



GE
Lighting

74093 - GE232MAX347-N

GE LFL UltraMax™ Electronic High Efficiency Multivolt Instant Start Ballast

- Energy saving high efficiency instant start electronic ballast (> 90%)
- Instant start ballast for long lamp starting cycles and low initial cost
- Anti-Striation Control for better light quality, with no striations.
- Cold temperature -20F Minimum Starting Temperature
- Light-weight, Low Profile Housing
- Parallel lamp operation means system maintenance is easier to manage

GENERAL CHARACTERISTICS

| | |
|-------------------------------------|---|
| Application | 2 or 1- F32T8 347V "N" .87 BF UltraMax |
| Category | Linear Fluorescent |
| Ballast Type | Electronic - High Efficiency Multivolt Instant Start |
| Starting Method | Instant start |
| Lamp Wiring | Parallel |
| Line Voltage Regulation (+/-) (NOM) | 10.0 % |
| Case Temperature (MAX) | 70.0 °C |
| Ballast Factor | Normal |
| Power Factor Correction | Active |
| Sound Rating | A (20-24 decibels) |
| Enclosure Type | Metal Can |
| Additional Info | Anti-striation control / Auto-restart / Inherent thermal protection |

PRODUCT INFORMATION

| | |
|----------------------------------|----------------|
| Product Code | 74093 |
| Description | GE232MAX347-N |
| Standard Package | Case |
| Standard Package GTIN | 10043168740934 |
| Standard Package Quantity | 10 |
| Sales Unit | Standard Pack |
| No Of Items Per Sales Unit | 1 |
| No Of Items Per Standard Package | 10 |
| UPC | 043168740937 |

DIMENSIONS

| | | | |
|----------------------------------|-----|-------|--------------------|
| Case dimensions | | | |
| Length (L) | | | 9.5 in(241.30 mm) |
| Width (W) | | | 1.3 in(33.02 mm) |
| Height (H) | | | 1.2 in(29.97 mm) |
| Mounting dimensions | | | |
| Bracket Length (BL) | | | NaN in(NaN mm) |
| Mount Length (M) | | | 8.9 in(226.06 mm) |
| Mount Width (X or F) | | | 1.1 in(27.94 mm) |
| Mount Slots (MS) | | | 0.3 in(7.62 mm) |
| Weight (NOM) | | | 1.04 lb |
| Exit Type | | | Side |
| Remote Mounting Distance (NOM) | | | 18.0 ft |
| Remote Mounting Wire Gauge (NOM) | | | 18.0 AWG |
| Lead lengths | Qty | Exit | Length (± 1 in.) |
| Black | 1 | Left | 25 (635 mm) |
| Red | 1 | Right | 45 (1143 mm) |
| White | 1 | Left | 25 (635 mm) |
| Blue | 2 | Right | 31 (787 mm) |

SAFETY & PERFORMANCE

- CSA
- Meets ANSI Standard C82.11-Cons 2002
- Meets ANSI Standard C62.41-1991
- NEMA Premium®
- Type HL
- Meets ICES-005 for EMI and RFI
- Type 1 Outdoor
- 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) |
|-----------|------------|------------|--------------|-------------------|-----------------------|-------------------------|--------------------|-------------------|-----------|----------------------------|
| FE15T8 | 1 | 347 | 16 | 0.06 A | 0.88 | 5.50 | 77 | 1.7 | 69.0 | -22.0 °F / NaN |
| FE15T8 | 2 | 347 | 24 | 0.08 A | 0.76 | 3.17 | 89 | 1.6 | 32.0 | -22.0 °F / NaN |
| F32T8/WM | 1 | 347 | 32 | 0.09 A | 1.02 | 3.19 | 97 | 1.5 | 8.0 | 60.0 °F / NaN |
| F32T8/WM | 2 | 347 | 50 | 0.15 A | 0.86 | 1.72 | 99 | 1.6 | 5.0 | 60.0 °F / NaN |
| F32T8/25W | 2 | 347 | 42 | | 0.84 | 2.00 | 99 | 1.6 | 6.0 | 60.0 °F / NaN |

| | | | | | | | | | | |
|----------|---|-----|----|--------|------|------|----|-----|------|-------------------|
| F32T8 | 1 | 347 | 34 | 0.1 A | 1.02 | 3.00 | 97 | 1.5 | 8.0 | -22.0 °F / NaN |
| F32T8 | 2 | 347 | 53 | 0.15 A | 0.87 | 1.64 | 99 | 1.6 | 5.0 | -22.0 °F / NaN |
| F28T8 | 1 | 347 | 30 | 0.09 A | 1.01 | 3.37 | 97 | 1.6 | 10.0 | 60.0 °F / NaN |
| F28T8 | 2 | 347 | 46 | 0.14 A | 0.84 | 1.83 | 99 | 1.6 | 6.0 | 60.0 °F / NaN |
| F25T8/WM | 2 | 347 | 35 | | 0.88 | 2.51 | 98 | 1.6 | 6.0 | 60.0 °F / NaN |
| F25T8 | 1 | 347 | 26 | 0.08 A | 1.03 | 3.96 | 90 | 1.5 | 24.0 | -22.0 °F / NaN |
| F25T8 | 2 | 347 | 41 | 0.12 A | 0.88 | 2.15 | 98 | 1.6 | 6.0 | -22.0 °F / NaN |
| F25T12 | 1 | 347 | 29 | 0.09 A | 1.08 | 3.72 | 96 | 1.5 | 10.0 | -22.0 °F / NaN |
| F25T12 | 2 | 347 | 44 | 0.13 A | 0.89 | 2.02 | 99 | 1.6 | 6.0 | -22.0 °F / NaN |
| F17T8/WM | 2 | 347 | 25 | | 0.83 | 3.32 | 97 | 1.6 | 10.0 | 60.0 °F / NaN |
| F17T8 | 1 | 347 | 20 | 0.07 A | 0.98 | 4.90 | 82 | 1.6 | 47.0 | -22.0 °F / NaN |
| F17T8 | 2 | 347 | 30 | 0.09 A | 0.83 | 2.77 | 97 | 1.6 | 10.0 | -22.0 °F / NaN |

NOTES

- For 1 lamp application, cap unused blue lead, insulate for 600 Vrms

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.