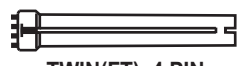


# RHA-UNV-242-C

## Programmed Start Fluorescent Ballast

This Ballast Will Operate Following Lamps:



TWIN(FT), 4 PIN  
24-27/36-39/40/TUV36W



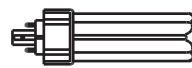
QUAD (CFQ), 4 PIN  
26W



TRIPLE(CFTR)  
26W/32W/42W



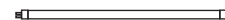
2D28/38W



CFM57/70W



CIRCLINE  
T5CR22/40W



GHP793T5L

## General Specifications

|                      |                                                                                                           |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| Input Voltage        | 120 - 277VAC, 50 / 60Hz                                                                                   |
| Current Crest Factor | <1.7                                                                                                      |
| EMI / RFI Compliance | FCC Part 18-A (Non-Consumer)                                                                              |
| Sound Rating         | " A "                                                                                                     |
| Ballast Type         | Programmed Start                                                                                          |
| Voltage Transients   | MOV (ANSI C82.11)                                                                                         |
| Input Protection     | Fuse                                                                                                      |
| Output Protection    | Open lamp, Shorted lamp, End-of-life                                                                      |
| Min. Operating Temp  | -30°C (-22°F)                                                                                             |
| Max. Case Temp       | 90°C (194°F) See warranty note                                                                            |
| Remote Mounting      | 18 ft Max.                                                                                                |
| Approvals Class      | UL / cUL Listed, Class "P", 1 Outdoor                                                                     |
| Warranty             | 5 Years @Tc 75°C(167°F) or 3 Years @Tc 90°C (194°F) from the date of manufacture when properly installed. |

## Electrical Data @120VAC

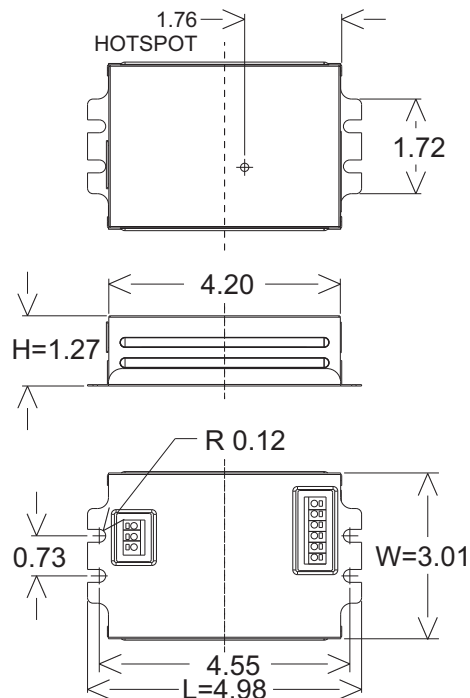
| Lamp Wattage / Type | Lamps Operated | Input Wattage | Line Current | Power Factor | Ballast Factor | Efficacy Factor | THD   |
|---------------------|----------------|---------------|--------------|--------------|----------------|-----------------|-------|
| CFTR42W             | 1              | 46            | 0.39         | 0.99         | 0.95           | 2.04            | 8.7%  |
| FT24/27W            | 1              | 25            | 0.21         | 0.99         | 1.02           | 4.03            | 12.3% |
| FT36/39W            | 1              | 32            | 0.27         | 0.99         | 0.85           | 2.62            | 10.4% |
| FT40W               | 1              | 44            | 0.36         | 0.99         | 0.95           | 2.18            | 9.3%  |
| 2D28W               | 1              | 31            | 0.26         | 0.99         | 1.22           | 3.88            | 10.0% |
| 2D38W               | 1              | 34            | 0.28         | 0.99         | 0.83           | 2.48            | 10.0% |
| T5CR40W             | 1              | 41            | 0.34         | 0.99         | 0.92           | 2.23            | 9.5%  |
| TUV36W              | 1              | 33            | 0.28         | 0.99         | 0.69           | 2.09            | 10.0% |
| GPH793T5L           | 1              | 29            | 0.24         | 0.99         | 0.72           | 2.48            | 10.9% |
| CFM57W              | 1              | 55            | 0.46         | 0.99         | 0.94           | 1.71            | 8.4%  |
| CFM70W              | 1              | 69            | 0.57         | 0.99         | 0.94           | 1.36            | 7.5%  |
| CFQ26W              | 2              | 53            | 0.44         | 0.99         | 0.97           | 1.82            | 7.9%  |
| CFTR26W             | 2              | 56            | 0.46         | 0.99         | 0.97           | 1.74            | 7.6%  |
| FTR32W              | 2              | 59            | 0.49         | 0.99         | 0.91           | 1.54            | 7.6%  |
| CFTR42W             | 2              | 89            | 0.74         | 0.99         | 0.90           | 1.01            | 6.6%  |
| FT24/27W            | 2              | 48            | 0.40         | 0.99         | 0.98           | 2.03            | 8.2%  |
| FT36/39W            | 2              | 62            | 0.52         | 0.99         | 0.81           | 1.30            | 7.1%  |
| FT40W               | 2              | 87            | 0.72         | 0.99         | 0.89           | 1.02            | 6.4%  |
| 2D28W               | 2              | 61            | 0.51         | 0.99         | 1.16           | 1.91            | 7.4%  |
| 2D38W               | 2              | 63            | 0.53         | 0.99         | 0.82           | 1.30            | 7.0%  |
| T5CR22W             | 2              | 50            | 0.41         | 0.99         | 0.98           | 1.97            | 8.7%  |
| T5CR40W             | 2              | 79            | 0.66         | 0.99         | 0.90           | 1.14            | 6.9%  |
| TUV36W              | 2              | 64            | 0.53         | 0.99         | 0.66           | 1.03            | 7.2%  |
| GPH793T5L           | 2              | 55            | 0.45         | 0.99         | 0.69           | 1.26            | 7.8%  |

# RHA-UNV-242-C

## Electrical Data @277VAC

| Lamp Wattage / Type | Lamps Operated | Input Wattage | Line Current | Power Factor | Ballast Factor | Efficacy Factor | THD   |
|---------------------|----------------|---------------|--------------|--------------|----------------|-----------------|-------|
| CFTR42W             | 1              | 46            | 0.18         | 0.94         | 0.95           | 2.08            | 16.8% |
| FT24/27W            | 1              | 25            | 0.11         | 0.83         | 1.02           | 4.04            | 21.7% |
| FT36/39W            | 1              | 32            | 0.13         | 0.89         | 0.85           | 2.62            | 16.7% |
| FT40W               | 1              | 43            | 0.17         | 0.93         | 0.95           | 2.21            | 16.9% |
| 2D28W               | 1              | 32            | 0.13         | 0.89         | 1.22           | 3.84            | 18.6% |
| 2D38W               | 1              | 34            | 0.14         | 0.90         | 0.83           | 2.46            | 17.1% |
| T5CR40W             | 1              | 41            | 0.16         | 0.93         | 0.92           | 2.27            | 15.4% |
| TUV36W              | 1              | 33            | 0.13         | 0.90         | 0.69           | 2.08            | 17.3% |
| GPH793T5L           | 1              | 29            | 0.12         | 0.87         | 0.72           | 2.49            | 18.5% |
| CFM57W              | 1              | 56            | 0.21         | 0.95         | 0.94           | 1.69            | 14.7% |
| CFM70W              | 1              | 67            | 0.25         | 0.97         | 0.94           | 1.40            | 11.4% |
| CFQ26W              | 2              | 53            | 0.20         | 0.95         | 0.97           | 1.83            | 16.0% |
| CFTR26W             | 2              | 55            | 0.21         | 0.95         | 0.97           | 1.76            | 14.6% |
| FTR32W              | 2              | 58            | 0.22         | 0.96         | 0.91           | 1.58            | 14.6% |
| CFTR42W             | 2              | 86            | 0.32         | 0.98         | 0.90           | 1.04            | 9.6%  |
| FT24/27W            | 2              | 48            | 0.18         | 0.94         | 0.98           | 2.04            | 16.6% |
| FT36/39W            | 2              | 61            | 0.23         | 0.96         | 0.81           | 1.32            | 12.2% |
| FT40W               | 2              | 85            | 0.31         | 0.98         | 0.89           | 1.04            | 9.9%  |
| 2D28W               | 2              | 59            | 0.22         | 0.96         | 1.16           | 1.96            | 14.9% |
| 2D38W               | 2              | 62            | 0.23         | 0.97         | 0.82           | 1.33            | 12.5% |
| T5CR22W             | 2              | 49            | 0.19         | 0.94         | 0.98           | 2.01            | 16.3% |
| T5CR40W             | 2              | 77            | 0.29         | 0.98         | 0.90           | 1.17            | 10.4% |
| TUV36W              | 2              | 63            | 0.24         | 0.97         | 0.66           | 1.05            | 12.3% |
| GPH793T5L           | 2              | 54            | 0.20         | 0.95         | 0.69           | 1.28            | 15.3% |

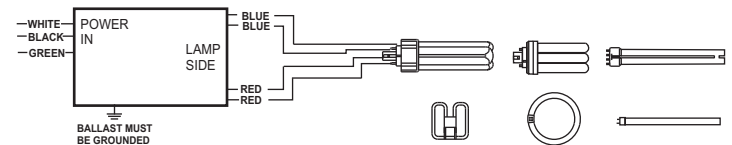
## Mechanical Data



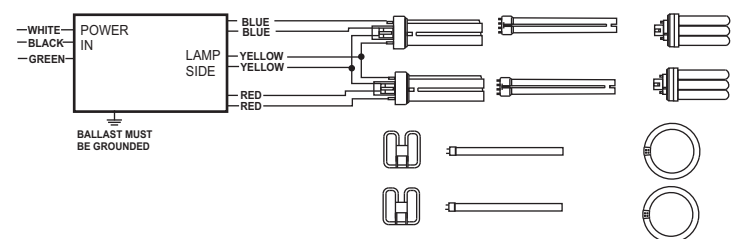
Where : L = Length, W = Width, H = Height

## Wiring Diagram

### 1 X CFM57/70W, FT24-27/36-39/40W, TUV36W, CFTR42W, 2D28/38W, T5CR40W, GPH793T5L



### 2 X FT24-27/36-39/40W, TUV36W, CFQ26W, CFTR26/32/42W, 2D28/38W T5CR22/40W, GPH793T5L



NOTE : This Ballast Must Be Grounded