# COMPACT FLUORESCENT

## COMPACT FLUORESCENT LAMPS FOR GENERAL LIGHTING

USHIO Compact Fluorescent lamps provide all the benefits of linear fluorescent lamps in a compact size. These lamps are highly efficient at 67 lumens per watt and 10,000 hours average life.

The tri-phosphor coatings on these lamps render colors closer to that of nature allowing a coloring index of 82 in a variety of color temperatures.

Available in single, double and triple tubes with wattages ranging from 5 watts to 42 watts. Color temperatures range from 2700K to 6500K.

## FEATURES & BENEFITS:

- Long Life - 10,000 Hours Average Life
  - Reduces Costs of Lamp Change-Outs
  - At Least Ten Times the Life of Ordinary Incandescent Lamps
- High Color Rendering - 82 CRI
- High Efficacy - 67 Lumens Per Watt
- Saves Up to 75% in Electricity Costs Compared to Standard Incandescent Lamps
- Available in Dimmable Versions, 4-Pin Base

## APPLICATIONS:

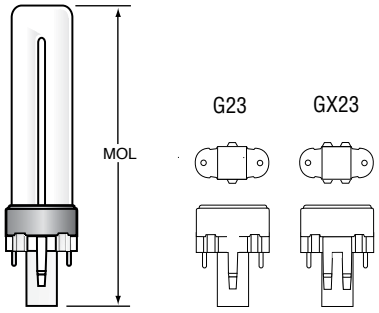
- Downlights in Offices, Hotels, Retail Establishments
- Task Lighting
- Security
- Enclosed Outdoor Fixtures

USHIO

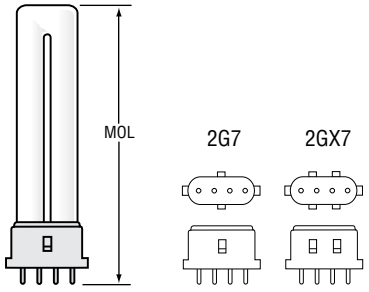
# COMPACT FLUORESCENT SINGLE TUBE

## Single Tube Compact Fluorescent Lamps

**Color Rendering Index:**
82 CRI




(1) 2-Pin Base




(2) 4-Pin Base

**Case Quantity: 50**

| Watts (W) | Ordering Code | Lamp Description | Base | Volts (V) | Lamp Current (A) | Luminous Flux Nom. (lm) | Luminous Flux Min. (lm) | Color Temp (K) | Dimensions MOL (mm) | Dimensions MOL (in) | Avg* Rated Life (h) | Commercial Life** (h) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **Ultra-S™ Single Tube, 2-Pin Base (1)** | | | | | | | | | | |
| 5 | 3000062 | CF5S/827 | G23 | 35 | 0.180 | 250 | 230 | 2700 | 108 | 4.3 | 10000 | 12500 |
| 5 | 3000147 | CF5S/841 | G23 | 35 | 0.180 | 250 | 230 | 4100 | 108 | 4.3 | 10000 | 12500 |
| 7 | 3000063 | CF7S/827 | G23 | 45 | 0.180 | 400 | 360 | 2700 | 138 | 5.4 | 10000 | 12500 |
| 7 | 3000064 | CF7S/841 | G23 | 45 | 0.180 | 400 | 360 | 4100 | 138 | 5.4 | 10000 | 12500 |
| 9 | 3000066 | CF9S/827 | G23 | 59 | 0.180 | 600 | 540 | 2700 | 168 | 6.6 | 10000 | 12500 |
| 9 | 3000060 | CF9S/835 | G23 | 59 | 0.180 | 600 | 540 | 3500 | 168 | 6.6 | 10000 | 12500 |
| 9 | 3000067 | CF9S/841 | G23 | 59 | 0.180 | 600 | 540 | 4100 | 168 | 6.6 | 10000 | 12500 |
| 13 | 3000054 | CF13S/827 | GX23 | 59 | 0.285 | 800 | 720 | 2700 | 180 | 7.1 | 10000 | 12500 |
| 13 | 3000057 | CF13S/835 | GX23 | 59 | 0.285 | 800 | 720 | 3500 | 180 | 7.1 | 10000 | 12500 |
| 13 | 3000055 | CF13S/841 | GX23 | 59 | 0.285 | 800 | 720 | 4100 | 180 | 7.1 | 10000 | 12500 |
| 13 | 3000427 | CF13S/850 | GX23 | 59 | 0.285 | 800 | 720 | 5000 | 180 | 7.1 | 10000 | 12500 |
| 13 | 3000167 | CF13S/865 | GX23 | 59 | 0.285 | 760 | 690 | 6500 | 180 | 7.1 | 10000 | 12500 |
| | | **Ultra-SE™ Single Tube, 4-Pin Base for Electronic Ballasts – Dimmable (2)** | | | | | | | | | | |
| 5 | 3000168 | CF5SE/827 | 2G7 | 35 | 0.180 | 250 | 230 | 2700 | 85 | 3.4 | 10000 | 12500 |
| 7 | 3000169 | CF7SE/827 | 2G7 | 47 | 0.175 | 400 | 360 | 2700 | 115 | 4.5 | 10000 | 12500 |
| 7 | 3000175 | CF7SE/841 | 2G7 | 47 | 0.175 | 400 | 360 | 4100 | 115 | 4.5 | 10000 | 12500 |
| 9 | 3000170 | CF9SE/827 | 2G7 | 60 | 0.170 | 600 | 540 | 2700 | 145 | 5.7 | 10000 | 12500 |
| 9 | 3000178 | CF9SE/841 | 2G7 | 60 | 0.170 | 600 | 540 | 4100 | 145 | 5.7 | 10000 | 12500 |
| 13 | 3000171 | CF13SE/827 | 2GX7 | 59 | 0.285 | 800 | 720 | 2700 | 160 | 6.3 | 10000 | 12500 |
| 13 | 3000251 | CF13SE/830 | 2GX7 | 59 | 0.285 | 800 | 720 | 3000 | 160 | 6.5 | 10000 | 12500 |
| 13 | 3000182 | CF13SE/835 | 2GX7 | 59 | 0.285 | 800 | 720 | 3500 | 160 | 6.5 | 10000 | 12500 |
| 13 | 3000181 | CF13SE/841 | 2GX7 | 59 | 0.285 | 800 | 720 | 4100 | 160 | 6.5 | 10000 | 12500 |

* Based on ANSI / IESNA standards of 3 hours per start
** Based on estimated commercial operating standards of 12 hours per start

All dimensions shown in inches unless otherwise noted.

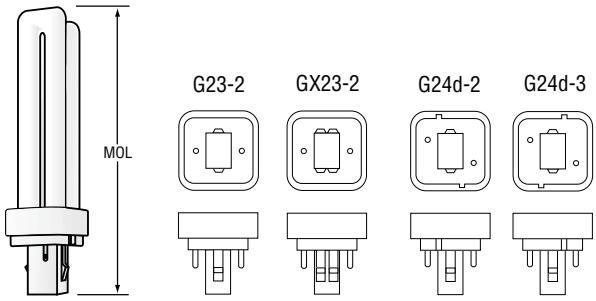
When using dimmers, dimming systems, or occupancy sensors, the lamp life will also be affected. The dimming system manufacturer can advise the affect of their system on lamp life.

USHIO

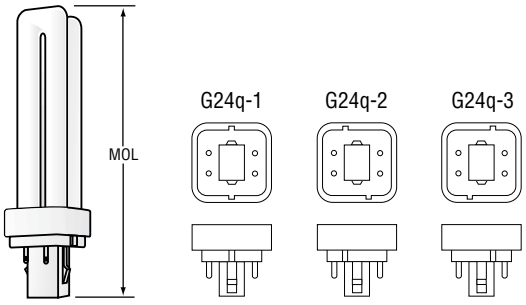
Hg - LAMP CONTAINS MERCURY
Manage in Accord with Disposal Laws
See: www.lamprecycle.org or 1-800-895-8842

# COMPACT FLUORESCENT DOUBLE TUBE

## Double Tube Compact Fluorescent Lamps




(3) 2-Pin Base




(4) 4-Pin Base

**Case Quantity: 50**

| Watts (W) | Ordering Code | Lamp Description | Base | Volts (V) | Lamp Current (A) | Luminous Flux Nom. (lm) | Luminous Flux Min. (lm) | Color Temp (K) | Dimensions MOL (mm) | Dimensions MOL (in) | Avg * Rated Life (h) | Commercial Life** (h) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **Ultra-D™ Double Tube, 2-Pin Base (3)** | | | | | | | | | | |
| 9 | 3000065 | CF9D/827 | G23-2 | 59 | 0.180 | 525 | 475 | 2700 | 108 | 4.3 | 10000 | 12500 |
| 9 | 3000139 | CF9D/835 | G23-2 | 59 | 0.180 | 525 | 475 | 3500 | 108 | 4.3 | 10000 | 12500 |
| 9 | 3000184 | CF9D/841 | G23-2 | 59 | 0.180 | 525 | 475 | 4100 | 108 | 4.3 | 10000 | 12500 |
| 13 | 3000052 | CF13D/827 | GX23-2 | 59 | 0.285 | 780 | 700 | 2700 | 118 | 4.7 | 10000 | 12500 |
| 13 | 3000053 | CF13D/835 | GX23-2 | 59 | 0.285 | 780 | 700 | 3500 | 118 | 4.7 | 10000 | 12500 |
| 13 | 3000140 | CF13D/841 | GX23-2 | 59 | 0.285 | 780 | 700 | 4100 | 118 | 4.7 | 10000 | 12500 |
| 13 | 3000426 | CF13D/850 | GX23-2 | 59 | 0.285 | 780 | 700 | 5000 | 118 | 4.7 | 10000 | 12500 |
| 18 | 3000135 | CF18D/827 | G24d-2 | 100 | 0.220 | 1200 | 1080 | 2700 | 153 | 6.0 | 10000 | 12500 |
| 18 | 3000145 | CF18D/835 | G24d-2 | 100 | 0.220 | 1200 | 1080 | 3500 | 153 | 6.0 | 10000 | 12500 |
| 18 | 3000141 | CF18D/841 | G24d-2 | 100 | 0.220 | 1200 | 1080 | 4100 | 153 | 6.0 | 10000 | 12500 |
| 26 | 3000058 | CF26D/827 | G24d-3 | 105 | 0.325 | 1800 | 1620 | 2700 | 172 | 6.9 | 10000 | 12500 |
| 26 | 3000146 | CF26D/835 | G24d-3 | 105 | 0.325 | 1800 | 1620 | 3500 | 172 | 6.9 | 10000 | 12500 |
| 26 | 3000142 | CF26D/841 | G24d-3 | 105 | 0.325 | 1800 | 1620 | 4100 | 172 | 6.9 | 10000 | 12500 |
| 26 | 3000196 | CF26D/865 | G24d-3 | 105 | 0.325 | 1710 | 1540 | 6500 | 172 | 6.9 | 10000 | 12500 |
| | | **Ultra-DE™ Double Tube, 4-Pin Base for Electronic Ballasts – Dimmable (4)** | | | | | | | | | | |
| 13 | 3000159 | CF13DE/827 | G24q-1 | 91 | 0.175 | 900 | 810 | 2700 | 131 | 5.2 | 10000 | 12500 |
| 13 | 3000246 | CF13DE/835 | G24q-1 | 91 | 0.175 | 900 | 810 | 3500 | 131 | 5.2 | 10000 | 12500 |
| 13 | 3000160 | CF13DE/841 | G24q-1 | 91 | 0.175 | 900 | 810 | 4100 | 131 | 5.2 | 10000 | 12500 |
| 13 | 3000235 | CF13DE/865 | G24q-1 | 91 | 0.175 | 860 | 770 | 6500 | 131 | 5.2 | 10000 | 12500 |
| 18 | 3000056 | CF18DE/827 | G24q-2 | 100 | 0.220 | 1200 | 1080 | 2700 | 146 | 5.8 | 10000 | 12500 |
| 18 | 3000143 | CF18DE/835 | G24q-2 | 100 | 0.220 | 1200 | 1080 | 3500 | 146 | 5.8 | 10000 | 12500 |
| 18 | 3000136 | CF18DE/841 | G24q-2 | 100 | 0.220 | 1200 | 1080 | 4100 | 146 | 5.8 | 10000 | 12500 |
| 26 | 3000059 | CF26DE/827 | G24q-3 | 105 | 0.325 | 1800 | 1620 | 2700 | 165 | 6.6 | 10000 | 12500 |
| 26 | 3000144 | CF26DE/835 | G24q-3 | 105 | 0.325 | 1800 | 1620 | 3500 | 165 | 6.6 | 10000 | 12500 |
| 26 | 3000137 | CF26DE/841 | G24q-3 | 105 | 0.325 | 1800 | 1620 | 4100 | 165 | 6.6 | 10000 | 12500 |
| 26 | 3000238 | CF26DE/865 | G24q-3 | 105 | 0.325 | 1710 | 1540 | 6500 | 165 | 6.6 | 10000 | 12500 |

* Based on ANSI / IESNA standards of 3 hours per start

** Based on estimated commercial operating standards of 12 hours per start

All dimensions shown in inches unless otherwise noted.

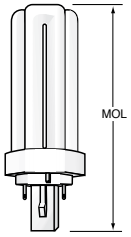
When using dimmers, dimming systems, or occupancy sensors, the lamp life will also be affected. The dimming system manufacturer can advise the affect of their system on lamp life.

(Hg) - LAMP CONTAINS MERCURY
Manage in Accord with Disposal Laws
See: www.lamprecycle.org or 1-800-895-8842

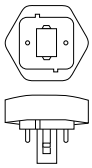
USHIO

# COMPACT FLUORESCENT TRIPLE TUBE

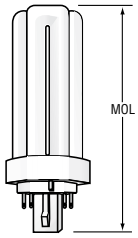
## Triple Tube Compact Fluorescent Lamps




GX24d-2

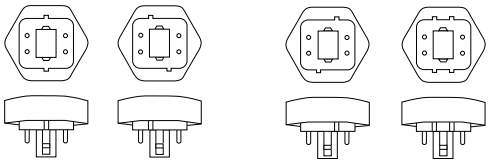


(5) 2-Pin Base




(6) 4-Pin Base

GX24q-1 GX24q-2 GX24q-3 GX24q-4



**Case Quantity: 50**

| Watts (W) | Ordering Code | Lamp Description | Base | Volts (V) | Lamp Current (A) | Luminous Flux Nom. (lm) | Luminous Flux Min. (lm) | Color Temp (K) | Dimensions MOL (mm) | Dimensions MOL (in) | Avg* Rated Life (h) | Commercial Life** (h) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **Ultra-T™ Triple Tube, 2-Pin Base (5)** | | | | | | | | | | |
| 26 | 3000203 | CF26T/827 | GX24d-3 | 105 | 0.325 | 1800 | 1620 | 2700 | 138 | 5.4 | 10000 | 12500 |
| 26 | 3000205 | CF26T/835 | GX24d-3 | 105 | 0.325 | 1800 | 1620 | 3500 | 138 | 5.4 | 10000 | 12500 |
| 26 | 3000204 | CF26T/841 | GX24d-3 | 105 | 0.325 | 1800 | 1620 | 4100 | 138 | 5.4 | 10000 | 12500 |
| | | **Ultra-TE™ Triple Tube, 4-Pin Base for Electronic Ballasts (6) – Dimmable** | | | | | | | | | | |
| 13 | 3000207 | CF13TE/827 | GX24q-1 | 91 | 0.175 | 900 | 810 | 2700 | 108 | 4.4 | 10000 | 12500 |
| 13 | 3000209 | CF13TE/835 | GX24q-1 | 91 | 0.175 | 900 | 810 | 3500 | 108 | 4.4 | 10000 | 12500 |
| 13 | 3000208 | CF13TE/841 | GX24q-1 | 91 | 0.175 | 900 | 810 | 4100 | 108 | 4.4 | 10000 | 12500 |
| 18 | 3000211 | CF18TE/827 | GX24q-2 | 100 | 0.220 | 1200 | 1080 | 2700 | 116 | 4.6 | 10000 | 12500 |
| 18 | 3000255 | CF18TE/830 | GX24q-2 | 100 | 0.220 | 1200 | 1080 | 3000 | 116 | 4.6 | 10000 | 12500 |
| 18 | 3000213 | CF18TE/835 | GX24q-2 | 100 | 0.220 | 1200 | 1080 | 3500 | 116 | 4.6 | 10000 | 12500 |
| 18 | 3000212 | CF18TE/841 | GX24q-2 | 100 | 0.220 | 1200 | 1080 | 4100 | 116 | 4.6 | 10000 | 12500 |
| 26 | 3000215 | CF26TE/827 | GX24q-3 | 105 | 0.325 | 1800 | 1620 | 2700 | 131 | 5.2 | 10000 | 12500 |
| 26 | 3000254 | CF26TE/830 | GX24q-3 | 105 | 0.325 | 1800 | 1620 | 3000 | 131 | 5.2 | 10000 | 12500 |
| 26 | 3000217 | CF26TE/835 | GX24q-3 | 105 | 0.325 | 1800 | 1620 | 3500 | 131 | 5.2 | 10000 | 12500 |
| 26 | 3000216 | CF26TE/841 | GX24q-3 | 105 | 0.325 | 1800 | 1620 | 4100 | 131 | 5.2 | 10000 | 12500 |
| 26 | 3000218 | CF26TE/865 | GX24q-3 | 105 | 0.325 | 1710 | 1540 | 6500 | 131 | 5.2 | 10000 | 12500 |
| 32 | 3000219 | CF32TE/827 | GX24q-3 | 100 | 0.320 | 2400 | 2160 | 2700 | 147 | 5.8 | 10000 | 12500 |
| 32 | 3000252 | CF32TE/830 | GX24q-3 | 100 | 0.320 | 2400 | 2160 | 3000 | 147 | 5.8 | 10000 | 12500 |
| 32 | 3000221 | CF32TE/835 | GX24q-3 | 100 | 0.320 | 2400 | 2160 | 3500 | 147 | 5.8 | 10000 | 12500 |
| 32 | 3000220 | CF32TE/841 | GX24q-3 | 100 | 0.320 | 2400 | 2160 | 4100 | 147 | 5.8 | 10000 | 12500 |
| 32 | 3000222 | CF32TE/865 | GX24q-3 | 100 | 0.320 | 2280 | 2052 | 6500 | 147 | 5.8 | 10000 | 12500 |
| 42 | 3000223 | CF42TE/827 | GX24q-4 | 135 | 0.320 | 3200 | 2880 | 2700 | 168 | 6.7 | 10000 | 12500 |
| 42 | 3000253 | CF42TE/830 | GX24q-4 | 135 | 0.320 | 3200 | 2880 | 3000 | 168 | 6.7 | 10000 | 12500 |
| 42 | 3000225 | CF42TE/835 | GX24q-4 | 135 | 0.320 | 3200 | 2880 | 3500 | 168 | 6.7 | 10000 | 12500 |
| 42 | 3000224 | CF42TE/841 | GX24q-4 | 135 | 0.320 | 3200 | 2880 | 4100 | 168 | 6.7 | 10000 | 12500 |
| 42 | 3000226 | CF42TE/865 | GX24q-4 | 135 | 0.320 | 3040 | 2740 | 6500 | 168 | 6.7 | 10000 | 12500 |

* Based on ANSI / IESNA standards of 3 hours per start
** Based on estimated commercial operating standards of 12 hours per start

All dimensions shown in inches unless otherwise noted.

When using dimmers, dimming systems, or occupancy sensors, the lamp life will also be affected. The dimming system manufacturer can advise the affect of their system on lamp life.

(Hg) - LAMP CONTAINS MERCURY
Manage in Accord with Disposal Laws
See: www.lamprecycle.org or 1-800-895-8842

USHIO

Form No. S-CFL/1215
Specifications may be subject to change without prior notice. Refer to www.ushio.com for the most current product specifications.