

**Presented By:** iLightDepot/GELightingDepot  
**Contact Phone:** 513-272-0800  
**Contact E-mail:** sales@ilightdepot.com

**Customer Name:**  
**Project Name:**  
**Fixture Type:**

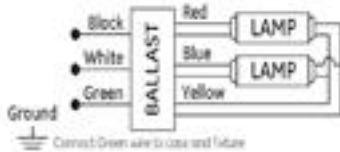
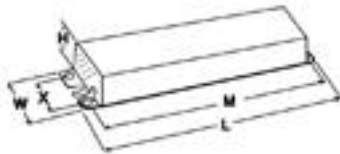


**GE**  
**Lighting**

**99653 - GE228MVPSH-A**

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
- UltraCool™ Operation 90C case rating
- Anti-Striation Control for better light quality, with no striations.



**GENERAL CHARACTERISTICS**

Application	2 or 1 - F14-F35HE 120 to 277 UltraStart PRS High Light 1.15 BF A 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	High (1.18)
Power Factor Correction	Active
Sound Rating	A (20-24 decibels)
Enclosure Type	Metal
Additional Info	Auto-restart/End of Life Protection (EOL)/Thermally protected/Universal voltage

**PRODUCT INFORMATION**

Product Code	99653
Description	GE228MVPSH-A
Standard Package	Case
Standard Package GTIN	10043168996539
Standard Package Quantity	10
Sales Unit	Standard Pack
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	10
UPC	043168996532

**DIMENSIONS**

<b>Case dimensions</b>			
Length (L)		9.5 in(241.30 mm)	
Width (W)		1.7 in(43.18 mm)	
Height (H)		1.2 in(30.48 mm)	
<b>Mounting dimensions</b>			
Bracket Length (BL)		NaN in(NaN mm)	
Mount Length (M)		8.9 in(226.06 mm)	
Mount Width (X or F)		NaN in(NaN mm)	
Mount Slots (MS)		0.2 in(6.35 mm)	
Weight		1.49 lb	
Exit Type		Side	
Remote Mounting Distance		8.0 ft	
Remote Mounting Wire Gauge		18.0 AWG	
Lead lengths	Qty	Exit	Length (± 1 in.)
Green	1	Left/Right	3.5 (89mm)
White	1	Left/Right	25.0 (635mm)
Black	1	Left/Right	25.0 (635mm)
Blue	2	Left/Right	34.0 (864mm)
Red	2	Left/Right	34.0 (864mm)
Yellow	2	Left/Right	45 (1143mm)

**ELECTRICAL CHARACTERISTICS**

Supply Current Frequency 50.0 Hz/60.0 Hz

**SAFETY & PERFORMANCE**

- CSA
- 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

**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)
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F28T5/WM	1	120	43	0.36 A	1.22	2.84	99	1.5	9.0	5.0 °F / NaN
F28T5/WM	1	277	43	0.17 A	1.22	2.84	92	1.5	9.0	5.0 °F / NaN
F28T5/WM	2	120	68	0.57 A	1.16	1.71	99	1.5	9.0	5.0 °F / NaN
F28T5/WM	2	277	67	0.25 A	1.16	1.73	96	1.5	10.0	5.0 °F / NaN
F28T5/HL	1	120	45	0.37 A	1.21	2.69	99	1.5	9.0	5.0 °F / NaN
F28T5/HL	1	277	45	0.17 A	1.21	2.69	93	1.5	9.0	5.0 °F / NaN
F28T5/HL	2	120	72	0.6 A	1.16	1.61	99	1.6	9.0	5.0 °F / NaN
F28T5/HL	2	277	70	0.25 A	1.16	1.66	97	1.6	10.0	5.0 °F / NaN
F28T5/HE	1	120	45	0.37 A	1.21	2.69	99	1.5	9.0	5.0 °F / NaN
F28T5/HE	1	277	45	0.17 A	1.21	2.69	93	1.5	9.0	5.0 °F / NaN
F28T5/HE	2	277	70	0.25 A	1.16	1.66	97	1.6	10.0	5.0 °F / NaN
F28T5/HE	2	120	72	0.6 A	1.16	1.61	99	1.6	9.0	5.0 °F / NaN
F21T5/WM	1	120	34	0.29 A	1.25	3.68	99	1.5	9.0	5.0 °F / NaN
F21T5/WM	1	277	34	0.15 A	1.25	3.68	86	1.5	9.0	5.0 °F / NaN
F21T5/WM	2	120	54	0.45 A	1.17	2.17	99	1.5	9.0	5.0 °F / NaN
F21T5/WM	2	277	53	0.21 A	1.17	2.21	95	1.5	8.0	5.0 °F / NaN
F21T5/HE	1	120	36	0.3 A	1.24	3.44	99	1.5	10.0	5.0 °F / NaN
F21T5/HE	1	277	36	0.14 A	1.24	3.44	90	1.5	10.0	5.0 °F / NaN
F21T5/HE	2	120	57	0.47 A	1.17	2.05	99	1.5	8.0	5.0 °F / NaN
F21T5/HE	2	277	56	0.21 A	1.17	2.09	95	1.5	8.0	5.0 °F / NaN
F14T5/WM	1	120	25	0.21 A	1.26	5.04	99	1.5	9.0	5.0 °F / NaN
F14T5/WM	1	277	25	0.12 A	1.26	5.04	78	1.5	9.0	5.0 °F / NaN
F14T5/WM	2	120	38	0.32 A	1.17	3.08	99	1.5	10.0	5.0 °F / NaN
F14T5/WM	2	277	38	0.15 A	1.17	3.08	91	1.5	10.0	5.0 °F / NaN
F14T5/HE	1	120	26	0.22 A	1.28	4.92	99	1.7	10.0	5.0 °F / NaN
F14T5/HE	1	277	26	0.12 A	1.28	4.92	81	1.5	9.0	5.0 °F / NaN
F14T5/HE	2	120	40	0.34 A	1.18	2.95	99	1.5	9.0	5.0 °F / NaN
F14T5/HE	2	277	40	0.16 A	1.18	2.95	92	1.5	9.0	5.0 °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.