

## U SERIES - LED U6 Tube (2-FT)

The U SERIES - LED U6 Tube, Up to 135 lm/W, Type A or Type B, Single Ended Power, Premium Replacement Lamp.

### Premium Features

|               |                                              |
|---------------|----------------------------------------------|
| Lumen Output  | 2250 to 2300 lumens                          |
| Efficacy      | Up to 135 lm/W                               |
| Input Voltage | 120-277V                                     |
| Driver        | Type A - No Driver, Type B - Internal Driver |
| Installation  | Single Ended                                 |
| Dimmable      | Type A (0-10V), Type B (No)                  |
| CCT           | 4000K, 5000K                                 |
| Warranty      | 5 Years                                      |

### Applications

Premium indoor replacement lamp intended to replace 2 foot U6 fluorescent lamps with a G13 base for U-Bend lighting fixtures. Suitable for use in U-Bend troffers.

### Construction

Manufactured for durability and heat dissipation.

### Electrical

Input voltages 120-277V. Type A model to operate with a ballast. Type B model to operate without a ballast and non-shunted tombstones. Single Ended Power installations. Operating temperatures -4°F to 95°F (-20°C to 35°C).

### Optics

Anti-UV Frosted Shatterproof Glass Lens.

### Controls

Type A model compatible with dimming and ON/OFF occupancy sensors. Type B model compatible with ON/OFF occupancy sensors.

### Listings

UL certified to meet US and Canadian standards. FCC, CE and RoHS compliant. Listed to qualify for energy-efficient LED lighting rebates.

### Warranty

5 yr /50K hrs. View at: <https://falkorindustry.com/warranty/>.

Project:

Date:

Catalog No:

Prepared By:

2-FT U6 Models



### Correlated Color Temperatures (CCT)

4000K



5000K



## Specifications

### Energy Data

**Input Voltage:** 120-277V

**Input Frequency:** 50/60 Hz

**Wattage:** 15W, 17W

**Power Factor:** >0.9

**THD:** <20%

**Operating Temperature:** -4°F to 95°F (-20°C to 35°C)

### Lighting Data

**Lumens:** 2250 to 2300 lumens

**Lumens Per Watt:** 125 lm/W, 135 lm/W

**CCT:** 4000K, 5000K

**Dimmable:** Type A (0-10V), Type B (No)

**Color Rendering Index (CRI):** >82

**L70:** 50000 hours

## Ordering Information

| Model             | Size | Type | Wattage | Voltage  | Current                | Lumens | Efficacy | CCT          | Beam Angle | Dimming | Color |
|-------------------|------|------|---------|----------|------------------------|--------|----------|--------------|------------|---------|-------|
| U6-840-15P-G6R-EB | 2-FT | A    | 15W     | 120-277V | 0.14A@120V, 0.06A@277V | 2250   | 125 lm/W | 4000K, 5000K | 160°       | 0-10V   | White |
| U6-840-17P-G4-BP  | 2-FT | B    | 17W     | 120-277V | 0.16A@120V, 0.07A@277V | 2300   | 135 lm/W | 4000K, 5000K | 160°       | No      | White |

## Ballast Compatibility (Type A Models)

| Brand            | Model                   | Brand     | Model                |
|------------------|-------------------------|-----------|----------------------|
| Eiko-Powermaster | PM-2X32T8-UNV-IS-L      | Philips   | I0P-3P32-HL-N        |
| Eiko-Powermaster | PM-3X32T8-UNV-IS-H      | Philips   | I0P-3P32-N           |
| Eiko-Powermaster | PM-4X32T8-UNV-IS-L      | Philips   | I0P-4P32-LW-N        |
| Espen            | VE232MVHIPHE            | Philips   | I0PA-1P32-LW-N       |
| Espen            | VE232MVHRPE             | Philips   | I0PA-1P32-N          |
| Espen            | VE2P32MVHIPE            | Philips   | I0PA-2P32HL-SC       |
| Espen            | VE2P32MVHIPHE           | Philips   | I0PA-2P32-LW-N       |
| Espen            | VE3P32MVHIPE            | Philips   | I0PA-4P32-N          |
| Espen            | VE4P32MVHIPE            | Philips   | I0PA-4P32-SC         |
| Fulham           | WHS G3-UNV-T8-IS        | Philips   | ICN-132-MC           |
| Fulham           | WHS G4-UNV-T8-IS        | Philips   | ICN-1P32-N           |
| GE               | GE132MAXP-N/ULTRA       | Philips   | ICN-2P32-N           |
| GE               | GE-232-120-PS-N         | Philips   | ICN-3P32-N           |
| GE               | GE232MAX-H/ULTRA        | Philips   | ICN-4P32-N           |
| GE               | GE232MAX-L/ULTRA        | Philips   | ICN-4P32-SC          |
| GE               | GE232MAX-N/ULTRA        | Philips   | ILV-2S32-SC          |
| GE               | GE232MAXP-H/ULTRA       | Philips   | IZT-132-SC           |
| GE               | GE232MAXP-N/ULTRA       | Philips   | IZT-2PSP32-SC        |
| GE               | GE-232-MV-N             | Philips   | REL-2P32-RH-TP       |
| GE               | GE-232-MV-PS-H          | Philips   | REL-2P32-SC          |
| GE               | GE-232-MV-PS-N          | Philips   | REZ-132-SC           |
| GE               | GE332MAX-H/ULTRA        | Philips   | REZ-1S32-SC          |
| GE               | GE332MAX-N/ULTRA        | Philips   | REZ-2P32-SC          |
| GE               | GE332MAXP-H/ULTRA       | Philips   | REZ-2S32-SC          |
| GE               | GE332MAXP-H/ULTRA       | Philips   | VEZ-132-SC           |
| GE               | GE332MAXP-L/ULTRA       | Philips   | VEZ-2S32-SC          |
| GE               | GE332MAXP-L/ULTRA       | Plusrite  | BAF232I/SMV          |
| GE               | GE332MAXP-N/ULTRA       | Plusrite  | BAF232IS/MV/H        |
| GE               | GE332MV-N               | Plusrite  | BAF332IS/MV          |
| GE               | GE432-120-N             | Plusrite  | BAF432IS/MV          |
| GE               | GE432MAX-G-N            | Premium   | BB-T8/UVH-4X32       |
| GE               | GE432MAX-L/ULTRA        | Premium   | BB-TS/UNH-2X32       |
| GE               | GE432MAX-N/ULTRA        | Robertson | ISU232T8120          |
| GE               | GE432MAXP-H/ULTRA       | Sola      | E-758-F-232-SC       |
| GE               | GE432MAXP-L/ULTRA       | Sunpark   | U-2/32ISE            |
| Howard           | EP2/32IS/MV/MC/HE       | Sylvania  | QHE4X32T8/UNV PSN-SC |
| Howard           | EP3/32IS/MV/MC/HE       | Sylvania  | QTP3X32T8/UNV ISN-SC |
| Howard           | EPL3/32IS/MV/SC/HE      | TCP       | E4P32PSUNVE          |
| Huafeng          | ENI-T8-32-P4MC-N        | Universal | B232IUNVHP-N         |
| Osram            | QHE 2X32T/8UNV DIM-TC   | Universal | B232PUNVHE-B         |
| Osram            | QHE 2X32T/8UNV ISL-SC   | Universal | B232PUS50-A          |
| Osram            | QHE 2X32T/8UNV ISN-SC   | Universal | B332IUNVHP-A         |
| Osram            | QHE 4X32T8/UNV ISL-SC   | Universal | B332IUNVHP-N         |
| Osram            | QHE 4X32T8/UNV ISL-SC-1 | Universal | B432IUNVHP-A         |
| Osram            | QTP 4X32T8/UNV ISN-SC   | Universal | BI32IUNVHP-N         |
| Philips          | I0P-2P32-LW-N           | Utilitech | YZ-232               |

