

# GE Consumer & Industrial Lighting



## T8 Instant-Start 120V Residential Electronic Ballast N – Normal Light Output

GE Resi Proline® electronic ballasts operate T8 lamps from 2 to 4 feet. They provide low ballast losses and high-frequency lamp operation, resulting in up to 27% energy savings compared to standard F40T12 magnetic lamp and ballast systems.

GE Resi-ProLine ballasts feature instant-on flicker free technology and are suitable for any residential and hospitality application where incandescent lighting is typically used. These ballasts are extremely quiet and provide excellent EMI filtering capability to meet FCC Class B (Consumer Limits) EMI and RFI ratings that

significantly reduce potential interference with TVs, computers and other electronic equipment. GE Resi-ProLine ballasts meet performance requirements in the ENERGY STAR Program requirements for residential light fixtures.

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
- Excellent EMI Filtering - Meets FCC Part 18 Consumer Limits (Class B) for EMI and RFI
- Meets the ballast performance requirements in the ENERGY STAR Program Requirements for Residential Light Fixtures, version 4.0. The fixture manufacturer can use the data on this sheet when completing and submitting an ENERGY STAR Qualified Product Information (QPI) form to apply for ENERGY STAR qualification.
- Optimizes energy efficiency vs. standard Rapid Start
- Low profile and lightweight housing
- Normal Power Factor Correction
- Parallel operation — If one lamp fails, others remain lit
- Operates above 42 kHz — Minimizes interference with infrared remote systems
- Virtually eliminates lamp flickering typical in T12 electro-magnetic systems
- Remote mounting up to 18 ft. to operate two fixtures with one ballast and flexibility in fixture layout

### Applications

- Residential
- Hospitality
- Commercial/Office not requiring high power factor
- Applications requiring high EMI filtering to reduce interference with TVs and other electronic equipment



### 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 Resi-ProLine® T8 Electronic	GE232-120-RES	.83	4648	53	88	-27%

GE Resi-ProLine electronic ballasts with F32T8 lamps provide up to 27% energy savings versus F34T12. If T12 lamps are used, MultiVolt Proline T12 electronic ballasts provide up to 14% energy savings by simply changing the ballast.



imagination at work

## Specifications: Resi-ProLine® T8

Product Code: 10 Pack	Product Code: DIY Pack	Description	GE Lamp Designation	Number of Lamps	Input Volts	System Watts	Nominal Current (Amps)	Power Factor	Ballast Factor	THD%	Crest Factor
97782	71037	GE232-120-RES	F32T8	1	120	32	0.55	> .48	.99	< 170%	< 1.7
97782	71037	GE232-120-RES	F32T8	2	120	53	0.81	> .50	.83	< 145%	< 1.7
97783	71038	GE432-120-RES	F32T8	3	120	86	1.38	> .50	.88	< 157%	< 1.7
97783	71038	GE432-120-RES	F32T8	4	120	105	1.62	> .50	.83	< 147%	< 1.7
97782	71037	GE232-120-RES	F32T8/WM	1	120	32	0.54	> .48	.99	< 170%	< 1.7
97782	71037	GE232-120-RES	F32T8/WM	2	120	51	0.79	> .50	.82	< 146%	< 1.7
97783	71038	GE432-120-RES	F32T8/WM	3	120	81	1.29	> .50	.88	< 159%	< 1.7
97783	71038	GE432-120-RES	F32T8/WM	4	120	98	1.50	> .50	.81	< 150%	< 1.7
97782	71037	GE232-120-RES	F28T8	1	120	29	0.50	> .48	.97	< 177%	< 1.7
97782	71037	GE232-120-RES	F28T8	2	120	46	0.72	> .50	.81	< 152%	< 1.7
97783	71038	GE432-120-RES	F28T8	3	120	75	1.23	> .50	.87	< 165%	< 1.7
97783	71038	GE432-120-RES	F28T8	4	120	90	1.42	> .50	.79	< 155%	< 1.7
97782	71037	GE232-120-RES	F25T8	1	120	28	0.48	> .48	1.04	< 178%	< 1.7
97782	71037	GE232-120-RES	F25T8	2	120	43	0.69	> .50	.88	< 155%	< 1.7
97783	71038	GE432-120-RES	F25T8	3	120	68	1.13	> .50	.94	< 167%	< 1.7
97783	71038	GE432-120-RES	F25T8	4	120	83	1.31	> .50	.87	< 158%	< 1.7
97782	71037	GE232-120-RES	F17T8	1	120	20	0.37	> .45	1.03	< 195%	< 1.7
97782	71037	GE232-120-RES	F17T8	2	120	31	0.52	> .49	.88	< 172%	< 1.7
97783	71038	GE432-120-RES	F17T8	3	120	48	0.84	> .47	.93	< 185%	< 1.7
97783	71038	GE432-120-RES	F17T8	4	120	58	0.98	> .48	.86	< 175%	< 1.7

## Specifications

- Normal Power Factor Correction
- 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 B (Consumer Limits) for EMI and RFI
- ANSI C62.41 — 1991 Cat A Transient Surge Protection
- Max Ambient Temperature: 105°F, 40°C
- RoHS compliant — Europe directive on restriction of hazardous substances

## Lamp Operation

The GE Resi-ProLine® ballast operates the following lamp types:

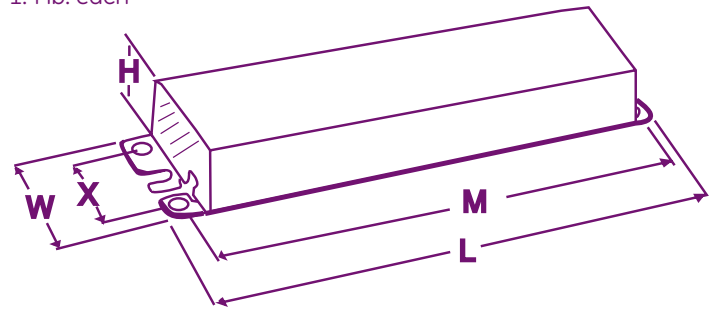
F32T8	F32T8 U lamps
F32T8/WM	F28T8
F25T8	F17T8
F40T8	F25T12
F96T8	F96T8/WM

## The Power Behind the Power

Resi-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.

## Packaging

10 Packs / 10 pack DIY Tray Packs  
1.4 lb. each



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

Transforming  
the **POWER**  
of light™

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

Product Code: 71881  
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