



T8 Instant-Start Dedicated Voltage N – Normal Light Output

GE ProLine® high-performance electronic ballasts operate with 2-foot through 8-foot T8 lamps. GE ProLine® electronic ballasts provide low ballast losses and high-frequency lamp operation, resulting in up to 22–34% energy savings compared to standard F40T12 magnetic lamp and ballast systems.

ProLine® normal ballast-factor ballasts are designed with a .87 ballast factor to match light output of traditional F40T12 electromagnetic systems. ProLine® ballasts are only

1.18" in height, which allows low-profile fixture designs and easy access for retrofits. ProLine® has parallel lamp circuitry, which guarantees if one lamp fails others remain lit.

You can count on GE to answer your lamp and ballast questions at 1-888-GEBALLAST. Use GE lamps and ballasts as a system to ensure maximum performance and reliability, and receive the benefits of the GE Ultra System Warranty.

Performance Features

- Instant-Start design — Lower cost option vs. Program Start
- Optimizes energy efficiency vs. standard Rapid Start
- Low profile and lightweight housing
- <10% THD exceeds recommended utility and ANSI guidelines for lighting systems
- Parallel operation — If one lamp fails, others remain lit
- Quiet operation
- Operates above 42 kHz — Minimizes interference with infrared remote systems
- Virtually eliminates lamp flickering typical in T12 electromagnetic systems
- Provides high open-circuit voltage starting for maximum performance in low-temperature applications
- Color-coded ballast and packaging labels (120V–Yellow, 277V–Red)
- Remote mounting up to 18 ft. to operate two fixtures with one ballast and flexibility in fixture layout

Applications

- Commercial/Office
- Decorative
- Retail
- Indirect



Benefits of Electronic Systems

| System 2 Lamp @ 120V, 3500K | GE Ballast | BF | Lumens | Watts | LPW | % Savings (W) |
|--|----------------|-----|--------|-------|-----|---------------|
| F34T12 Magnetic Ballast | GEM-240-RS-120 | 84% | 4620 | 73 | 63 | |
| F34T12 MultiVolt ProLine® T12 Electronic | GE-240-RS-MV-N | 87% | 4785 | 63 | 76 | -14% |
| F32T8 ProLine® T8 Electronic | GE-232-120-N | 87% | 4872 | 57 | 85 | -22% |
| F28T8 ProLine® T8 Electronic | GE-232-120-N | 84% | 4620 | 48 | 96 | -34% |

GE ProLine® electronic ballasts with F32T8 lamps provide up to 22% energy savings versus F34T12 systems, and up to 34% savings when used with the UltraMax™ F28T8 lamp. If T12 lamps are used, MultiVolt ProLine® T12 electronic ballasts provide up to 14% energy savings by simply changing the ballast.



Specifications: ProLine®

| Product Code: 10 Pack | Product Code: Pallet Pack | Description | GE Lamp Designation | Number of Lamps | Line Voltage | System Wattage (Watts) | Nominal Current (Amps) | System Ballast Factor | Ballast Efficacy Factor |
|-----------------------|---------------------------|--------------|---------------------|-----------------|--------------|------------------------|------------------------|-----------------------|-------------------------|
| 23680 | 24161 | GE-132-120-N | F32T8 | 1 | 120 | 30 | 0.26 | 0.87 | 2.90 |
| 23681 | 24162 | GE-132-277-N | F32T8 | 1 | 277 | 30 | 0.12 | 0.87 | 2.90 |
| 23671 | 24163 | GE-232-120-N | F32T8 | 2 | 120 | 57 | 0.49 | 0.87 | 1.53 |
| 23672 | 24164 | GE-232-277-N | F32T8 | 2 | 277 | 57 | 0.22 | 0.87 | 1.53 |
| 23673 | 24165 | GE-332-120-N | F32T8 | 3 | 120 | 85 | 0.73 | 0.87 | 1.02 |
| 23674 | 21466 | GE-332-277-N | F32T8 | 3 | 277 | 84 | 0.31 | 0.87 | 1.04 |
| 23675 | 24167 | GE-432-120-N | F32T8 | 4 | 120 | 113 | 0.97 | 0.87 | 0.77 |
| 23676 | 24168 | GE-432-277-N | F32T8 | 4 | 277 | 110 | 0.41 | 0.87 | 0.79 |
| 23680 | 24161 | GE-132-120-N | F32T8/WM | 1 | 120 | 28 | 0.24 | 0.86 | 3.07 |
| 23681 | 24162 | GE-132-277-N | F32T8/WM | 1 | 277 | 28 | 0.11 | 0.86 | 3.07 |
| 23671 | 24163 | GE-232-120-N | F32T8/WM | 2 | 120 | 53 | 0.45 | 0.86 | 1.62 |
| 23672 | 24164 | GE-232-277-N | F32T8/WM | 2 | 277 | 53 | 0.20 | 0.86 | 1.62 |
| 23673 | 24165 | GE-332-120-N | F32T8/WM | 3 | 120 | 79 | 0.68 | 0.86 | 1.09 |
| 23674 | 24166 | GE-332-277-N | F32T8/WM | 3 | 277 | 78 | 0.29 | 0.86 | 1.10 |
| 23675 | 24167 | GE-432-120-N | F32T8/WM | 4 | 120 | 105 | 0.90 | 0.86 | 0.82 |
| 23676 | 24168 | GE-432-277-N | F32T8/WM | 4 | 277 | 102 | 0.38 | 0.86 | 0.84 |
| 23680 | 24161 | GE-132-120-N | F28T8 | 1 | 120 | 25 | 0.22 | 0.84 | 3.36 |
| 23681 | 24162 | GE-132-277-N | F28T8 | 1 | 277 | 26 | 0.97 | 0.84 | 3.23 |
| 23671 | 24163 | GE-232-120-N | F28T8 | 2 | 120 | 48 | 0.41 | 0.84 | 1.75 |
| 23672 | 24164 | GE-232-277-N | F28T8 | 2 | 277 | 48 | 0.18 | 0.84 | 1.75 |
| 23673 | 24165 | GE-332-120-N | F28T8 | 3 | 120 | 72 | 0.62 | 0.84 | 1.17 |
| 23674 | 24166 | GE-332-277-N | F28T8 | 3 | 277 | 70 | 0.26 | 0.84 | 1.20 |
| 23675 | 24167 | GE-432-120-N | F28T8 | 4 | 120 | 96 | 0.81 | 0.84 | 0.88 |
| 23676 | 24168 | GE-432-277-N | F28T8 | 4 | 277 | 93 | 0.35 | 0.84 | 0.90 |
| 23680 | 24161 | GE-132-120-N | F25T8 | 1 | 120 | 24 | 0.21 | 0.87 | 3.63 |
| 23681 | 24162 | GE-132-277-N | F25T8 | 1 | 277 | 25 | 0.10 | 0.87 | 3.48 |
| 23671 | 24163 | GE-232-120-N | F25T8 | 2 | 120 | 45 | 0.38 | 0.87 | 1.93 |
| 23672 | 24164 | GE-232-277-N | F25T8 | 2 | 277 | 45 | 0.17 | 0.87 | 1.93 |
| 23673 | 24165 | GE-332-120-N | F25T8 | 3 | 120 | 67 | 0.58 | 0.87 | 1.30 |
| 23674 | 24166 | GE-332-277-N | F25T8 | 3 | 277 | 65 | 0.24 | 0.87 | 1.34 |
| 23675 | 24167 | GE-432-120-N | F25T8 | 4 | 120 | 87 | 0.74 | 0.87 | 1.00 |
| 23676 | 24168 | GE-432-277-N | F25T8 | 4 | 277 | 85 | 0.32 | 0.87 | 1.02 |
| 23677 | 24169 | GE-259-120-N | F96T8/WM | 2 | 120 | 104 | 0.89 | 0.87 | 0.84 |
| 23678 | 24170 | GE-259-277-N | F96T8/WM | 2 | 277 | 102 | 0.38 | 0.87 | 0.85 |
| 23677 | 24169 | GE-259-120-N | F96T8 | 2 | 120 | 112 | 0.96 | 0.87 | 0.78 |
| 23678 | 24170 | GE-259-277-N | F96T8 | 2 | 277 | 110 | 0.41 | 0.87 | 0.79 |

Specifications

- >98% power factor and <10% THD
- Active Power Factor Correction
- Parallel operation
- Class A sound rating
- Operates above 42 kHz
- Starting temperatures — 0°F for F32T8, 60°F for F30/WM, F28
- Remote mounting up to 18 ft./18 AWG
- UL-Listed (Class P, Type 1 Outdoor, Type HL), CuL, FCC Part 18 Class A
- ANSI C62.41 — 1991 Cat A Transient Surge Protection
- ANSI C82.11 — 1993, Consolidated 2002
- Max Ambient Temperature: 105°F, 40°C
- RoHS compliant — Europe directive on restriction of hazardous substances

Lamp Operation

The GE ProLine® ballast operates the following lamp types:

| | |
|----------|---------------|
| F32T8 | F32T8 U lamps |
| F32T8/WM | F28T8 |
| F25T8 | F17T8 |
| F40T8 | F25T12 |
| F96T8 | F96T8/WM |

The Power Behind the Power

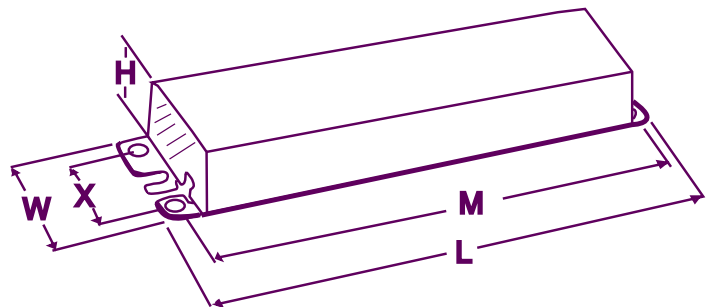
ProLine® electronic ballasts are custom-manufactured to our demanding Six Sigma specifications for dependable performance with 100% burn in all ballasts at the factory to ensure every ballast is ready to go on-site. GE offers the Ultra System Warranty, which guarantees performance when used with GE lamps.

Transforming
the **POWER**
of light™

National Customer Service Center
1-888-GEBALLAST (432-2552)

Packaging

10 Packs/840 Pallet Packs
1.4 lb. each



| Case Dimensions (Inches) | | | Mounting Dimensions (Inches) | | | |
|--------------------------|-------|--------|------------------------------|--------------|-------------|-----------|
| Length | Width | Height | Bracket Length | Mount Length | Mount Width | Mount Slo |
| (L) | (W) | (H) | (BL) | (M) | (X) | (MS) |
| 9.500 | 1.700 | 1.180 | | 8.890 | 1.130 | 0.312 |

Product Code: 85251
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