

# T12 High Output

## T12 Electronic and High Output Ballasts

### 35727 – GE296HO-MVPS-N

T12 High Output ProLine® T12 Multivolt 120V – 277V

2 or 1 – F96T12 HO RS 120 to 277 Multivolt ProLine®

| General characteristics       |                                      |
|-------------------------------|--------------------------------------|
| Ballast Type                  | Electronic – Programmed/ Rapid Start |
| Starting Method               | Rapid start                          |
| Lamp Wiring                   | Series                               |
| Line Voltage Regulation (+/-) | 10%                                  |
| Ambient Temperature (MAX)     | 105°F (41°C)                         |
| Case Temperature (MAX)        | 75°C (167°F)                         |
| Ballast Factor                | Normal                               |
| Power Factor Correction       | Active                               |
| Sound Rating                  | A (20-24 decibels)                   |
| Additional Info               | Auto-restart, Thermally protected    |

| Electrical characteristics |             |
|----------------------------|-------------|
| Supply Current Frequency   | 50 Hz/60 Hz |

| Order information |             |          |         |
|-------------------|-------------|----------|---------|
| Std. pack         | Pallet Pack | DIY Pack | IP Pack |
| 35727             |             | 72109    |         |

| Specifications by lamp and 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) |  |
| F96T12/HO/<br>WM                   | 2          | 120        | 164          | 1.38 A            | 0.90                  | 0.55                    | 99                  | 1.7               | 10        | 60/16                      |  |
|                                    | 2          | 277        | 164          | 0.62 A            | 0.90                  | 0.55                    | 99                  | 1.7               | 10        | 60/16                      |  |
|                                    | 2          | 120        | 196          | 1.65 A            | 0.90                  | 0.46                    | 99                  | 1.7               | 10        | -20/-29                    |  |
| F96T12/HO                          | 2          | 277        | 196          | 0.73 A            | 0.90                  | 0.46                    | 97                  | 1.7               | 10        | -20/-29                    |  |
|                                    | 1          | 120        | 104          | 0.88 A            | 0.92                  | 0.88                    | 99                  | 1.7               | 15        | -20/-29                    |  |
|                                    | 1          | 277        | 104          | 0.42 A            | 0.92                  | 0.88                    | 95                  | 1.7               | 15        | -20/-29                    |  |
| F72T12/HO                          | 2          | 120        | 154          | 1.30 A            | 0.90                  | 0.58                    | 99                  | 1.7               | 10        | -20/-29                    |  |
|                                    | 2          | 277        | 154          | 0.57 A            | 0.90                  | 0.58                    | 96                  | 1.7               | 10        | -20/-29                    |  |
| F70T8                              | 2          | 120        | 120          | 1.17 A            | 0.90                  | 0.75                    | 99                  | 1.7               | 10        | -20/-29                    |  |
|                                    | 2          | 277        | 119          | 0.52 A            | 0.90                  | 0.76                    | 97                  | 1.7               | 10        | -20/-29                    |  |
| F60T12/HO                          | 2          | 120        | 132          | 0.50 A            | 0.90                  | 0.68                    | 96                  | 1.7               | 10        | -20/-29                    |  |
|                                    | 2          | 277        | 132          | 0.50 A            | 0.90                  | 0.68                    | 96                  | 1.7               | 10        | -20/-29                    |  |
| F48T12/HO                          | 2          | 120        | 112          | 0.95 A            | 0.90                  | 0.80                    | 99                  | 1.7               | 15        | -20/-29                    |  |
|                                    | 2          | 277        | 113          | 0.43 A            | 0.90                  | 0.80                    | 95                  | 1.7               | 15        | -20/-29                    |  |

#### Safety and performance

cUL Listed  UL Listed FCC Part 18 (Class A) Non Consumer

| Dimensions  |                   |
|---|-------------------|
| Wiring diagram – LFL PS2 – see example on page 14-6 |                   |
| Case dimensions – Ref Drawing SL – see page 14-7    |                   |
| Length (L)  | 11.75 in (299 mm) |
| Width (W)   | 2.15 in (55 mm)   |
| Height (H)  | 1.61 in (41 mm)   |
| Mounting dimensions                                 |                   |
| Mount Length (M)                                    | 11.0 in (279 mm)  |
| Mount Width (X or F)                                | 2.15 in (55 mm)   |
| Mount Slots (MS)                                    |                   |
| Weight  |                   |
| Exit Type   | Side              |
| Remote Mounting Distance to Lamp*                   |                   |
| Remote Mounting Wire Gauge                          |                   |

\* See gelighting.com for wire lengths. Different for 10 pg vs. DIY pack.

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