 Hz

SAFETY & PERFORMANCE

- Product is compliant with material restriction requirements of RoHS
- UL 55C Ambient Approved
- UL Type 1 Outdoor
- Meets ANSI Standard C82.11-Cons 2002
- UL Type HL
- FCC - CLASS A Non-Consumer
- UL Class P
- 70C max case temp 5 yr warranty or 90C max case temp 3 yr warranty
- UL Type CC
- cUL Listed
- Meets ANSI Standard C62.41-1991
- No PCB's
- Meets ANSI Standard C62.41-2002
- FCC Part 18 (Class A) for EMI and RFI Non-Consumer Limits
- For one lamp operation, safety only
- DOE 2014 ballast rule - 10 CFR Part 430

SPECIFICATIONS BY LAMP & WATTAGE

Lamp	# of Lamps	Line Volts	System Watts	Nom. Line Current	System Ballast Factor	Ballast Efficacy Factor	Power Factor% (>=)	Crest Factor (<=)	THD% (<=)	Min. Starting Temp (°F/ °C)
FT55W/2G11	2	120	109	0.93 A	0.93	0.85	99	1.7	9.0	0.0 °F / NaN
FT55W/2G11	2	277	109	0.4 A	0.92	0.85	98	1.7	7.0	0.0 °F / NaN
FT55W/2G11	3	277	162	0.62 A	0.91	0.56	99	1.7	5.0	0.0 °F / NaN
FT55W/2G11	3	120	165	1.47 A	0.91	0.55	99	1.7	7.0	0.0 °F / NaN
FT55W/2G11	4	277	210	0.77 A	0.92	0.44	99	1.7	4.0	0.0 °F / NaN
FT55W/2G11	4	120	215	1.87 A	0.91	0.42	99	1.7	6.0	0.0 °F / NaN
FT50W/2G11	2	120	112	1.0 A	0.90	0.80	99	1.7	9.0	0.0 °F / NaN
FT50W/2G11	2	277	112	0.43 A	0.90	0.80	98	1.7	8.0	0.0 °F / NaN
FT50W/2G11	3	277	170	0.66 A	0.90	0.53	99	1.7	5.0	0.0 °F / NaN
FT50W/2G11	3	120	172	1.57 A	0.89	0.52	99	1.7	7.0	0.0 °F / NaN
FT50W/2G11	4	277	219	0.83 A	0.90	0.41	99	1.7	4.0	0.0 °F / NaN
FT50W/2G11	4	120	224	2.01 A	0.89	0.40	99	1.7	6.0	0.0 °F / NaN
F58T8	2	120	107	0.94 A			99	1.7	9.0	-20.0 °F / NaN
F58T8	2	277	107	0.4 A			98	1.7	8.0	-20.0 °F / NaN
F58T8	3	120	164	1.44 A			99	1.7	7.0	-20.0 °F / NaN
F58T8	3	277	161	0.61 A			99	1.7	6.0	-20.0 °F / NaN
F58T8	4	120	213	1.85 A			99	1.7	6.0	-20.0 °F / NaN
F58T8	4	277	208	0.77 A			99	1.7	4.0	-20.0 °F / NaN
F54T5/WM	4	277	211	0.78 A	1.01	0.48	99	1.7	4.0	-20.0 °F / NaN
F54T5/WM	3	277	165	0.63 A	1.02	0.62	99	1.7	5.0	-20.0 °F / NaN
F54T5/WM	2	277	109	0.41 A	1.04	0.95	98	1.7	7.0	-20.0 °F / NaN
F54T5/WM	4	120	216	1.89 A	1.04	0.48	99	1.7	6.0	-20.0 °F / NaN
F54T5/WM	3	120	168	1.49 A	1.03	0.61	99	1.7	7.0	-20.0 °F / NaN
F54T5/WM	2	120	109	0.96 A	1.03	0.94	99	1.7	9.0	-20.0 °F / NaN
F54T5/HO	2	120	114	1.02 A	1.00	0.87	99	1.7	8.0	-20.0 °F / NaN
F54T5/HO	2	277	114	0.44 A	1.00	0.87	98	1.7	8.0	-20.0 °F / NaN
F54T5/HO	3	120	174	1.59 A	0.99	0.57	99	1.7	7.0	-20.0 °F / NaN
F54T5/HO	3	277	171	0.66 A	1.01	0.59	99	1.7	5.0	-20.0 °F / NaN
F54T5/HO	4	120	227	2.02 A	0.99	0.44	99	1.7	6.0	-20.0 °F / NaN
F54T5/HO	4	277	222	0.84 A	1.00	0.45	99	1.7	4.0	-20.0 °F / NaN
F54T5/49W	2	120	109	0.92 A	1.05	0.97	99	1.7	9.0	-20.0 °F / NaN
F54T5/49W	2	277	109	0.39 A	1.03	0.95	98	1.7	7.0	-20.0 °F / NaN
F54T5/49W	3	120	166	1.44 A	1.04	0.63	99	1.7	7.0	-20.0 °F / NaN
F54T5/49W	3	277	164	0.61 A	1.03	0.63	99	1.7	5.0	-20.0 °F / NaN
F54T5/49W	4	120	215	1.83 A	1.04	0.48	99	1.7	6.0	-20.0 °F / NaN
F54T5/49W	4	277	210	0.76 A	1.03	0.49	99	1.7	4.0	-20.0 °F / NaN
F54T5/47W	2	120	105	0.92 A	1.00	0.95	99	1.7	9.0	-20.0 °F / NaN
F54T5/47W	2	277	105	0.39 A	1.00	0.95	98	1.7	7.0	-20.0 °F / NaN
F54T5/47W	3	120	162	1.44 A	1.00	0.62	99	1.7	7.0	-20.0 °F / NaN

F54T5/47W	3	277	160	0.61 A	1.00	0.62	99	1.7	6.0	-20.0 °F / NaN
F54T5/47W	4	120	208	1.83 A	1.00	0.48	99	1.7	4.0	-20.0 °F / NaN
F54T5/47W	4	277	204	0.76 A	1.00	0.49	99	1.7	4.0	-20.0 °F / NaN

WARRANTY INFORMATION

GE Lighting warrants to the purchaser that each ballast will be free from defects in material or workmanship for period as defined in the attached documents from the date of manufacture when properly installed and under normal conditions of use.