



GE
Lighting

62731 - GE454PS347-E

GE LFL UltraStart® UltraStart®T5 Watt-Miser Electronic Ballast

- High Efficiency T5 ballast with Continuous Cathode Cutout Technology
- Lower Maintenance Costs with Parallel Lamp Operation
- Fast Starting Time <700ms
- 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 to 1 - F54T5HO 347V Program Start Electronic Ballast LFL Electronic Program / Rapid Start Ballast
Category	Linear Fluorescent
Starting Method	Programmed Rapid Start
Lamp Wiring	Parallel
Line Voltage Regulation (+/-) (NOM)	10.0 %
Case Temperature (MAX)	70.0 °C
Power Factor Correction	Active
Sound Rating	A (20-24 decibels)
Enclosure Type	Metal Can
Additional Info	Lamp End-of-Life Safety Shutdown Circuit / Auto-restart / Anti-striation control

PRODUCT INFORMATION

Product Code	62731
Description	GE454PS347-E
Standard Package	Standard Pack
Standard Package GTIN	
Standard Package Quantity	8
Sales Unit	Standard Pack
No Of Items Per Sales Unit	1
No Of Items Per Standard	8
Package	
UPC	043168627313

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)		2.5 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)
Blue	2	Right	34 (864 mm)
Blue/White	2	Right	34 (864 mm)
Red	2	Right	34 (864 mm)
Red/White	2	Right	34 (864 mm)
Yellow	2	Right	35 (889 mm)

ELECTRICAL CHARACTERISTICS

Supply Current Frequency (MIN)	50.0 Hz
Supply Current Frequency (NOM)	60.0 Hz

SAFETY & PERFORMANCE

- Meets ANSI Standard C82.11-Cons 2002
- Meets ANSI Standard C62.41-1991
- Meets ANSI Standard C62.41-2002
- FCC Part 18 (Class A) for EMI and RFI Non-Consumer Limits
- No PCB's
- UL Class P
- UL Type 1 Outdoor
- UL Type CC
- UL Type HL
- High Temperature Rated: Suitable for high temperature applications
- UL 55C Ambient Approved
- 70C max case temp 5 yr warranty or 90C max case temp 3 yr warranty
- Product is compliant with material restriction requirements of RoHS

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	2	347	123	0.37 A		1.63	99	1.4	7.0	0.0 °F / NaN
FT55W/4P	1	347	68	0.22 A		1.47	92	1.4	19.0	0.0 °F / NaN
FT55W/4P	3	347	173	0.51 A	0.91	1.73	99	1.4	5.0	0.0 °F / NaN
FT55W/4P	4	347	221	0.66 A	0.86	1.81	99	1.4	5.0	0.0 °F / NaN
FT50W/4P	2	347	126	0.37 A		1.59	99	1.4	6.0	0.0 °F / NaN
FT50W/4P	1	347	68	0.22 A		1.47	94	1.4	16.0	0.0 °F / NaN
FT50W/4P	3	347	177	0.53 A	1.11	1.69	99	1.4	5.0	0.0 °F / NaN
FT50W/4P	4	347	227	0.68 A	1.06	1.76	99	1.4	5.0	0.0 °F / NaN
F58T8	2	347	117	0.35 A	0.96	1.71	99	1.4	6.0	-22.0 °F / NaN
F58T8	1	347	65	0.2 A	1.12	1.54	97	1.4	9.0	-22.0 °F / NaN
F58T8	3	347	164	0.49 A	0.99	1.83	99	1.4	5.0	-22.0 °F / NaN
F58T8	4	347	209	0.62 A	0.95	1.91	99	1.4	5.0	-22.0 °F / NaN
F54T5/WM	2	347	121	0.36 A	0.96	1.65	99	1.4	6.0	0.0 °F / NaN
F54T5/WM	1	347	66	0.21 A	1.12	1.52	94	1.4	14.0	0.0 °F / NaN
F54T5/WM	3	347	171	0.51 A	1.01	1.75	99	1.4	5.0	0.0 °F / NaN
F54T5/WM	4	347	219	0.65 A	1.00	1.83	99	1.4	5.0	0.0 °F / NaN
F54T5/HO	2	347	125	0.37 A	0.96	1.60	99	1.4	7.0	-22.0 °F / NaN
F54T5/HO	1	347	68	0.21 A	1.12	147.00	94	1.4	16.0	-22.0 °F / NaN
F54T5/HO	3	347	176	0.53 A	1.01	1.70	99	1.4	5.0	-22.0 °F / NaN
F54T5/HO	4	347	229	0.68 A	1.00	1.75	99	1.4	5.0	-22.0 °F / NaN
F54T5/47W	2	347	117	0.35 A	1.06	1.71	99	1.4	6.0	0.0 °F / NaN
F54T5/47W	1	347	65	0.2 A	1.08	1.54	97	1.4	10.0	0.0 °F / NaN
F54T5/47W	3	347	161	0.48 A	1.04	1.86	99	1.4	5.0	0.0 °F / NaN
F54T5/47W	4	347	206	0.63 A	1.00	1.94	99	1.4	5.0	0.0 °F / NaN

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.