

**Presented By:** iLightDepot  
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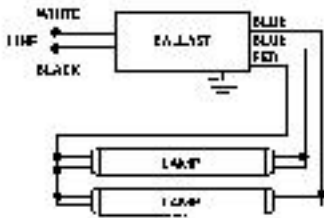
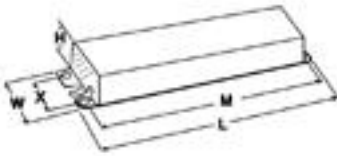
**Customer Name:**  
**Project Name:**  
**Fixture Type:**



## 71421 - GE232MAX-N+

GE LFL UltraMax™ Electronic High Efficiency Multivolt Instant Start Ballast

- Energy saving high efficiency instant start electronic ballast (> 90%)
- Multi-Voltage Technology handles voltage from 120 to 277V
- UL Type CC Rating provides protection against arcing in electrical devices.
- Anti-Striation Control for better light quality, with no striations.
- Cold temperature -20F Minimum Starting Temperature



### GENERAL CHARACTERISTICS

|                               |   |
|-------------------------------|---|
| Application                   | 2 or 1- F32T8 120 to 277 "N+"<br>1.0 BF                 |
| Category                      | Linear Fluorescent                                      |
| Ballast Type                  | Electronic - High Efficiency<br>Multivolt Instant Start |
| Starting Method               | Instant start   |
| Lamp Wiring                   | Parallel  |
| Line Voltage Regulation (+/-) | 10.0 %  |
| Case Temperature (MAX)        | 70.0 °C   |
| Ballast Factor                | Normal-High (1.0)                                       |
| Power Factor Correction       | Active  |
| Sound Rating                  | A (20-24 decibels)                                      |
| Additional Info               | Anti-striation control/Auto-restart/Thermally protected |

### PRODUCT INFORMATION

|                                  |                |
|----------------------------------|----------------|
| Product Code                     | 71421          |
| Description                      | GE232MAX-N+    |
| Standard Package                 | Case           |
| Standard Package GTIN            | 10043168714218 |
| Standard Package Quantity        | 10             |
| Sales Unit                       | Standard Pack  |
| No Of Items Per Sales Unit       | 1              |
| No Of Items Per Standard Package | 10             |
| UPC                              | 043168714211   |

### DIMENSIONS

|                            |                   |       |                  |
|----------------------------|-------------------|-------|------------------|
| Case dimensions            |                   |       |                  |
| Length (L)                 | 9.5 in(241.30 mm) |       |                  |
| Width (W)                  | 1.3 in(33.02 mm)  |       |                  |
| Height (H)                 | 1.2 in(30.48 mm)  |       |                  |
| Mounting dimensions        |                   |       |                  |
| Bracket Length (BL)        | NaN in(NaN mm)    |       |                  |
| Mount Length (M)           | 9.0 in(228.60 mm) |       |                  |
| Mount Width (X or F)       | 0.9 in(22.10 mm)  |       |                  |
| Mount Slots (MS)           | 0.3 in(8.20 mm)   |       |                  |
| Weight                     | 1.1 lb            |       |                  |
| Exit Type                  | Side              |       |                  |
| Remote Mounting Distance   | 18.0 ft           |       |                  |
| Remote Mounting Wire Gauge | 18.0 AWG          |       |                  |
| Lead lengths               | Qty               | Exit  | Length (± 1 in.) |
| Black                      | 1                 | Left  | 25 (635mm)       |
| Red                        | 1                 | Right | 37 (940mm)       |
| White                      | 1                 | Left  | 25 (635mm)       |
| Blue                       | 2                 | Right | 31 (787mm)       |

### ELECTRICAL CHARACTERISTICS

Supply Current Frequency 50.0 Hz/60.0 Hz

### SAFETY & PERFORMANCE

- cUL Listed
- FCC - CLASS A Non-Consumer
- NRCan
- UL Class P
- UL Listed
- UL Type 1 Outdoor
- UL Type CC
- UL Type HL
- RoHs Compliant
- NEMA Premium®
- 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) |
|--------|------------|------------|--------------|-------------------|-----------------------|-------------------------|------------------------|--------------|-----------|----------------------------|
| FE15T8 | 1          | 120        | 21           | 0.17 A            | 1.35                  | 6.43                    | 98                     | 1.4          | 10.0      | -22.0 °F /<br>NaN          |
| FE15T8 | 1          | 277        | 21           | 0.09 A            | 1.35                  | 6.43                    | 82                     | 1.4          | 13.0      | -22.0 °F /<br>NaN          |

|           |   |     |    |        |      |      |    |     |      |                   |
|-----------|---|-----|----|--------|------|------|----|-----|------|-------------------|
| FE15T8    | 2 | 120 | 28 | 0.24 A | 1.04 | 3.71 | 99 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| FE15T8    | 2 | 277 | 28 | 0.12 A | 1.04 | 3.71 | 88 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F40T8     | 1 | 120 | 47 | 0.39 A |      |      | 99 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F40T8     | 1 | 277 | 47 | 0.18 A |      |      | 94 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F32T8/WM  | 1 | 120 | 37 | 0.31 A | 1.17 | 3.16 | 99 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F32T8/WM  | 1 | 277 | 37 | 0.14 A | 1.17 | 3.16 | 92 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F32T8/WM  | 2 | 120 | 59 | 0.49 A | 1.00 | 1.69 | 99 | 1.4 | 10.0 | 50.0 °F /<br>NaN  |
| F32T8/WM  | 2 | 277 | 58 | 0.22 A | 1.00 | 1.72 | 96 | 1.4 | 10.0 | 50.0 °F /<br>NaN  |
| F32T8/25W | 1 | 120 | 32 | 0.27 A | 1.20 | 3.75 | 99 | 1.4 | 10.0 | 60.0 °F /<br>NaN  |
| F32T8/25W | 1 | 277 | 32 | 0.13 A | 1.20 | 3.75 | 91 | 1.4 | 10.0 | 60.0 °F /<br>NaN  |
| F32T8/25W | 2 | 120 | 46 | 0.0 A  | 1.01 | 2.20 | 99 | 1.4 | 10.0 | 60.0 °F /<br>NaN  |
| F32T8/25W | 2 | 277 | 46 | 0.0 A  | 1.01 | 2.20 | 98 | 1.4 | 10.0 | 60.0 °F /<br>NaN  |
| F32T8     | 1 | 120 | 38 | 0.32 A | 1.20 | 3.16 | 99 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F32T8     | 1 | 277 | 38 | 0.16 A | 1.20 | 3.16 | 92 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F32T8     | 2 | 120 | 62 | 0.51 A | 1.00 | 1.61 | 99 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F32T8     | 2 | 277 | 61 | 23.0 A | 1.00 | 1.64 | 96 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F28T8     | 1 | 120 | 34 | 0.29 A | 1.20 | 3.53 | 99 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F28T8     | 1 | 277 | 34 | 0.14 A | 1.20 | 3.53 | 91 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F28T8     | 2 | 120 | 55 | 0.46 A | 1.00 | 1.82 | 99 | 1.4 | 10.0 | 50.0 °F /<br>NaN  |
| F28T8     | 2 | 277 | 54 | 0.2 A  | 1.00 | 1.85 | 96 | 1.4 | 10.0 | 50.0 °F /<br>NaN  |
| F25T8     | 1 | 120 | 32 | 0.27 A | 1.22 | 3.81 | 99 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F25T8     | 1 | 277 | 31 | 0.13 A | 1.22 | 3.94 | 90 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F25T8     | 2 | 120 | 50 | 0.42 A | 1.02 | 2.04 | 99 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F25T8     | 2 | 277 | 49 | 0.19 A | 1.02 | 2.08 | 95 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F25T12    | 1 | 120 | 33 | 0.28 A | 1.25 | 3.79 | 99 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F25T12    | 1 | 277 | 33 | 0.13 A | 1.26 | 3.82 | 91 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F25T12    | 2 | 120 | 52 | 0.44 A | 1.02 | 1.96 | 99 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F25T12    | 2 | 277 | 52 | 0.2 A  | 1.02 | 1.96 | 95 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F17T8     | 1 | 120 | 25 | 0.21 A | 1.26 | 5.04 | 99 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F17T8     | 1 | 277 | 25 | 0.11 A | 1.26 | 5.04 | 86 | 1.4 | 11.0 | -22.0 °F /<br>NaN |
| F17T8     | 2 | 120 | 35 | 0.3 A  | 1.00 | 2.86 | 99 | 1.4 | 10.0 | -22.0 °F /<br>NaN |
| F17T8     | 2 | 277 | 35 | 0.14 A | 1.00 | 2.86 | 92 | 1.4 | 10.0 | -22.0 °F /<br>NaN |

## CAUTIONS & WARNINGS

### Warning

- Risk of Electric Shock
  - Properly ground ballast and fixture.
  - Turn power off before servicing--see instructions.

## 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.