



GE
Lighting

74463 - GE432MAX-G-N (Replaces GE-432-MV-N)

GE UltraMax® General Series T8 Electronic Multivolt Instant Start Ballast

- High performance electronic ballast for all general fluorescent applications
- Instant start electronic ballast for long lamp starting cycles and low initial cost
- Multi-Voltage Technology handles voltage from 120 to 277V
- Light-weight, Low Profile Housing
- Parallel lamp operation means system maintenance is easier to manage
- Anti-striation Control for better light quality, with no striations

GENERAL CHARACTERISTICS

Application	4 or 3- F32T8 120 to 277 "N".87 BF
Category	Linear Fluorescent
Ballast Type	Electronic - Multivolt Instant Start
Starting Method	Instant start
Lamp Wiring	Parallel
Line Voltage Regulation (+/-) (NOM)	10.0 %
Ambient Temperature (MIN)	-22.0 °F
Ambient Temperature (MAX)	104.0 °F (40 °C)
Case Temperature (MAX)	70.0 °C
Ballast Factor	Normal
Power Factor Correction	Active
Sound Rating	A (20-24 decibels)
Additional Info	Auto-restart / Thermally protected / Anti-striation control

PRODUCT INFORMATION

Product Code	74463
Description	GE432MAX-G-N (Replaces GE-432-MV-N)
Standard Package	Case
Standard Package GTIN	10043168744635
Standard Package Quantity	10
Sales Unit	Standard Pack
No Of Items Per Sales Unit	1
No Of Items Per Standard Package	10
UPC	043168744638

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)	1.4 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	25.0 (635 mm)
White	1	Left	25.0 (635 mm)
Blue	2	Right	31 in (NaN mm)
Red	2	Right	31.0 (787 mm)
Yellow	2	Right	47.0 (1194 mm)

ELECTRICAL CHARACTERISTICS

Supply Current Frequency (MIN)	50.0 Hz
Supply Current Frequency (NOM)	60.0 Hz

SAFETY & PERFORMANCE

- cUL Listed
- FCC - CLASS A Non-Consumer
- UL Class P
- UL Listed
- UL Type 1 Outdoor
- UL Type HL
- NEMA Premium®
- 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
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										Temp (°F/ °C)
F40T8	3	120	112	0.99 A			99	1.7	10.0	0.0 °F / NaN
F40T8	3	277	110	0.43 A			98	1.7	10.0	0.0 °F / NaN
F32T8/WM	3	120	86	0.77 A	0.91	1.05	99	1.7	10.0	60.0 °F / NaN
F32T8/WM	3	277	86	0.33 A	0.91	1.06	98	1.7	10.0	60.0 °F / NaN
F32T8/WM	4	120	103	0.9 A	0.83	0.81	99	1.7	10.0	60.0 °F / NaN
F32T8/WM	4	277	103	0.4 A	0.83	0.81	98	1.7	10.0	60.0 °F / NaN
F32T8/25W	3	120	73	0.0 A	0.85	1.16	99		10.0	60.0 °F / NaN
F32T8/25W	3	277	73	0.0 A	0.85	1.16	97		16.0	60.0 °F / NaN
F32T8/25W	4	120	88	0.0 A	0.80	0.91	99		10.0	60.0 °F / NaN
F32T8/25W	4	277	87	0.0 A	0.80	0.92	98		15.0	60.0 °F / NaN
F32T8	3	120	93	0.83 A	0.93	1.00	99	1.7	10.0	0.0 °F / NaN
F32T8	3	277	91	0.36 A	0.93	1.01	98	1.7	10.0	0.0 °F / NaN
F32T8	4	120	113	0.99 A	0.88	0.78	99	1.7	10.0	0.0 °F / NaN
F32T8	4	277	110	0.43 A	0.88	0.80	98	1.7	10.0	0.0 °F / NaN
F28T8	3	120	76	0.68 A	0.85	1.10	99	1.7	10.0	60.0 °F / NaN
F28T8	3	277	76	0.3 A	0.85	1.11	98	1.7	10.0	60.0 °F / NaN
F28T8	4	120	93	0.83 A	0.82	0.88	99	1.7	10.0	60.0 °F / NaN
F28T8	4	277	92	0.36 A	0.82	0.89	98	1.7	10.0	60.0 °F / NaN
F25T8	3	120	72	0.64 A	0.93	1.28	99	1.7	10.0	0.0 °F / NaN
F25T8	4	120	87	0.77 A	0.87	0.99	99	1.7	10.0	0.0 °F / NaN
F25T8	3	277	71	0.28 A	0.93	1.29	98	1.7	10.0	0.0 °F / NaN
F25T8	4	277	86	0.34 A	0.87	1.01	98	1.7	10.0	0.0 °F / NaN
F17T8	3	120	50	0.45 A	0.91	1.80	99	1.7	10.0	0.0 °F / NaN
F17T8	3	277	51	0.2 A	0.91	1.78	97	1.7	10.0	0.0 °F / NaN
F17T8	4	120	60	0.53 A	0.87	1.45	99	1.7	10.0	0.0 °F / NaN
F17T8	4	277	60	0.23 A	0.87	1.44	97	1.7	10.0	0.0 °F / 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.