

# USHIO

## FLUORESCENT LAMPS

### COMPACT FLUORESCENT



### COMPACT FLUORESCENT LAMPS FOR GENERAL LIGHTING

USHIO's 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 Triphosphor 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.

### APPLICATIONS

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

### FEATURES AND 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

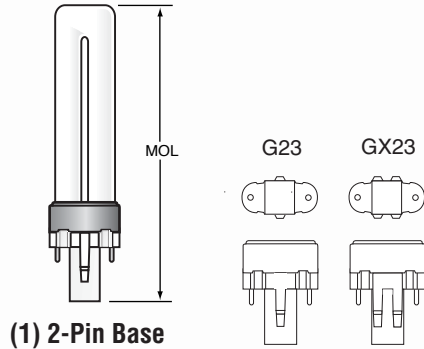
Distributed by:

# USHIO

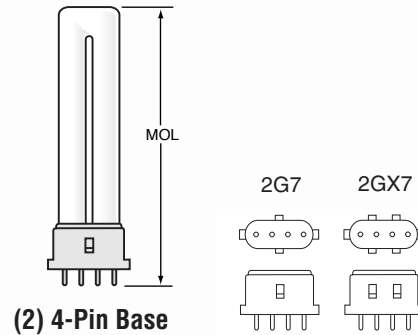
## CHARACTERISTICS & SPECIFICATIONS

### SINGLE TUBE

Average Life: 10,000 hours • CRI: 82



(1) 2-Pin Base



(2) 4-Pin Base

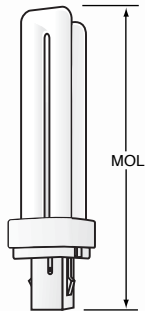
Watts (W)	Ushio Ordering Code	Ushio Lamp Description	Volts (V)	Current (A)	Luminous Flux		Color Temp (K)	Dimensions		Base
					Nom. (lm)	Min. (lm)		MOL (mm)	MOL (in)	
<b>Single Tube 2-Pin Base (1)</b>										
5	3000062	CF5S/827	35	0.180	250	230	2700	108	4.3	G23
5	3000163	CF5S/835	35	0.180	250	230	3500	108	4.3	G23
5	3000147	CF5S/841	35	0.180	250	230	4100	108	4.3	G23
5	3000164	CF5S/865	35	0.180	240	220	6500	108	4.3	G23
7	3000063	CF7S/827	45	0.180	400	360	2700	138	5.4	G23
7	3000061	CF7S/835	45	0.180	400	360	3500	138	5.4	G23
7	3000064	CF7S/841	45	0.180	400	360	4100	138	5.4	G23
7	3000165	CF7S/865	45	0.180	380	340	6500	138	5.4	G23
9	3000066	CF9S/827	59	0.180	600	540	2700	168	6.6	G23
9	3000060	CF9S/835	59	0.180	600	540	3500	168	6.6	G23
9	3000067	CF9S/841	59	0.180	600	540	4100	168	6.6	G23
9	3000166	CF9S/865	59	0.180	570	520	6500	168	6.6	G23
13	3000054	CF13S/827	59	0.285	800	720	2700	180	7.1	GX23
13	3000057	CF13S/835	59	0.285	800	720	3500	180	7.1	GX23
13	3000055	CF13S/841	59	0.285	800	720	4100	180	7.1	GX23
13	3000427	CF13S/850	59	0.285	800	720	5000	180	7.1	GX23
13	3000167	CF13S/865	59	0.285	760	690	6500	180	7.1	GX23
<b>Single Tube 4-Pin Base for Electronic Ballasts (2)—Dimmable</b>										
5	3000168	CF5SE/827	35	0.180	250	230	2700	85	3.4	2G7
5	3000173	CF5SE/835	35	0.180	250	230	3500	85	3.4	2G7
7	3000169	CF7SE/827	47	0.175	400	360	2700	115	4.5	2G7
7	3000175	CF7SE/841	47	0.175	400	360	4100	115	4.5	2G7
9	3000170	CF9SE/827	60	0.170	600	540	2700	145	5.7	2G7
9	3000179	CF9SE/835	60	0.170	600	540	3500	145	5.7	2G7
9	3000178	CF9SE/841	60	0.170	600	540	4100	145	5.7	2G7
13	3000171	CF13SE/827	59	0.285	800	720	2700	160	6.3	2GX7
13	3000251	CF13SE/830	59	0.285	800	720	3000	160	6.3	2GX7
13	3000182	CF13SE/835	59	0.285	800	720	3500	160	6.3	2GX7
13	3000181	CF13SE/841	59	0.285	800	720	4100	160	6.3	2GX7

# USHIO

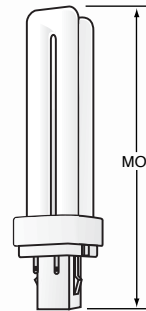
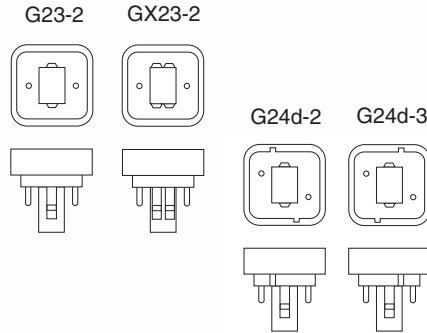
## CHARACTERISTICS & SPECIFICATIONS

### DOUBLE TUBE

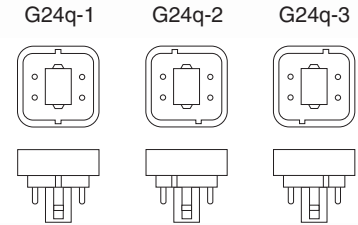
Average Life: 10,000 hours • CRI: 82



(3) 2-Pin Base



(4) 4-Pin Base



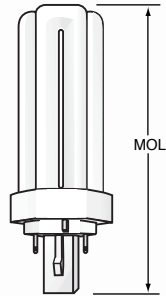
Watts (W)	Ushio Ordering Code	Ushio Lamp Description	Volts (V)	Current (A)	Luminous Flux		Color Temp (K)	Dimensions		Base
					Nom. (lm)	Min. (lm)		MOL (mm)	MOL (in)	
<b>Double Tube 2-Pin Base (3)</b>										
9	3000065	CF9D/827	59	0.180	525	475	2700	108	4.3	G23-2
9	3000139	CF9D/835	59	0.180	525	475	3500	108	4.3	G23-2
9	3000184	CF9D/841	59	0.180	525	475	4100	108	4.3	G23-2
9	3000185	CF9D/865	59	0.180	500	450	6500	108	4.3	G23-2
13	3000052	CF13D/827	59	0.285	780	700	2700	118	4.7	GX23-2
13	3000053	CF13D/835	59	0.285	780	700	3500	118	4.7	GX23-2
13	3000140	CF13D/841	59	0.285	780	700	4100	118	4.7	GX23-2
13	3000426	CF13D/850	59	0.285	780	700	5000	118	4.7	GX23-2
13	3000190	CF13D/865	59	0.285	740	670	6500	118	4.7	GX23-2
18	3000135	CF18D/827	100	0.220	1200	1080	2700	153	6.0	G24d-2
18	3000145	CF18D/835	100	0.220	1200	1080	3500	153	6.0	G24d-2
18	3000141	CF18D/841	100	0.220	1200	1080	4100	153	6.0	G24d-2
18	3000195	CF18D/865	100	0.220	1140	1030	6500	153	6.0	G24d-2
26	3000058	CF26D/827	105	0.325	1800	1620	2700	172	6.8	G24d-3
26	3000146	CF26D/835	105	0.325	1800	1620	3500	172	6.8	G24d-3
26	3000142	CF26D/841	105	0.325	1800	1620	4100	172	6.8	G24d-3
26	3000196	CF26D/865	105	0.325	1710	1540	6500	172	6.8	G24d-3
<b>Double Tube 4-Pin Base for Electronic Ballasts (4)—Dimmable</b>										
10	3000239	CF10DE/827	64	0.190	600	540	2700	103	4.1	G24q-1
10	3000240	CF10DE/835	64	0.190	600	540	3500	103	4.1	G24q-1
10	3000241	CF10DE/841	64	0.190	600	540	4100	103	4.1	G24q-1
13	3000159	CF13DE/827	91	0.175	900	810	2700	131	5.2	G24q-1
13	3000246	CF13DE/835	91	0.175	900	810	3500	131	5.2	G24q-1
13	3000160	CF13DE/841	91	0.175	900	810	4100	131	5.2	G24q-1
13	3000235	CF13DE/865	91	0.175	860	770	6500	131	5.2	G24q-1
18	3000056	CF18DE/827	100	0.220	1200	1080	2700	146	5.8	G24q-2
18	3000143	CF18DE/835	100	0.220	1200	1080	3500	146	5.8	G24q-2
18	3000136	CF18DE/841	100	0.220	1200	1080	4100	146	5.8	G24q-2
26	3000059	CF26DE/827	105	0.325	1800	1620	2700	165	6.5	G24q-3
26	3000144	CF26DE/835	105	0.325	1800	1620	2700	165	6.5	G24q-3
26	3000137	CF26DE/841	105	0.325	1800	1620	4100	165	6.5	G24q-3
26	3000238	CF26DE/865	105	0.325	1710	1540	6500	165	6.5	G24q-3

# USHIO

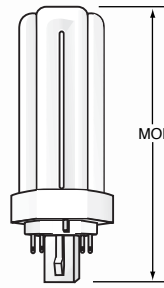
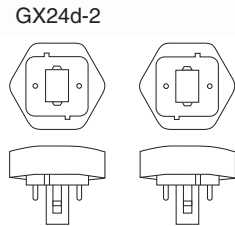
## CHARACTERISTICS & SPECIFICATIONS

### TRIPLE TUBE

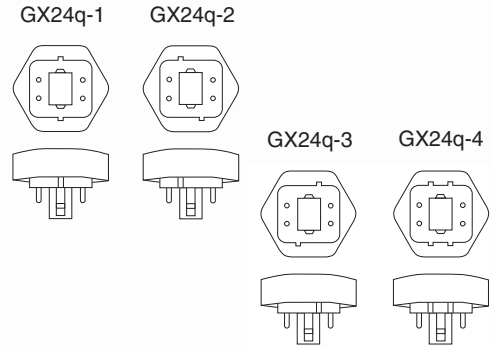
Average Life: 10,000 hours • CRI: 82



(5) 2-Pin Base



(6) 4-Pin Base



Watts (W)	Ushio Ordering Code	Ushio Lamp Description	Volts (V)	Current (A)	Luminous Flux		Color Temp (K)	Dimensions		Base
					Nom. (lm)	Min. (lm)		MOL (mm)	MOL (in)	
<b>Triple Tube 2-Pin Base (5)</b>										
18	3000199	CF18T/827	100	0.220	1200	1080	2700	123	4.8	GX24d-2
18	3000201	CF18T/835	100	0.220	1200	1080	3500	123	4.8	GX24d-2
18	3000200	CF18T/841	100	0.220	1200	1080	4100	123	4.8	GX24d-2
26	3000203	CF26T/827	105	0.325	1800	1620	2700	138	5.4	GX24d-3
26	3000205	CF26T/835	105	0.325	1800	1620	3500	138	5.4	GX24d-3
26	3000204	CF26T/841	105	0.325	1800	1620	4100	138	5.4	GX24d-3
<b>Triple Tube 4-Pin Base for Electronic Ballasts (6)—Dimmable</b>										
13	3000207	CF13TE/827	91	0.175	900	810	2700	108	4.4	GX24q-1
13	3000209	CF13TE/835	91	0.175	900	810	3500	108	4.4	GX24q-1
13	3000208	CF13TE/841	91	0.175	900	810	4100	108	4.4	GX24q-1
18	3000211	CF18TE/827	100	0.220	1200	1080	2700	116	4.6	GX24q-2
18	3000255	CF18TE/830	100	0.220	1200	1080	3000	116	4.6	GX24q-2
18	3000213	CF18TE/835	100	0.220	1200	1080	3500	116	4.6	GX24q-2
18	3000212	CF18TE/841	100	0.220	1200	1080	4100	116	4.6	GX24q-2
18	3000214	CF18TE/865	100	0.220	1140	1025	6500	116	4.6	GX24q-2
26	3000215	CF26TE/827	105	0.325	1800	1620	2700	131	5.2	GX24q-3
26	3000254	CF26TE/830	105	0.325	1800	1620	3000	131	5.2	GX24q-3
26	3000217	CF26TE/835	105	0.325	1800	1620	3500	131	5.2	GX24q-3
26	3000216	CF26TE/841	105	0.325	1800	1620	4100	131	5.2	GX24q-3
26	3000218	CF26TE/865	105	0.325	1710	1540	6500	131	5.2	GX24q-3
32	3000219	CF32TE/827	100	0.320	2400	2160	2700	147	5.8	GX24q-3
32	3000252	CF32TE/830	100	0.320	2400	2160	3000	147	5.8	GX24q-3
32	3000221	CF32TE/835	100	0.320	2400	2160	3500	147	5.8	GX24q-3
32	3000220	CF32TE/841	100	0.320	2400	2160	4100	147	5.8	GX24q-3
32	3000222	CF32TE/865	100	0.320	2280	2052	6500	147	5.8	GX24q-3
42	3000223	CF42TE/827	135	0.320	3200	2880	2700	168	6.7	GX24q-4
42	3000253	CF42TE/830	135	0.320	3200	2800	3000	168	6.7	GX24q-4
42	3000225	CF42TE/835	135	0.320	3200	2880	3500	168	6.7	GX24q-4
42	3000224	CF42TE/841	135	0.320	3200	2880	4100	168	6.7	GX24q-4
42	3000226	CF42TE/865	135	0.320	3040	2740	6500	168	6.7	GX24q-4

Form No. S-CFL/R-1211

The specifications on this sheet supercede all previously published specifications and may be subject to change for design and specification improvement without prior notice.

© 2011 USHIO America, Inc. All rights reserved.

Scan with a smartphone to view this product online.

