



GE
Lighting

94131 - GE GE454MVPS90-E-S

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

Ambient Temp [Max]	55 °C
Ballast Type	Program / Rapid Start
Dimming Type	Step dimming
Line Voltage Regulation (+/-)	10
Classification (Regulations)	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
Sound Rating	A (20-24 decibels)
Starting Method	Programmed Rapid Start
Product Technology	Linear Fluorescent
Lamp Wiring	Parallel
Power Factor Correction	Active

PRODUCT INFORMATION

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

DIMENSIONS

Weight	2.73 lb
Exit Type	Side
Remote Mount Distance	12 ft

Case Dimensions

Length	16.7in
Width	1.7in
Height	1.2in

Mounting Dimensions

Mount Length	16.1in
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Lead Color	Qty	Exit	Length (1 in.)
Black/White	1	Left	25in
Orange	2	Left	47in
Gray	1	Left	25in
Blue/White	2	Right	34in
Red/White	2	Right	34in

Yellow	2	Left	47in
Blue	2	Right	34in
Red	2	Right	34in

ELECTRICAL CHARACTERISTICS

Supply Current Freq nominal Hz 5060

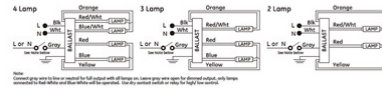
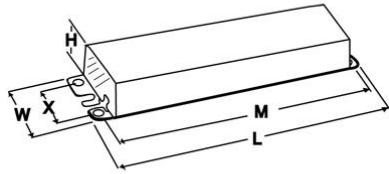
SAFETY & PERFORMANCE

- ☞ Pro_comp_res_req
- ☞ UL_Amb_App
- ☞ UL_Type1_Out
- ☞ Meets_2002
- ☞ UL_Type_HL
- ☞ FCC_CS_NCons
- ☞ UL_Cls_P
- ☞ C_max_wty_temp
- ☞ UL_Type_CC

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/2G1 1	2	120	109	0.93	0.93	1	0.99	1.7	9	0
FT55W/2G1 1	2	277	109	0.4	0.92	1	0.98	1.7	7	0
FT50W/2G1 1	2	120	112	1.0	0.9	1	0.99	1.7	9	0
FT50W/2G1 1	2	277	112	0.43	0.9	1	0.98	1.7	8	0
F58T8	2	120	107	0.94			0.99	1.7	9	-20
F58T8	2	277	107	0.4			0.98	1.7	8	-20
F54T5/HO	2	120	114	1.02	1.0	1	0.99	1.7	8	-20
F54T5/HO	2	277	114	0.44	1.0	1	0.98	1.7	8	-20
F54T5/WM	3	277	165	0.63	1.02	1	0.99	1.7	5	-20
F54T5/WM	4	277	211	0.78	1.01	0	0.99	1.7	4	-20
F54T5/WM	2	277	109	0.41	1.04	1	0.98	1.7	7	-20
F54T5/WM	4	120	216	1.89	1.04	0	0.99	1.7	6	-20
F54T5/WM	3	120	168	1.49	1.03	1	0.99	1.7	7	-20
F54T5/WM	2	120	109	0.96	1.03	1	0.99	1.7	9	-20
FT55W/2G1 1	3	277	162	0.62	0.91	1	0.99	1.7	5	0
FT55W/2G1 1	3	120	165	1.47	0.91	1	0.99	1.7	7	0
FT55W/2G1 1	4	277	210	0.77	0.92	0	0.99	1.7	4	0
FT55W/2G1 1	4	120	215	1.87	0.91	0	0.99	1.7	6	0
FT50W/2G1 1	3	277	170	0.66	0.9	1	0.99	1.7	5	0
FT50W/2G1 1	4	277	219	0.83	0.9	0	0.99	1.7	4	0
FT50W/2G1 1	3	120	172	1.57	0.89	1	0.99	1.7	7	0
FT50W/2G1 1	4	120	224	2.01	0.89	0	0.99	1.7	6	0
F54T5/HO	3	120	174	1.59	0.99	1	0.99	1.7	7	-20
F54T5/HO	3	277	171	0.66	1.01	1	0.99	1.7	5	-20
F54T5/HO	4	120	227	2.02	0.99	0	0.99	1.7	6	-20
F58T8	3	277	161	0.61			0.99	1.7	6	-20
F58T8	3	120	164	1.44			0.99	1.7	7	-20
F58T8	4	120	213	1.85			0.99	1.7	6	-20
F58T8	4	277	208	0.77			0.99	1.7	4	-20
F54T5/47W	2	120	105	0.92	1.0	1	0.99	1.7	9	-20
F54T5/47W	3	120	162	1.44	1.0	1	0.99	1.7	7	-20
F54T5/47W	3	277	160	0.61	1.0	1	0.99	1.7	6	-20
F54T5/47W	2	277	105	0.39	1.0	1	0.98	1.7	7	-20
F54T5/47W	4	120	208	1.83	1.0	0	0.99	1.7	4	-20
F54T5/47W	4	277	204	0.76	1.0	0	0.99	1.7	4	-20

F54T5/HO	4	277	222	0.84	1.0	0	0.99	1.7	4	-20
F54T5/49W	2	120	109	0.92	1.05	1	0.99	1.7	9	-20
F54T5/49W	2	277	109	0.39	1.03	1	0.98	1.7	7	-20
F54T5/49W	3	120	166	1.44	1.04	1	0.99	1.7	7	-20
F54T5/49W	3	277	164	0.61	1.03	1	0.99	1.7	5	-20
F54T5/49W	4	120	215	1.83	1.04	0	0.99	1.7	6	-20
F54T5/49W	4	277	210	0.76	1.03	0	0.99	1.7	4	-20



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