

Presented By: BallastShop
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Customer Name:
Project Name:
Fixture Type:

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 (+/-)
(NOM) 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 10
Package
UPC 043168996532

DIMENSIONS

Case dimensions
Length (L) 9.5 in(241.30 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) 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 (NOM) 1.49 lb
Exit Type Side
Remote Mounting Distance 8.0 ft
(NOM)
Remote Mounting Wire Gauge 18.0 AWG
(NOM)
Lead lengths Qty Exit Length (± 1 in.)
Black 1 Left/Right 25.0 (635 mm)
Green 1 Left/Right 3.5 (89 mm)
White 1 Left/Right 25.0 (635 mm)
Blue 2 Left/Right 34.0 (864 mm)
Red 2 Left/Right 34.0 (864 mm)
Yellow 2 Left/Right 45 (1143 mm)

ELECTRICAL CHARACTERISTICS

Supply Current Frequency 50.0 Hz / 60.0 Hz
(NOM)

SAFETY & PERFORMANCE

- CSA
- FCC - CLASS A Non-Consumer
- UL Class P
- UL Listed
- UL Type 1 Outdoor
- UL Type CC
- UL Type HL
- 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
- 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)
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.