

Presented By: iLightDepot/GE Lighting Depot
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Customer Name:
Project Name:
Fixture Type:

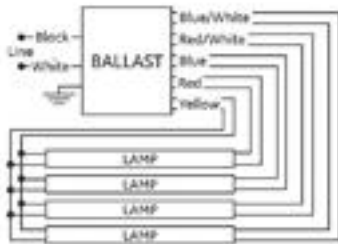


GE
Lighting

77114 - GE454MVPS90-E

GE LFL UltraStart® Electronic Program / Rapid Start Ballast

- High Efficiency T5 ballast with Continuous Cathode Cutout Technology
- Lower Maintenance Costs with Parallel Lamp Operation
- Fast Starting Time <700ms
- 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
- Anti-Striation Control for better light quality, with no striations.
- 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
- Cold temperature -20F Minimum Starting Temperature



GENERAL CHARACTERISTICS

Application	4-1 - F54T5HO 120 to 277 UltraStart PRS High Temp E Can
Category	Linear Fluorescent
Ballast Type	Electronic - Program / Rapid Start
Starting Method	Programmed start
Lamp Wiring	Parallel
Line Voltage Regulation (+/-)	10.0 %
Case Temperature (MAX)	90.0 °C
Ballast Factor	Normal
Power Factor Correction	Active
Sound Rating	A (20-24 decibels)
Enclosure Type	Metal
Additional Info	Anti-striation control/Auto- restart/End of Life Protection (EOL)/Universal voltage/ High output/Inherent thermal protection/Lamp End-of-Life Safety Shutdown Circuit/ Parallel Lamp Operation

PRODUCT INFORMATION

Product Code	77114
Description	GE454MVPS90-E
Standard Package	Case
Standard Package GTIN	10043168771143
Standard Package Quantity	8
Sales Unit	Unit
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	8
UPC	043168771146

DIMENSIONS

Case dimensions			
Length (L)		16.7 in(424.18 mm)	
Width (W)		1.7 in(43.18 mm)	
Height (H)		1.2 in(29.97 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		2.79 lb	
Exit Type		Side	
Remote Mounting Distance		12.0 ft	
Remote Mounting Wire Gauge		18.0 AWG	
Lead lengths	Qty	Exit	Length (± 1 in.)
Black	1	Left	25.0 (635mm)
White	1	Left	25.0 (635mm)
Blue	2	Right	34.0 (864mm)
Blue/White	2	Right	34.0 (864mm)
Red	2	Right	34.0 (864mm)
Red/White	2	Right	34.0 (864mm)
Yellow	2	Left	34 (864mm)

ELECTRICAL CHARACTERISTICS

Supply Current Frequency	50.0 Hz/60.0 Hz
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SAFETY & PERFORMANCE

- FCC - CLASS A Non-Consumer
- UL Class P
- UL Listed
- UL Type 1 Outdoor
- UL Type CC
- UL Type HL
- RoHS Compliant
- Meets ANSI Standard C82.11-Cons 2002
- Meets ANSI Standard C62.41-1991
- High Temperature Rated: Suitable for high temperature applications
- 70C max case temp 5 yr warranty or 90C max case temp 3 yr warranty
- UL 55C Ambient Approved

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	64	0.54 A			99	1.4	0.0 °F / NaN
FT55W/4P	1	277	66	0.28 A			84	1.4	0.0 °F / NaN
FT55W/4P	2	120	125	1.04 A			99	1.4	0.0 °F / NaN
FT55W/4P	2	277	124	0.48 A			94	1.4	0.0 °F / NaN
FT55W/4P	3	120	168	1.41 A	0.91	0.54	99	7.0	0.0 °F / NaN
FT55W/4P	3	277	168	0.63 A	0.91	0.54	97	1.4	0.0 °F / NaN
FT55W/4P	4	120	206	1.73 A	0.86	0.42	99	1.4	0.0 °F / NaN
FT55W/4P	4	277	203	0.75 A	0.86	0.42	97	1.4	0.0 °F / NaN
FT50W/4P	1	120	72	0.6 A			99	1.4	0.0 °F / NaN
FT50W/4P	1	277	73	0.31 A			85	1.4	0.0 °F / NaN
FT50W/4P	2	120	130	1.09 A			99	1.4	0.0 °F / NaN
FT50W/4P	2	277	130	0.5 A			95	1.4	0.0 °F / NaN
FT50W/4P	3	120	187	1.56 A	1.11	0.59	99	1.4	0.0 °F / NaN
FT50W/4P	3	277	184	0.68 A	1.11	0.60	97	1.4	0.0 °F / NaN
FT50W/4P	4	120	222	1.86 A	1.06	0.48	99	1.4	0.0 °F / NaN
FT50W/4P	4	277	218	0.81 A	1.06	0.49	98	1.4	0.0 °F / NaN
F58T8	2	120	128	1.07 A			99	1.4	-20.0 °F / NaN
F58T8	1	120	67	0.57 A			99	1.4	-20.0 °F / NaN
F58T8	2	277	127	0.49 A			94	1.4	-20.0 °F / NaN
F58T8	1	277	68	0.29 A			85	1.4	-20.0 °F / NaN
F58T8	3	120	176	1.47 A	0.99	0.56	99	1.4	-20.0 °F / NaN
F58T8	3	277	173	0.65 A	0.99	0.57	94	1.4	-20.0 °F / NaN
F58T8	4	120	208	1.73 A	0.95	0.46	99	1.4	-20.0 °F / NaN
F58T8	4	277	204	0.76 A	0.95	0.47	97	1.4	-20.0 °F / NaN
F54T5/WM	4	277	210	0.78 A	1.00	0.48	98	1.4	0.0 °F / NaN
F54T5/WM	3	277	178	0.66 A	1.01	0.57	97	1.4	0.0 °F / NaN
F54T5/WM	2	277	135	0.51 A	0.96	0.71	95	1.4	0.0 °F / NaN
F54T5/WM	1	277	70	0.3 A	1.12	1.60	85	1.4	0.0 °F / NaN
F54T5/WM	4	120	214	1.79 A	1.00	0.47	99	1.4	0.0 °F / NaN
F54T5/WM	3	120	181	1.51 A	1.01	0.56	99	1.4	0.0 °F / NaN
F54T5/WM	2	120	130	1.09 A	0.96	0.74	99	1.4	0.0 °F / NaN
F54T5/WM	1	120	69	0.58 A	1.12	1.62	99	1.4	0.0 °F / NaN
F54T5/HO	1	120	69	0.58 A	1.11	1.61	99	1.4	-20.0 °F / NaN
F54T5/HO	1	277	70	0.3 A	1.11	1.59	85	1.4	-20.0 °F / NaN
F54T5/HO	2	120	133	0.58 A	0.96	0.72	99	1.4	-20.0 °F / NaN
F54T5/HO	2	277	132	0.5 A	96.00	72.73	95	1.4	-20.0 °F / NaN
F54T5/HO	3	120	185	1.55 A	1.01	0.55	99	1.4	-20.0 °F / NaN
F54T5/HO	3	277	182	0.68 A	1.01	0.55	97	1.4	-20.0 °F / NaN
F54T5/HO	4	120	220	1.84 A	1.00	0.45	99	1.4	-20.0 °F / NaN
F54T5/HO	4	277	216	0.8 A	1.00	0.46	98	1.4	-20.0 °F / NaN
F54T5/47W	1	120	65	0.59 A	1.12	1.72	99	1.4	10.0
F54T5/47W	1	277	66	0.3 A	1.12	1.70	85	1.4	26.0
F54T5/47W	2	120	123	1.03 A	0.96	0.78	99	1.4	7.0
F54T5/47W	2	277	122	0.46 A	0.96	0.79	95	1.4	15.0
F54T5/47W	3	120	174	1.47 A	1.01	0.58	99	1.4	6.0
F54T5/47W	3	277	171	0.63 A	1.01	0.59	97	1.4	9.0
F54T5/47W	4	120	206	1.85 A	1.00	0.49	99	1.4	5.0
F54T5/47W	4	277	202	0.79 A	1.00	0.50	98	1.4	8.0

NOTES

- For three lamp operation insulate blue leads individually
- For two lamp operation insulate blue and blue/white leads individually.
- For one lamp operation insulate blue and blue/white and red/white leads individually.

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.