



GE
Lighting

67566 - GE454MVPS90-F

4-1 - F54T5HO 120 to 277 UltraStart PRS High Temp F Can; High Efficiency T5 ballast with Continuous Cathode Cutout Technology

- 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

GENERAL CHARACTERISTICS

Category	Linear Fluorescent
Ballast Type	Electronic - Rapid Start
Starting Method	Programmed Rapid Start
Lamp Wiring	Parallel
Ambient Temperature (MIN)	-20.0 °F
Ambient Temperature (MAX)	131.0 °F (55 °C)
Case Temperature (MAX)	90.0 °C
Ballast Factor	Normal-High (1.0)
Power Factor Correction	Active
Sound Rating	A (20-24 decibels)
Enclosure Type	Metal Can
Additional Info	Auto reset after lamp replacement / Active Power Factor Correction / Inherent thermal protection / Parallel Lamp Operation / Program (Rapid) start / No PCBs

PRODUCT INFORMATION

Product Code	67566
Description	GE454MVPS90-F
Standard Package	Pallet
Standard Package GTIN	10043168675663
Standard Package Quantity	10
Sales Unit	Pallet
No Of Items Per Sales Unit	10
No Of Items Per Standard	10
Package	
UPC	043168675666

DIMENSIONS

Case dimensions			
Length (L)		11.8 in(298.45 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)		11.1 in(282.96 mm)	
Mount Width (X or F)		NaN in(NaN mm)	
Mount Slots (MS)		0.2 in(6.35 mm)	
Weight (NOM)		1.94 lb	
Exit Type		Side	
Remote Mounting Distance (NOM)		12.0 ft	
Lead lengths	Qty	Exit	Length (± 1 in.)
Black	1	Left	25 (635 mm)
White	1	Left	25 (635 mm)
Red	1	Right	33 (838 mm)
Blue	1	Right	33 (838 mm)
Blue/White	1	Right	33 (838 mm)
Red/White	1	Right	33 (838 mm)
Yellow	1	Left	47 (1194 mm)

ELECTRICAL CHARACTERISTICS

Supply Current Frequency (NOM)	50.0 Hz / 60.0 Hz
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SAFETY & PERFORMANCE

- Product is compliant with material restriction requirements of RoHS
- UL 55C Ambient Approved
- UL type 1
- ANSI - C82.11
- 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
- Type CC
- cUL Listed
- ANSI - C62.41
- No PCB's

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/4P	1	120	65	0.54 A	0.91		99	1.4	12.0	0.0 °F / NaN
FT55W/4P	2	120	108	0.91 A	0.88		99	1.4	10.0	0.0 °F / NaN

FT55W/4P	1	277	66	0.26 A	0.91		89	1.4	23.0	0.0 °F / NaN
FT55W/4P	2	277	108	0.4 A	0.88		97	1.4	8.0	0.0 °F / NaN
FT55W/4P	3	120	162	1.36 A	0.86		100	1.4	9.0	0.0 °F / NaN
FT55W/4P	3	277	160	0.59 A	0.86		98	1.4	9.0	0.0 °F / NaN
FT55W/4P	4	120	206	1.73 A	0.86		100	1.4	7.0	0.0 °F / NaN
FT55W/4P	4	277	203	0.75 A	0.86		98.7	1.4	8.0	0.0 °F / NaN
FT50W/4P	1	120	68	0.57 A	1.19		99	1.4	12.0	0.0 °F / NaN
FT50W/4P	1	277	69	0.27 A	1.19		90	1.4	22.0	0.0 °F / NaN
FT50W/4P	2	120	117	0.98 A	1.08		99	1.4	10.0	0.0 °F / NaN
FT50W/4P	2	277	117	0.43 A	1.08		98	1.4	8.0	0.0 °F / NaN
FT50W/4P	3	120	171	1.43 A	1.03		99.7	1.4	8.0	0.0 °F / NaN
FT50W/4P	3	277	169	0.62 A	1.03		98.3	1.4	9.0	0.0 °F / NaN
FT50W/4P	4	120	222	1.86 A	1.07		99.7	1.4	7.0	0.0 °F / NaN
FT50W/4P	4	277	218	0.81 A	1.07		98.8	1.4	8.0	0.0 °F / NaN
F58T8	2	120	110	0.92 A			99	1.4	10.0	-20.0 °F / NaN
F58T8	1	120	66	0.57 A			99	1.4	12.0	-20.0 °F / NaN
F58T8	2	277	110	0.41 A			98	1.4	8.0	-20.0 °F / NaN
F58T8	1	277	66	0.29 A			90	1.4	23.0	-20.0 °F / NaN
F58T8	3	120	159	1.34 A			100	1.4	9.0	-20.0 °F / NaN
F58T8	3	277	157	0.58 A			98	1.4	9.0	-20.0 °F / NaN
F58T8	4	120	208	1.74 A			100	1.4	7.0	-20.0 °F / NaN
F58T8	4	277	205	0.76 A			99	1.4	9.0	-20.0 °F / NaN
F54T5WM	2	120	112	0.94 A	0.99		99	1.4	10.0	0.0 °F / NaN
F54T5WM	1	277	67	0.3 A	1.12		90	1.4	23.0	0.0 °F / NaN
F54T5WM	1	120	66	0.58 A	1.12		99	1.4	12.0	0.0 °F / NaN
F54T5WM	2	277	112	0.41 A	0.99		98	1.4	8.0	0.0 °F / NaN
F54T5WM	4	277	213	0.78 A	1.00		99	1.4	8.0	0.0 °F / NaN
F54T5WM	4	277	216	1.83 A	1.00		99	1.4	8.0	0.0 °F / NaN
F54T5WM	4	120	214	1.79 A	1.00		100	1.4	7.0	0.0 °F / NaN
F54T5WM	3	120	163	1.36 A	0.98		100	1.4	8.0	0.0 °F / NaN
F54T5WM	3	277	163	0.6 A	0.93		98	1.4	8.0	-20.0 °F / NaN
F54T5WM	3	277	161	0.59 A	0.98		98	1.4	9.0	0.0 °F / NaN
F54T5HO	3	277	163	0.6 A	0.93		98	1.4	8.0	-20.0 °F / NaN
F54T5HO	1	120	69	0.57 A	1.16		99	1.4	12.0	-20.0 °F / NaN
F54T5HO	1	277	69	0.27 A	1.16		90		1.4	-20.0 °F / NaN
F54T5HO	2	120	118	0.99 A	0.96		98	1.4	10.0	-20.0 °F / NaN
F54T5HO	2	277	117	0.43 A	0.96		96	1.4	9.0	0.0 °F / NaN
F54T5HO	3	120	165	1.38 A	0.93		100	1.4	8.0	-20.0 °F / NaN
F54T5HO	4	120	220	1.84 A	1.00		100	1.4	7.0	-20.0 °F / NaN
F54T5HO	4	277	216	0.8 A	1.00		99	1.4	8.0	-20.0 °F / NaN
F54T5/47W	1	120	64	0.53 A	1.09		99	1.4	13.0	-20.0 °F / NaN
F54T5/47W	1	277	63	0.26 A	1.09		88	1.4	24.0	-20.0 °F / NaN
F54T5/47W	2	120	109	0.91 A	1.03		99	1.4	10.0	-20.0 °F / NaN
F54T5/47W	2	277	109	0.4 A	1.03		98	1.4	8.0	-20.0 °F / NaN
F54T5/47W	3	120	158	1.32 A	1.00		100	1.4	8.0	-20.0 °F / NaN
F54T5/47W	3	277	156	0.57 A	1.00		97	1.4	9.0	-20.0 °F / NaN
F54T5/47W	4	120	206	1.85 A	1.00		100	1.4	7.0	-20.0 °F / NaN
F54T5/47W	4	277	202	0.79 A	1.00		99	1.4	8.0	-20.0 °F / NaN

NOTES

- FOR THREE LAMP OPERATION INDIVIDUALLY INSULATE BLUE LEADS FOR 1000 Vrms
- FOR TWO LAMP OPERATION INDIVIDUALLY INSULATE BLUE AND RED LEADS FOR 1000 Vrms
- FOR ONE LAMP OPERATION OF F54T5HO AND F54T5HOWM ONLY INDIVIDUALLY INSULATE BLUE AND BLUE/WHITE AND RED LEADS FOR 1000 Vrms

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.