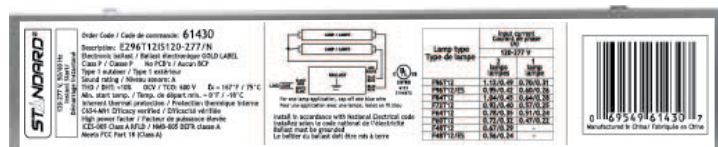


## ORDERING INFORMATION

Order code: 61430  
Description: E296T12IS120-277/N  
UPC: 69549614307



## SPECIFICATIONS

|                        |               |                                 |              |
|------------------------|---------------|---------------------------------|--------------|
| Ballast type:          | Electronic    | Type                            | 1 Outdoor    |
| Starting method:       | Instant Start | Contains PCBs:                  | No           |
| Lamp connection:       | Parallel      | Sound rating:                   | A            |
| Input voltage (V):     | 120-277       | Open current voltage (OCV) (V): | 600          |
| Input frequency (Hz):  | 50/60         | Inherent thermal protection:    | Yes          |
| Max. case temperature: | 75 °C         | ICES-005 Compliant:             | Class A RFLD |
| Thermal protection:    | Class P       | Auto-restrike:                  | Yes          |



| Lamp type        | Number of lamps | Rated lamp watts | Min. start temp. (°F / °C) | Input current (A) | Input power (ANSI watts) | Ballast factor | Max THD (%) | Power factor | Max. lamp current crest factor | B.E.F. |
|------------------|-----------------|------------------|----------------------------|-------------------|--------------------------|----------------|-------------|--------------|--------------------------------|--------|
| <b>120 VOLTS</b> |                 |                  |                            |                   |                          |                |             |              |                                |        |
| F96T12 (75W)     | 2               | 75               | 0/-18                      | 1.12              | 133                      | 0.90           | 10          | 0.99         | 1.7                            | 0.68   |
| F96T12/ES (60W)  | 2               | 60               | 0/-18                      | 0.95              | 112                      | 0.90           | 10          | 0.99         | 1.7                            | 0.80   |
| F84T12 (70W)     | 2               | 70               | 0/-18                      | 1.04              | 123                      | 0.88           | 12          | 0.98         | 1.7                            | 0.72   |
| F72T12 (57W)     | 2               | 57               | 0/-18                      | 0.92              | 106                      | 0.90           | 12          | 0.97         | 1.7                            | 0.85   |
| F64T12 (52W)     | 2               | 52               | 0/-18                      | 0.78              | 92                       | 0.90           | 10          | 0.99         | 1.7                            | 0.98   |
| F60T12 (50W)     | 2               | 50               | 0/-18                      | 0.72              | 85                       | 0.90           | 10          | 0.99         | 1.7                            | 1.06   |
| F48T12 (40W)     | 2               | 40               | 0/-18                      | 0.67              | 76                       | 0.95           | 15          | 0.95         | 1.7                            | 1.25   |
| F48T12/ES (30W)  | 2               | 30               | 0/-18                      | 0.56              | 64                       | 0.95           | 15          | 0.95         | 1.7                            | 1.48   |
| F96T12 (75W)     | 1               | 75               | 0/-18                      | 0.70              | 83                       | 1.00           | 10          | 0.99         | 1.7                            | 1.20   |
| F96T12/ES (60W)  | 1               | 60               | 0/-18                      | 0.60              | 71                       | 1.05           | 10          | 0.99         | 1.7                            | 1.48   |
| F84T12 (70W)     | 1               | 70               | 0/-18                      | 0.64              | 75                       | 1.05           | 12          | 0.98         | 1.7                            | 1.40   |
| F72T12 (57W)     | 1               | 57               | 0/-18                      | 0.57              | 66                       | 1.04           | 12          | 0.97         | 1.7                            | 1.58   |
| F64T12 (52W)     | 1               | 52               | 0/-18                      | 0.51              | 60                       | 1.03           | 12          | 0.98         | 1.7                            | 1.72   |
| F60T12 (50W)     | 1               | 50               | 0/-18                      | 0.47              | 56                       | 1.02           | 10          | 0.99         | 1.7                            | 1.82   |

This lighting equipment complies with Canadian standard ICES-005; for use in commercial applications.

### WARRANTY:

Ballast warranty of 5 years for electronic ballast 75 °C. Ballast warranty of 3 years for electronic ballast 90 °C. For more information visit our website.

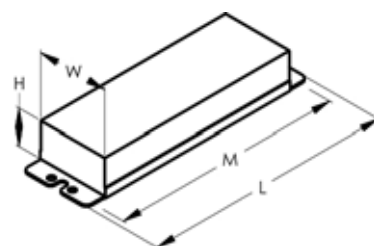
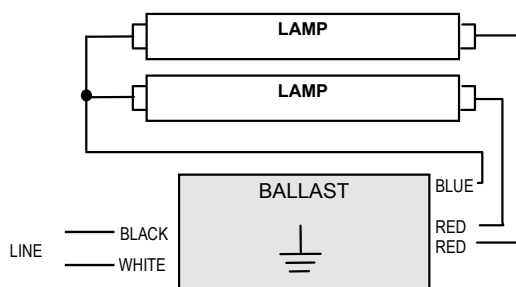
Data is based upon tests performed in a controlled environment and representative of relative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.  
March 9, 2015

## ORDERING INFORMATION

Order code: 61430  
Description: E296T12IS120-277/N  
UPC: 69549614307

| Lamp type        | Number of lamps | Rated lamp watts | Min. start temp. (°F / °C) | Input current (A) | Input power (ANSI watts) | Ballast factor | Max THD (%) | Power factor | Max. lamp current crest factor | B.E.F. |
|------------------|-----------------|------------------|----------------------------|-------------------|--------------------------|----------------|-------------|--------------|--------------------------------|--------|
| <b>277 VOLTS</b> |                 |                  |                            |                   |                          |                |             |              |                                |        |
| F96T12 (75W)     | 2               | 75               | 0/-18                      | 0.49              | 135                      | 0.90           | 10          | 0.99         | 1.7                            | 0.67   |
| F96T12/ES (60W)  | 2               | 60               | 0/-18                      | 0.42              | 115                      | 0.90           | 10          | 0.99         | 1.7                            | 0.78   |
| F84T12 (70W)     | 2               | 70               | 0/-18                      | 0.45              | 123                      | 0.88           | 12          | 0.98         | 1.7                            | 0.72   |
| F72T12 (57W)     | 2               | 57               | 0/-18                      | 0.40              | 107                      | 0.90           | 12          | 0.97         | 1.7                            | 0.84   |
| F64T12 (52W)     | 2               | 52               | 0/-18                      | 0.35              | 93                       | 0.90           | 12          | 0.97         | 1.7                            | 0.97   |
| F60T12 (50W)     | 2               | 50               | 0/-18                      | 0.32              | 86                       | 0.90           | 12          | 0.97         | 1.7                            | 1.05   |
| F48T12 (40W)     | 2               | 40               | 0/-18                      | 0.29              | 76                       | 0.95           | 15          | 0.95         | 1.7                            | 1.25   |
| F48T12/ES (30W)  | 2               | 30               | 0/-18                      | 0.24              | 64                       | 0.95           | 15          | 0.95         | 1.7                            | 1.48   |
| F96T12 (75W)     | 1               | 75               | 0/-18                      | 0.31              | 84                       | 1.00           | 10          | 0.99         | 1.7                            | 1.19   |
| F96T12/ES (60W)  | 1               | 60               | 0/-18                      | 0.26              | 72                       | 1.05           | 12          | 0.98         | 1.7                            | 1.46   |
| F84T12 (70W)     | 1               | 70               | 0/-18                      | 0.28              | 76                       | 1.05           | 12          | 0.98         | 1.7                            | 1.38   |
| F72T12 (57W)     | 1               | 57               | 0/-18                      | 0.25              | 66                       | 1.04           | 15          | 0.95         | 1.7                            | 1.58   |
| F64T12 (52W)     | 1               | 52               | 0/-18                      | 0.24              | 64                       | 1.03           | 12          | 0.97         | 1.7                            | 1.61   |
| F60T12 (50W)     | 1               | 50               | 0/-18                      | 0.22              | 58                       | 1.02           | 12          | 0.97         | 1.7                            | 1.76   |

## WIRING DIAGRAM



## LEADS LENGTH

|       |                |
|-------|----------------|
| Black | 25" (63.50 cm) |
| White | 25" (63.50 cm) |
| Blue  | 66" (167.6 cm) |
| Red   | 60" (152.4 cm) |

## BALLAST DIMENSIONS

|               |                  |
|---------------|------------------|
| Length (L):   | 9.45" (24.0 cm)  |
| Width (W):    | 1.80" (4.57 cm)  |
| Height (H):   | 1.37" (3.48 cm)  |
| Mounting (M): | 8.90" (22.61 cm) |

This lighting equipment complies with Canadian standard ICES-005; for use in commercial applications.

### WARRANTY:

Ballast warranty of 5 years for electronic ballast 75 °C. Ballast warranty of 3 years for electronic ballast 90 °C.  
For more information visit our website.

Data is based upon tests performed in a controlled environment and representative of relative performance.  
Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.  
March 9, 2015