

ULTRA5™ T5 FLUORESCENT LAMPS

ULTRA 5™ SERIES

- Energy Efficient
- Linear Fluorescent Lamps
- Compact Lamp Diameter
- Bi-Pin G5 Base
- Universal Burn Position



Please see Safety and Handling Instructions on pages 88 & 89.

Watts	Ushio Ordering Code	Ushio Lamp Code	Dimensions			Color Temp K	Initial Lumens lm	Avg Rated Life* h	Commercial Life** h	Case Qty
			Dia (A)	MOL (mm)	MOL (in)					
ULTRA 5™ T5 Preheat 1,3										
4	3000109	F4T5WW	0.61	150	6	3000	110	6000	7500	100
4	3000107	F4T5CW	0.61	150	6	4200	140	6000	7500	100
4	3000108	F4T5D	0.61	150	6	6500	95	6000	7500	100
6	3000114	F6T5WW	0.61	226	9	3000	240	7500	9300	100
6	3000112	F6T5CW	0.61	226	9	4200	280	7500	9300	100
6	3000113	F6T5D	0.61	226	9	6500	210	7500	9300	100
8	3000119	F8T5WW	0.61	302	12	3000	400	7500	9300	100
8	3000117	F8T5CW	0.61	302	12	4200	400	7500	9300	100
8	3000118	F8T5D	0.61	302	12	6500	350	7500	9300	100
13	3000070	F13T5WW	0.61	531	21	3000	820	7500	9300	25
13	3000068	F13T5CW	0.61	531	21	4200	820	7500	9300	25
13	3000069	F13T5D	0.61	531	21	6500	700	7500	9300	25
ULTRA 5™ T5 High Efficiency (standard) 2,3 — 85 CRI										
14	3000377	F14T5/830	0.61	563	22	3000	1350	20000	25000	25
14	3000459	F14T5/835	0.61	563	22	3500	1350	20000	25000	25
14	3000378	F14T5/841	0.61	563	22	4100	1350	20000	25000	25
21	3000380	F21T5/830	0.61	863	34	3000	2100	20000	25000	25
21	3000460	F21T5/835	0.61	863	34	3500	2100	20000	25000	25
21	3000381	F21T5/841	0.61	863	34	4100	2100	20000	25000	25
28	3000383	F28T5/830	0.61	1163	46	3000	2900	20000	25000	25
28	3000462	F28T5/835	0.61	1163	46	3500	2900	20000	25000	25
28	3000384	F28T5/841	0.61	1163	46	4100	2900	20000	25000	25
28	3000385	F28T5/850	0.61	1163	46	5000	2700	20000	25000	25
35	3000386	F35T5/830	0.61	1463	58	3000	3650	20000	25000	25
35	3000463	F35T5/835	0.61	1463	58	3500	3650	20000	25000	25
35	3000387	F35T5/841	0.61	1463	58	4100	3650	20000	25000	25

1 These lamps are designed to operate on preheat ballasts.

2 These lamps are designed to operate on rapid start ballasts and the life ratings listed reflect this fact.

3 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.

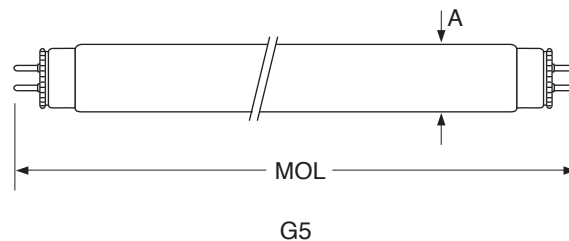
All dimensions shown in inches unless otherwise noted.

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

** Based on estimated commercial operating standards of

12 hours per start

Sold in Case Quantity only



(Hg) - LAMP CONTAINS MERCURY
 Manage in Accord with Disposal Laws
 See: www.lamprecycle.org

ULTRA 5™ HIGH OUTPUT SERIES

- Energy Efficient
- Linear Fluorescent Lamps
- Compact Lamp Diameter
- Bi-Pin G5 Base
- Universal Burn Position



Please see Safety and Handling Instructions on pages 88 & 89.

Watts	Ushio Ordering Code	Ushio Lamp Code	Dimensions			Color Temp K	Initial Lumens lm	Avg Rated Life* h	Commercial Life** h	Case Qty
			Dia (A)	MOL (mm)	MOL (in)					
ULTRA 5™ T5 High Output ^{1,2} — 85 CRI										
24	3000389	F24T5HO/830	0.61	563	22	3000	2000	20000	25000	25
24	3000461	F24T5HO/835	0.61	563	22	3500	2000	20000	25000	25
24	3000390	F24T5HO/841	0.61	563	22	4100	2000	20000	25000	25
39	3000392	F39T5HO/830	0.61	863	34	3000	3500	20000	25000	25
39	3000464	F39T5HO/835	0.61	863	34	3500	3500	20000	25000	25
39	3000393	F39T5HO/841	0.61	863	34	4100	3500	20000	25000	25
54	3000395	F54T5HO/830	0.61	1163	46	3000	5000	20000	25000	25
54	3000458	F54T5HO/835	0.61	1163	46	3500	5000	20000	25000	25
54	3000396	F54T5HO/841	0.61	1163	46	4100	5000	20000	25000	25
54	3000397	F54T5HO/850	0.61	1163	46	5000	4550	20000	25000	25

1 These lamps are designed to operate on rapid start ballasts and the life ratings listed reflect this fact.

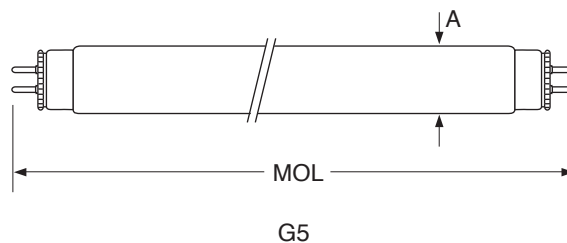
2 When using dimmers, dimming systems, or occupancy sensors, the lamp life will also be affected. The dimming system manufacturer can advise the affect of their system on lamp life.

All dimensions shown in inches unless otherwise noted.

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

** Based on estimated commercial operating standards of

12 hours per start
Sold in Case Quantity only



(Hg) - LAMP CONTAINS MERCURY
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ULTRA 8™ T8 FLUORESCENT LAMPS

ULTRA 8™ SERIES

- Energy Efficient
- Linear Fluorescent Lamps
- TCLP Compliant
- Cathode Guard to Prevent End Darkening
- Long Lamp Life
- Bi-Pin G13 Base
- Universal Burn Position



Please see Safety and Handling Instructions on pages 88 & 89.

Watts	Ushio Ordering Code	Ushio Lamp Code	Dimensions			Color Temp K	Initial Lumens lm	Avg Rated Life* h	Commercial Life** h	Case Qty
			Dia (A)	MOL (mm)	MOL (in)					
ULTRA 8™ T8 Preheat 1, 3										
15	3000081	F15T8WW	1.0	451	18	3000	800	5000	6500	25
15	3000079	F15T8CW	1.0	451	18	4200	875	5000	6500	25
15	3000080	F15T8D	1.0	451	18	6500	760	5000	6500	25
ULTRA 8™ T8 700 Series 2, 3 — 78 CRI										
17	3000082	F17T8/730	1.0	610	24	3000	1325	24000	30000	25
17	3000083	F17T8/735	1.0	610	24	3500	1325	24000	30000	25
17	3000084	F17T8/741	1.0	610	24	4100	1325	24000	30000	25
17	3000085	F17T8/750	1.0	610	24	5000	1325	24000	30000	25
25	3000090	F25T8/730	1.0	915	36	3000	2125	24000	30000	25
25	3000091	F25T8/735	1.0	915	36	3500	2125	24000	30000	25
25	3000092	F25T8/741	1.0	915	36	4100	2125	24000	30000	25
25	3000093	F25T8/750	1.0	915	36	5000	2125	24000	30000	25
32	3000095	F32T8/730	1.0	1219	48	3000	2850	24000	30000	25
ⓔ 32	3000096	F32T8/735	1.0	1219	48	3500	2850	24000	30000	25
32	3000097	F32T8/741	1.0	1219	48	4100	2850	24000	30000	25
ⓔ 32	3000098	F32T8/750	1.0	1219	48	5000	2850	24000	30000	25
ULTRA 8™ T8 800 Series 3, 4 — 86 CRI										
28	3000483	F28T8/830	1.0	1219	48	3000	2800	24000	30000	25
28	3000484	F28T8/835	1.0	1219	48	3500	2800	24000	30000	25
28	3000485	F28T8/841	1.0	1219	48	4100	2800	24000	30000	25
ULTRA 8™ T8 Tri-phosphor 800 Series 2, 3 — 86 CRI ▲900 Series 2, 3 — 95 CRI										
17	3000231	F17T8/830	1.0	610	24	3000	1400	24000	30000	25
17	3000260	F17T8/835	1.0	610	24	3500	1400	24000	30000	25
17	3000261	F17T8/841	1.0	610	24	4100	1400	24000	30000	25
17	3000262	F17T8/850	1.0	610	24	5000	1400	24000	30000	25
25	3000263	F25T8/830	1.0	915	36	3000	2250	24000	30000	25
25	3000264	F25T8/835	1.0	915	36	3500	2250	24000	30000	25
25	3000265	F25T8/841	1.0	915	36	4100	2250	24000	30000	25
25	3000266	F25T8/850	1.0	915	36	5000	2250	24000	30000	25
32	3000099	F32T8/830	1.0	1219	48	3000	3050	24000	30000	25
ⓔ 32	3000100	F32T8/835	1.0	1219	48	3500	3050	24000	30000	25
32	3000101	F32T8/841	1.0	1219	48	4100	3050	24000	30000	25
ⓔ 32	3000102	F32T8/850	1.0	1219	48	5000	3050	24000	30000	25
32	3000417	▲ F32T8/960	1.0	1219	48	6000	1960	24000	30000	25
ⓔ 32	3000480	F32T8/841/HL	1.0	1219	48	4100	3150	24000	30000	25
32	3000524	F32T8/850/HL	1.0	1219	48	5000	3150	24000	30000	25

ⓔ = This bulb meets US Federal Minimum Efficiency Standard

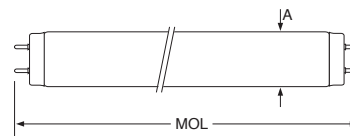
- 1 These lamps are designed to operate on preheat ballasts.
- 2 These lamps are designed to operate on rapid start ballasts and the life ratings listed reflect this fact.
- 3 When using dimmers, dimming systems, or occupancy sensors, the lamp life will also be affected. The dimming system manufacturer can advise the affect of their system on lamp life.
- 4 These lamps may operate on suitable energy saving 28W ballasts or instant start 32W electronic ballasts with a minimum starting voltage of 550V rms.

All dimensions shown in inches unless otherwise noted.

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

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

Sold in Case Quantity only



G13

(Hg) - LAMP CONTAINS MERCURY
Manage in Accord with Disposal Laws
See: www.lamprecycle.org

ULTRA 8™ T8 U-BEND & ULTRA 5000™ T10 SERIES

- Energy Efficient
- U-Bend & Linear Fluorescent Lamps
- Long Lamp Life
- Bi-Pin G13 Base

- Universal Burn Position



Please see Safety and Handling Instructions on pages 88 & 89.

Watts	Ushio Ordering Code	Ushio Lamp Code	Dimensions			Color Temp K	CRI	Initial Lumens lm	Avg Rated Life* h	Commercial Life** h	Case Qty
			Dia (A)	MOL (mm)	MOL (in)						
ULTRA 8™ T8 U-Bend 1, 2											
32	3000271	FB32T8/730/6	1.0	584	23	3000	75	2650	24000	30000	20
32	3000272	FB32T8/735/6	1.0	584	23	3500	75	2650	24000	30000	20
32	3000273	FB32T8/741/6	1.0	584	23	4100	75	2650	24000	30000	20
32	3000274	FB32T8/750/6	1.0	584	23	5000	75	2650	24000	30000	20
ULTRA 8™ T8 U-Bend Tri-phosphor 800 Series 1, 2											
28	3000503	FB28T8/830	1.0	584	23	3000	86	2800	24000	30000	20
28	3000504	FB28T8/835	1.0	584	23	3500	86	2800	24000	30000	20
28	3000505	FB28T8/841	1.0	584	23	4100	86	2800	24000	30000	20
32	3000275	FB32T8/830/6	1.0	584	23	3000	85	2900	24000	30000	20
32	3000276	FB32T8/835/6	1.0	584	23	3500	85	2900	24000	30000	20
32	3000277	FB32T8/841/6	1.0	584	23	4100	85	2900	24000	30000	20
32	3000278	FB32T8/850/6	1.0	584	23	5000	84	2750	24000	30000	20
ULTRA 5000™ T10 Fluorescent 2											
40	3000282	F40T10/950	1.3	1219	48	5000	90	3500	20000	30000	25

ⓔ = This bulb meets US Federal Minimum Efficiency Standard

- These lamps are designed to operate on rapid start ballasts and the life ratings listed reflect this fact.
- 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.

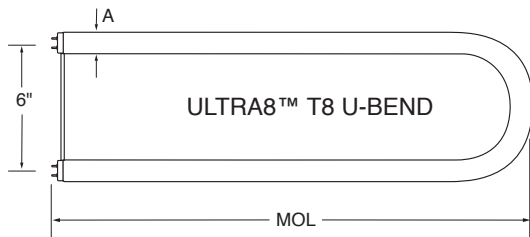
All dimensions shown in inches unless otherwise noted.

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

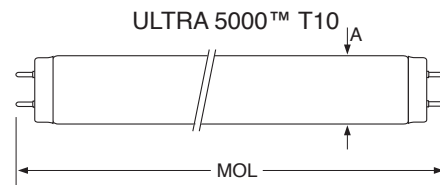
** Based on estimated commercial operating standards of

12 hours per start

Sold in Case Quantity only

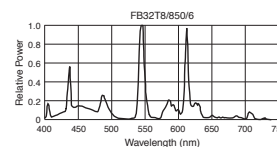
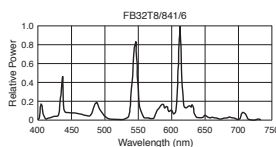
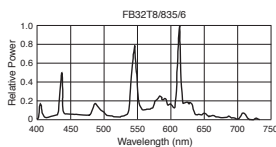
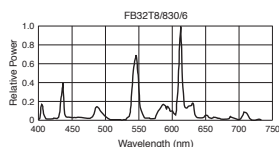
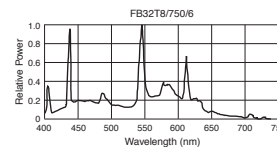
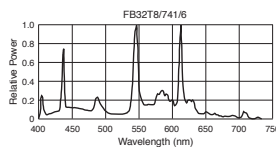
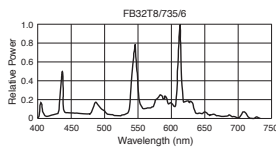
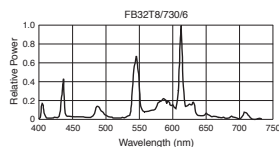


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ULTRA 8™ T8 U-BEND



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Manage in Accord with Disposal Laws
See: www.lamprecycle.org

LU SERIES

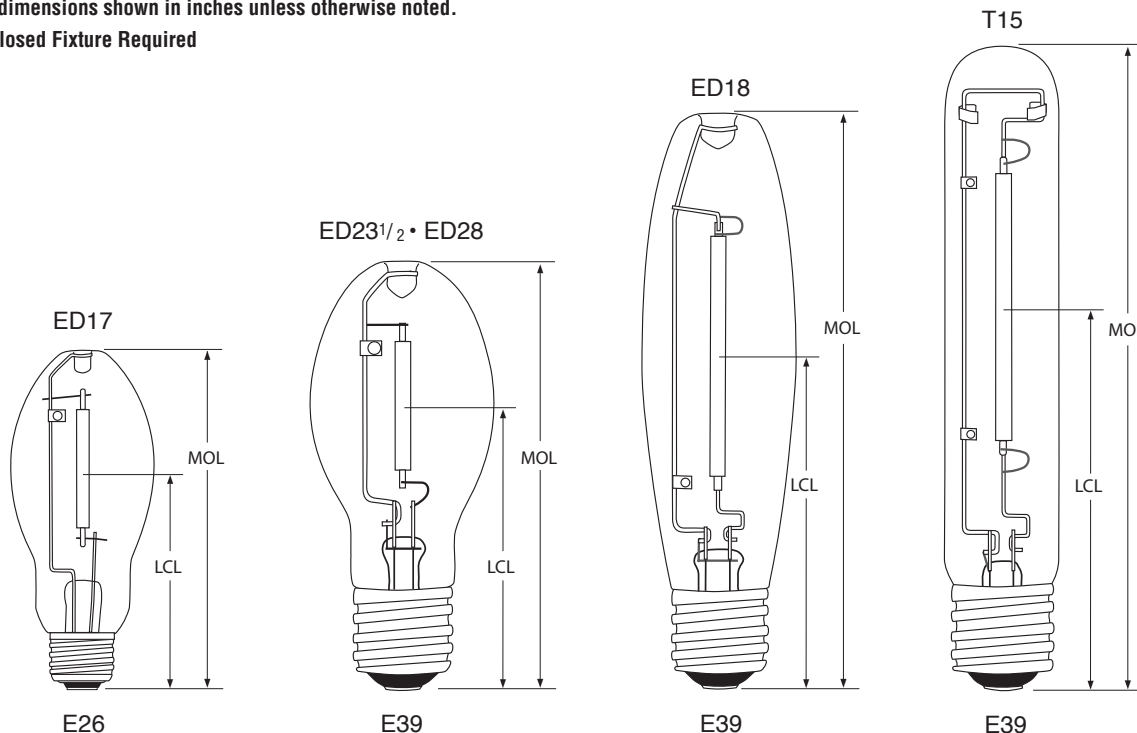
- High Efficacy
- Long Life - 24,000 Hours Average
- Universal Burn Position

Please see Safety and Handling Instructions on page 89.



Watts	Ushio Ordering Code	Ushio Lamp Code	Dimensions				Color Temp K	Initial Lumens lm	Mean Lumens	Avg Life h	Ballast	Case Qty
			MOL (mm)	MOL (in)	LCL (mm)	LCL (in)						
Single Ended Medium Screw Base – E26												
35	5000050	LU-35/MED, ED17	138	5.44	84	3.31	2000	2250	2025	24000	S76HA-35	12
50	5000056	LU-50/MED, ED17	138	5.44	84	3.31	2000	4000	3525	24000	S68LP-50	12
70	5000060	LU-70/MED, ED17	138	5.44	84	3.31	2000	6400	5450	24000	S62LG-70	12
100	5000040	LU-100/MED, ED17	138	5.44	84	3.31	2000	9500	8550	24000	S54SG-100	12
150	5000045	LU-150/MED, ED17	138	5.44	84	3.31	2000	16000	14400	24000	S55RN-150	12
Single Ended Mogul Screw Base – E39												
50	5000053	LU-50, ED23 1/2	186	7.31	127	5.00	2000	4000	3525	24000	S68MS-50	12
70	5000057	LU-70, ED23 1/2	186	7.31	127	5.00	2000	6300	5300	24000	S62ME-70	12
100	5000037	LU-100, ED23 1/2	186	7.31	127	5.00	2000	9500	8550	24000	S54SB-100	12
150	5000042	LU-150/55, ED23 1/2	186	7.31	127	5.00	2000	16000	14400	24000	S55SC-150	12
150	5000967	LU-150/100, ED28	211	8.31	127	5.00	2000	15000	13000	24000	S56SD-150	12
200	5000046	LU-200, ED18	248	9.75	146	5.75	2000	22000	19800	24000	S66MN-200	12
250	5000047	LU-250, T15	260	10.75	158	6.25	2000	28500	25500	24000	S50VA-250	12
250	5001138	LU-250, ED18	248	9.75	146	5.75	2000	28500	25500	24000	S50VA-250	12
250	5001126	LU-250, ED28	211	8.31	127	5.00	2000	28500	25500	24000	S50VA-250	12
400	5000051	LU-400, ED18	248	9.75	146	5.75	2000	48000	43500	24000	S51WA-400	12
400	5001127	LU-400, T15	292	11.5	175	6.88	2000	48000	43500	24000	S51WA-400	12

All dimensions shown in inches unless otherwise noted.
Enclosed Fixture Required



Hg - LAMP CONTAINS MERCURY
Manage in Accord with Disposal Laws
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