

QUICK REFERENCE GUIDE

CONSTANT CURRENT LED DRIVERS (continued)

Wattage Family	Output Current Range	Catalog Number	Input Voltage	Power Factor	Dimming
100W	500-3200mA	KTLD-100-UV-xxx-67-AP4	120-277V	>0.9	N/A
	530-3200mA	KTLD-100-UV-xxx-L5	120-277V	>0.9	N/A
	530-3200mA	KTLD-100-UV-xxx-VDIM-67-AP4	120-277V	>0.9	0-10V
	500-3200mA	KTLD-100-UV-xxx-VDIM-L5	120-277V	>0.9	0-10V
	1580-2240mA	KTLD-100-UV-xxx-VDIM-W3	120-277V	>0.9	0-10V
	460-1000mA (4 Channel)	KTLD-100-UV-4xxx-VDIM-L18	120-277V	>0.9	0-10V
150W	530-2500mA	KTLD-150-UV-xxx-AU1	120-277V	>0.9	N/A
150W	530-1600mA	KTLD-150-UV-xxx-67-AP3	120-277V	>0.9	N/A
	530-2500mA	KTLD-150-UV-xxx-VDIM-AU1	120-277V	>0.9	0-10V
	530-2500mA	KTLD-150-UV-xxx-VDIM-67-AP3	120-277V	>0.9	0-10V
200W	700-1400mA	KTLD-200-UV-xxx-67-AP5	120-277V	>0.9	N/A
	700-1400mA	KTLD-200-UV-xxx-VDIM-67-AP5	120-277V	>0.9	0-10V
400W	2000mA	KTLD-400-UV-2000-67-AP7	120-277V	>0.9	0-10V

*"xxx" in the part number is a placeholder for the output current value. For example, KTLD-12-1-350-FDIM-AFI has an output current of 350mA.

CONSTANT VOLTAGE LED DRIVERS

Family	Keystone Part Number	Input Voltage	Output Voltage	Max. Output Power	Case Style
24W	KTLD-24-UV-12V-AK1	120-277V	12Vdc	24W	AK1
	KTLD-24-UV-24V-AK1	120-277V	24Vdc	24W	AK1
60W	KTLD-60-1-12V	120V	12Vdc	60W	L5
	KTLD-60-1-24V	120V	24Vdc	60W	L5
	KTLD-60-1N-12V-L2	120V	12Vdc	60W	L2
	KTLD-60-UV-12V	120-277V	12Vdc	60W	L5
	KTLD-60-UV-24V	120-277V	24Vdc	60W	L5
	KTLD-60-UV-24V-67-AP4	120-277V	24Vdc	60W	AP4
	KTLD-60-UV-24V	120-277V	24Vdc	60W	L5
100W	KTLD-100-UV-24V	120-277V	24Vdc	100W	L5
120W	KTLD-120-UV-12V-L10	120-277V	24Vdc	120W	L10

ELECTRONIC BALLASTS

Category	Primary Lamp Type	No. of Lamps	Input Volts	Catalog Number	Description
T12	F20T12	1	120V	KTEB-120-1-TP	F20T12, Normal Power Factor
				KTEB-120-1-TP-EMI	F20T12, FCC Class B, Normal Power Factor
	F40T12	1	120V	KTEB-220-1-TP-EMI	F20T12, FCC Class B, Normal Power Factor
				KTEB-140-1-TP-EMI	F40T12, FCC Class B, Normal Power Factor
		2	120V	KTEB-240-1-TP-PIC	F40T12, F40T12ES, and F34T12, High Power Factor
				120-277V	KTEB-240-UV-TP-PIC
	F96T12	1 or 2	120V	KTEB-275-1-TP-PIC-SL	F96T12 and F96T12ES
				120-277V	KTEB-275-UV-TP-PIC
		1 or 2	120-277V	KTEB-275-UV-TP-PIC-SL	F48/72/96 T12
	F96T12HO	1 or 2	120V	KTEB-2110-1-TP-PIC	F96T12HO and F96T12HOES
120-277V				KTEB-2110-UV-TP-PIC	F96T12HO and F96T12HOES
T8 Instant Start High Efficiency	F32T8	2	120-277V	KTEB-232-UV-IS-N-P	F17/25/32 T8, Standard Output
				KTEB-232-UV-IS-L-P	F17/25/32 T8, Reduced Output
				KTEB-232-UV-IS-H-P	F17/25/32 T8, High Output
		3	120-277V	KTEB-332-UV-IS-N-P	F17/25/32 T8, Standard Output
				KTEB-332-UV-IS-L-P	F17/25/32 T8, Reduced Output
				KTEB-332-UV-IS-H-P	F17/25/32 T8, High Output
	4	120V	KTEB-432-1-IS-N-P	F17/25/32 T8, Standard Output	
			120-277V	KTEB-432-UV-IS-N-P	F17/25/32 T8, Standard Output
4	120-277V	KTEB-432-UV-IS-L-P	F17/25/32 T8, Reduced Output		
		KTEB-432-UV-IS-H-P	F17/25/32 T8, High Output		

Specifications subject to change without notice. For complete product specifications, visit www.keystonetech.com

FLUORESCENT BALLASTS

T12



ELECTRICAL SPECIFICATIONS

No. of Lamps	Input Power	Catalog Number	Input Volts	Starting Method	Line Current	Min. Power Factor	Max. THD	Ballast Factor	Min. Start Temperature	Max. Case Temperature	Case Style
F14T12											
1	16W	CC1322MTP*	120V	Preheat	0.33A	0.40	15%	0.80	0°C/32°F	90°C/194°F	B2
	15W	KTEB-120-1-TP	120V	Rapid	0.24A	0.50	150%	1.00	-18°C/0°F	75°C/167°F	X1
		KTEB-120-1-TP-EMI	120V	Rapid	0.24A	0.50	150%	1.00	-18°C/0°F	75°C/167°F	L7
2	27W	KTEB-220-1-TP-EMI	120V	Rapid	0.42A	0.50	150%	0.85	-18°C/0°F	75°C/167°F	L7
F15T12											
1	17W	CC1322MTP*	120V	Preheat	0.32A	0.45	15%	0.85	0°C/32°F	90°C/194°F	B2
	14W	KTEB-125-1-TP-FC	120V	Rapid	0.21A	0.52	160%	0.82	-18°C/0°F	75°C/167°F	V2
		KTEB-132-1-TP-FC	120V	Rapid	0.21A	0.52	160%	0.82	-18°C/0°F	75°C/167°F	V2
	17W	KTEB-120-1-TP	120V	Rapid	0.26A	0.50	150%	1.00	-18°C/0°F	75°C/167°F	X1
KTEB-120-1-TP-EMI		120V	Rapid	0.26A	0.50	150%	1.00	-18°C/0°F	75°C/167°F	L7	
2	36W	KTEB-220-1-TP-EMI	120V	Rapid	0.52A	0.50	150%	1.02	-18°C/0°F	75°C/167°F	L7
F20T12											
1	17W	CC1322MTP*	120V	Preheat	0.24A	0.60	15%	0.65	0°C/32°F	90°C/194°F	B2
	18W	KTEB-120-1-TP	120V	Rapid	0.27A	0.50	150%	0.90	-18°C/0°F	75°C/167°F	X1
		KTEB-120-1-TP-EMI	120V	Rapid	0.27A	0.50	150%	0.90	-18°C/0°F	75°C/167°F	L7
	17W	KTEB-125-1-TP-FC	120V	Rapid	0.26A	0.52	160%	0.90	-18°C/0°F	75°C/167°F	V2
		KTEB-132-1-TP-FC	120V	Rapid	0.26A	0.52	160%	0.90	-18°C/0°F	75°C/167°F	V2
2	36W	KTEB-220-1-TP-EMI	120V	Rapid	0.52A	0.50	150%	0.87	-18°C/0°F	75°C/167°F	L7
F30T12											
1	21W	KTEB-125-1-TP-FC	120V	Rapid	0.29A	0.52	160%	0.66	-18°C/0°F	75°C/167°F	V2
		KTEB-132-1-TP-FC	120V	Rapid	0.29A	0.50	160%	0.66	-18°C/0°F	75°C/167°F	V2
2	47W	KTEB-240-1-TP	120V	Rapid	0.73A	0.55	150%	0.85	-18°C/0°F	75°C/167°F	L1
	58W	KTEB-240-1-TP-PIC	120V	Rapid	0.49A	0.99	10%	0.88	-18°C/0°F	75°C/167°F	L6
		KTEB-240-UV-TP-PIC	120-277V	Rapid	0.49A-0.22A	0.99	10%	0.88	-18°C/0°F	75°C/167°F	L6
F34T12											
1	24W	KTEB-125-1-TP-FC	120V	Rapid	0.34A	0.52	160%	0.70	-18°C/0°F	75°C/167°F	V2
		KTEB-132-1-TP-FC	120V	Rapid	0.34A	0.52	160%	0.70	-18°C/0°F	75°C/167°F	V2
F40T12											
1	25W	KTEB-125-1-TP-FC	120V	Rapid	0.34A	0.56	160%	0.65	-18°C/0°F	75°C/167°F	V2
		KTEB-132-1-TP-FC	120V	Rapid	0.34A	0.56	160%	0.65	-18°C/0°F	75°C/167°F	V2
2	36W	KTEB-140-1-TP-EMI	120V	Rapid	0.53A	0.50	150%	0.88	-18°C/0°F	75°C/167°F	L7
	58W	KTEB-240-1-TP	120V	Rapid	0.87A	0.50	150%	0.75	-18°C/0°F	75°C/167°F	L1
	74W	KTEB-240-1-TP-PIC	120V	Rapid	0.62A	0.99	10%	0.88	-18°C/0°F	75°C/167°F	L6
		KTEB-240-UV-TP-PIC	120V	Rapid	0.62-0.27A	0.99	10%	0.88	-18°C/0°F	75°C/167°F	L6
F40T12 (34W ENERGY SAVER)											
1	30W	KTEB-140-1-TP-EMI	120V	Rapid	0.45A	0.50	150%	0.88	-18°C/0°F	75°C/167°F	L7
2	48W	KTEB-240-1-TP	120V	Rapid	0.76A	0.50	150%	0.73	-18°C/0°F	75°C/167°F	L1
	63W	KTEB-240-1-TP-PIC	120V	Rapid	0.53A	0.99	10%	0.85	-18°C/0°F	75°C/167°F	L6
	74W	KTEB-240-UV-TP-PIC	120-277V	Rapid	0.62A-0.27A	0.98	10%	0.88	-18°C/0°F	75°C/167°F	L6
F48T12 (40W)											
2	64W	KTEB-275-1-TP-PIC-SL	120V	Instant	0.68A	0.99	12%	0.92	-18°C/0°F	75°C/167°F	L3
		KTEB-275-UV-TP-PIC	120-277V	Instant	0.68-0.30A	0.99	12%	0.92	-18°C/0°F	75°C/167°F	AA1
		KTEB-275-UV-TP-PIC-SL	120-277V	Instant	0.68-0.30A	0.99	12%	0.92	-18°C/0°F	75°C/167°F	L3
F48T12 (30W ENERGY SAVER)											
2	64W	KTEB-275-1-TP-PIC-SL	120V	Instant	0.60A	0.98	12%	0.92	16°C/60°F	75°C/167°F	L3
		KTEB-275-UV-TP-PIC	120-277V	Instant	0.60-0.26A	0.95	12%	0.92	16°C/60°F	75°C/167°F	AA1
		KTEB-275-UV-TP-PIC-SL	120-277V	Instant	0.60-0.26A	0.95	12%	0.92	16°C/60°F	75°C/167°F	L3

*electromagnetic ballast

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FLUORESCENT BALLASTS

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ELECTRICAL SPECIFICATIONS

No. of Lamps	Input Power	Catalog Number	Input Volts	Starting Method	Line Current	Min. Power Factor	Max. THD	Ballast Factor	Min. Start Temperature	Max. Case Temperature	Case Style
F13T8											
1	16W	KTEB-126-1-TP	120V	Rapid	0.27A	0.50	160%	1.10	-18°C/0°F	75°C/167°F	S1
		KTEB-126-1-TP-LC	120V	Rapid	0.27A	0.50	160%	1.10	-18°C/0°F	75°C/167°F	L2
F14T8											
1	16W	CC1322MTP*	120V	Preheat	0.33A	0.40	15%	0.80	0°C/32°F	90°C/194°F	B2
	15W	KTEB-120-1-TP	120V	Rapid	0.24A	0.50	150%	1.10	-18°C/0°F	75°C/167°F	X1
		KTEB-120-1-TP-EMI	120V	Rapid	0.24A	0.50	150%	1.10	-18°C/0°F	75°C/167°F	L7
2	27W	KTEB-220-1-TP-EMI	120V	Rapid	0.42A	0.50	150%	0.85	-18°C/0°F	75°C/167°F	L7
F15T8											
1	17W	CC1322MTP*	120V	Preheat	0.27A	0.50	15%	0.82	0°C/32°F	90°C/194°F	B2
		KTEB-120-1-TP	120V	Rapid	0.26A	0.50	150%	1.10	-18°C/0°F	75°C/167°F	X1
		KTEB-120-1-TP-EMI	120V	Rapid	0.26A	0.50	150%	1.10	-18°C/0°F	75°C/167°F	L7
	16W	KTEB-125-1-TP-FC	120V	Rapid	0.27A	0.48	160%	1.00	-18°C/0°F	75°C/167°F	V2
	17W	KTEB-126-1-TP	120V	Rapid	0.27A	0.50	150%	1.00	-18°C/0°F	75°C/167°F	S1
		KTEB-126-1-TP-LC	120V	Rapid	0.27A	0.50	150%	1.00	-18°C/0°F	75°C/167°F	L2
		KTEB-132-1-TP-EMI	120V	Rapid	0.27A	0.50	150%	1.10	-18°C/0°F	75°C/167°F	L7
	16W	KTEB-132-1-TP-FC	120V	Rapid	0.27A	0.48	160%	1.00	-18°C/0°F	75°C/167°F	V2
	17W	KTEB-232-1-IS-N	120V	Instant	0.15A	0.96	10%	0.91	-18°C/0°F	75°C/167°F	L9
	20W	KTEB-232RIS-1-TP-SL	120V	Instant	0.32A	0.52	150%	0.90	-18°C/0°F	75°C/167°F	N3
2	32W	KTEB-220-1-TP-EMI	120V	Rapid	0.48A	0.50	150%	1.00	-18°C/0°F	75°C/167°F	L7
	25W	KTEB-232-1-IS-N	120V	Instant	0.21A	0.97	10%	0.77	-18°C/0°F	75°C/167°F	L9
	28W	KTEB-232RIS-1-TP-SL	120V	Instant	0.43A	0.50	160%	0.80	-18°C/0°F	75°C/167°F	N3
	29W	KTEB-2C72-1-TP	120V	Rapid	0.45A	0.50	160%	0.80	-18°C/0°F	75°C/167°F	L1
F17T8											
1	19W	KTEB-120-1-TP	120V	Rapid	0.29A	0.50	150%	1.15	-18°C/0°F	75°C/167°F	X1
		KTEB-120-1-TP-EMI	120V	Rapid	0.29A	0.50	150%	1.15	-18°C/0°F	75°C/167°F	L7
	18W	KTEB-125-1-TP-FC	120V	Rapid	0.29A	0.50	160%	1.00	-18°C/0°F	75°C/167°F	V2
	20W	KTEB-126-1-TP	120V	Rapid	0.31A	0.50	150%	1.00	-18°C/0°F	75°C/167°F	S1
		KTEB-126-1-TP-LC	120V	Rapid	0.31A	0.50	150%	1.00	-18°C/0°F	75°C/167°F	L2
		KTEB-132-1-TP-EMI	120V	Rapid	0.31A	0.50	150%	1.15	-18°C/0°F	75°C/167°F	L7
	18W	KTEB-132-1-TP-FC	120V	Rapid	0.29A	0.50	160%	1.00	-18°C/0°F	75°C/167°F	V2
	20W	KTEB-132-UV-PS-N-P	120-277V	Program	0.17-0.08A	0.95	10%	0.88	-18°C/0°F	75°C/167°F	L30
	21W	KTEB-132-UV-TP-SL	120-277V	Rapid	0.18-0.08A	0.96	12%	1.00	-18°C/0°F	75°C/167°F	L34
	22W	KTEB-232-1-IS-N	120V	Instant	0.19A	0.97	10%	1.18	-18°C/0°F	75°C/167°F	L9
	20W	KTEB-232-3-IS-N	347V	Instant	0.07A	0.90	15%	1.07	-18°C/0°F	90°C/194°F	L5
	25W	KTEB-232RIS-1-TP-SL	120V	Instant	0.39A	0.54	150%	1.10	-18°C/0°F	75°C/167°F	N3
	28W	KTEB-232-UV-IS-H-P	120-277V	Instant	0.26-0.13A	0.92	15%	1.38	-18°C/0°F	75°C/167°F	L4
	18W	KTEB-232-UV-IS-L-P	120-277V	Instant	0.15-0.07A	0.95	12%	1.05	-18°C/0°F	75°C/167°F	L4
	21W	KTEB-232-UV-IS-N-P	120-277V	Instant	0.17-0.08A	0.95	15%	1.25	-18°C/0°F	75°C/167°F	L4
	30W	KTEB-232-UV-PS-H-P	120-277V	Program	0.25-0.12A	0.93	15%	1.44	-18°C/0°F	75°C/167°F	L5
	21W	KTEB-232-UV-PS-L-P	120-277V	Program	0.17-0.08A	0.95	15%	0.84	-18°C/0°F	75°C/167°F	L4
	24W	KTEB-232-UV-PS-N-P	120-277V	Program	0.38-0.17A	0.97	12%	0.99	-18°C/0°F	75°C/167°F	L4

*electromagnetic ballast

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FLUORESCENT BALLASTS

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ELECTRICAL SPECIFICATIONS

No. of Lamps	Input Power	Catalog Number	Input Volts	Starting Method	Line Current	Min. Power Factor	Max. THD	Ballast Factor	Min. Start Temperature	Max. Case Temperature	Case Style
F17T8 (continued)											
2	37W	KTEB-220-1-TP-EMI	120V	Rapid	0.54A	0.50	150%	1.02	-18°C/0°F	75°C/167°F	L7
	34W	KTEB-232-1-IS-N	120V	Instant	0.28A	0.98	10%	0.88	-18°C/0°F	75°C/167°F	L9
	32W	KTEB-232-3-IS-N	347V	Instant	0.09A	0.90	10%	0.91	-18°C/0°F	90°C/194°F	L5
	34W	KTEB-232RIS-1-TP-SL	120V	Instant	0.50A	0.54	150%	0.93	-18°C/0°F	75°C/167°F	N3
	32W	KTEB-232SIS-1-TP	120V	Instant	0.52A	0.50	150%	0.95	-18°C/0°F	75°C/167°F	L9
	41W	KTEB-232-UV-IS-H-P	120-277V	Instant	0.38-0.18A	0.95	15%	1.18	-18°C/0°F	75°C/167°F	L4
	25W	KTEB-232-UV-IS-L-P	120-277V	Instant	0.21-0.10A	0.95	12%	0.80	-18°C/0°F	75°C/167°F	L4
	30W	KTEB-232-UV-IS-N-P	120-277V	Instant	0.24-0.12A	0.95	12%	0.90	-18°C/0°F	75°C/167°F	L4
	28-65W	KTEB-232-UV-PS-CDIM*	120-277V	Program	0.52-0.12A	0.90	20%	0.85	10°C/50°F	65°C/149°F	U4
	44W	KTEB-232-UV-PS-H-P	120-277V	Program	0.37-0.16A	0.96	12%	1.18	-18°C/0°F	75°C/167°F	L5
	31W	KTEB-232-UV-PS-L-P	120-277V	Program	0.25-0.12A	0.97	12%	0.77	-18°C/0°F	75°C/167°F	L4
	35W	KTEB-232-UV-PS-N-P	120-277V	Program	0.30-0.13A	0.96	10%	0.88	-18°C/0°F	75°C/167°F	L4
	28-65W	KTEB-232-UV-PS-VDIM**	120-277V	Program	0.52-0.12A	0.90	20%	0.85	10°C/50°F	65°C/149°F	U4
	36W	KTEB-2C72-1-TP	120V	Rapid	0.60A	0.50	160%	0.95	-18°C/0°F	75°C/167°F	L1
	46W	KTEB-332-UV-IS-H-P	120-277V	Instant	0.41-0.19A	0.95	15%	1.20	-18°C/0°F	75°C/167°F	L4
	35W	KTEB-332-UV-IS-L-P	120-277V	Instant	0.28-0.14A	0.92	15%	0.94	-18°C/0°F	75°C/167°F	L4
	38W	KTEB-332-UV-IS-N-P	120-277V	Instant	0.31-0.14A	0.93	15%	1.01	-18°C/0°F	75°C/167°F	L4
	49W	KTEB-332-UV-PS-H-P	120-277V	Program	0.40-0.19A	0.95	15%	1.30	-18°C/0°F	75°C/167°F	L5
36W	KTEB-332-UV-PS-L-P	120-277V	Program	0.30-0.14A	0.95	15%	0.84	-18°C/0°F	75°C/167°F	L5	
41W	KTEB-332-UV-PS-N-P	120-277V	Program	0.33-0.15A	0.95	10%	0.98	-18°C/0°F	75°C/167°F	L5	
3	60W	KTEB-332-UV-IS-H-P	120-277V	Instant	0.54-0.24A	0.97	12%	1.19	-18°C/0°F	75°C/167°F	L4
	42W	KTEB-332-UV-IS-L-P	120-277V	Instant	0.35-0.15A	0.95	12%	0.82	-18°C/0°F	75°C/167°F	L4
	46W	KTEB-332-UV-IS-N-P	120-277V	Instant	0.39-0.17A	0.97	10%	0.92	-18°C/0°F	75°C/167°F	L4
	62W	KTEB-332-UV-PS-H-P	120-277V	Program	0.52-0.23A	0.96	12%	1.18	-18°C/0°F	75°C/167°F	L5
	45W	KTEB-332-UV-PS-L-P	120-277V	Program	0.37-0.17A	0.96	12%	0.77	-18°C/0°F	75°C/167°F	L5
	51W	KTEB-332-UV-PS-N-P	120-277V	Program	0.42-0.19A	0.97	10%	0.90	-18°C/0°F	75°C/167°F	L5
	50W	KTEB-432-3-IS-N	347V	Instant	0.15A	0.90	12%	0.98	-18°C/0°F	90°C/194°F	L5
	60W	KTEB-432RIS-1-TP-SL	120V	Instant	0.96A	0.50	140%	0.88	-18°C/0°F	75°C/167°F	L11
	66W	KTEB-432-UV-IS-H-P	120-277V	Instant	0.52-0.24A	0.95	10%	0.27	-18°C/0°F	75°C/167°F	L5
	47W	KTEB-432-UV-IS-L-P	120-277V	Instant	0.39-0.17A	0.95	15%	0.90	-18°C/0°F	75°C/167°F	L4
	51W	KTEB-432-UV-IS-N-P	120-277V	Instant	0.43-0.18A	0.95	15%	0.99	-18°C/0°F	75°C/167°F	L4
	49W	KTEB-432-UV-PS-L-P	120-277V	Program	0.40-0.18A	0.96	12%	0.82	-18°C/0°F	75°C/167°F	L5
53W	KTEB-432-UV-PS-N-P	120-277V	Program	0.45-0.21A	0.95	10%	0.94	-18°C/0°F	75°C/167°F	L5	
4	60W	KTEB-432RIS-1-TP-SL	120V	Instant	0.96A	0.50	140%	0.88	-18°C/0°F	75°C/167°F	L11
	60W	KTEB-432-3-IS-N	347V	Instant	0.19A	0.90	10%	0.89	-18°C/0°F	90°C/194°F	L5
	79W	KTEB-432-UV-IS-H-P	120-277V	Instant	0.63-0.29A	0.97	10%	1.20	-18°C/0°F	75°C/167°F	L5
	53W	KTEB-432-UV-IS-L-P	120-277V	Instant	0.44-0.20A	0.98	10%	0.79	-18°C/0°F	75°C/167°F	L4
	59W	KTEB-432-UV-IS-N-P	120-277V	Instant	0.49-0.22A	0.97	10%	0.90	-18°C/0°F	75°C/167°F	L4
	56W	KTEB-432-UV-PS-L-P	120-277V	Program	0.46-0.21A	0.97	12%	0.74	-18°C/0°F	75°C/167°F	L5
	63W	KTEB-432-UV-PS-N-P	120-277V	Program	0.52-0.24A	0.97	10%	0.90	-18°C/0°F	75°C/167°F	L5
F18T8											
1	18W	KTEB-120-1-TP	120V	Rapid	0.27A	0.50	150%	0.95	-18°C/0°F	75°C/167°F	X1
		KTEB-120-1-TP-EMI	120V	Rapid	0.27A	0.50	150%	0.95	-18°C/0°F	75°C/167°F	L7
		KTEB-126-1-TP	120V	Rapid	0.28A	0.50	160%	0.95	-18°C/0°F	75°C/167°F	S1
		KTEB-126-1-TP-LC	120V	Rapid	0.28A	0.50	160%	0.95	-18°C/0°F	75°C/167°F	L2
2	34W	KTEB-220-1-TP-EMI	120V	Rapid	0.50A	0.50	150%	0.92	-18°C/0°F	75°C/167°F	L7

* 0-10V or phase control dimming **0-10V dimming

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REFERENCES

OBSOLETE PRODUCT GUIDE

CATALOG NUMBER OF OBSOLETE ITEM	REPLACED WITH	KEY DIFFERENCES
113ATP	No Replacement	N/A
120TP	KTEB-120-1-TP-EMI	Electronic, Same Mounting and Wiring
122TPWS	KTEB-1C22-1-TP-WS	Electronic, Smaller Footprint
140TP	KTEB-140-1-TP-EMI	Electronic, Same Mounting and Wiring
140TPWS	KTEB-140-1-TP-EMI-WS	Electronic, Same Mounting and Wiring
154TPWS	KTEB-2C72-1-TP-WS	Electronic, Same Mounting and Wiring
172TPWS	KTEB-2C72-1-TP-WS	Electronic, Same Mounting and Wiring
213TPES	No Replacement	N/A
220TP	KTEB-220-1-TP-EMI	Electronic, Same Mounting and Wiring
234TPH	KTEB-240-1-TP-PIC	Electronic, Same Mounting and Wiring
240TPES	No Replacement	N/A
296TPH	KTEB-275-1-TP-PIC-SL	Electronic, 120V, 9" Case
240TPH277	KTEB-240-UV-TP-PIC	Electronic 120-277V, Same Mounting
240TPH	KTEB-240-1-TP-PIC	Electronic, Same Mounting and Wiring
240TPLW	KTEB-240-1-TP-PIC	Electronic, Same Mounting and Wiring
296HOTPH277	KTEB-2110-UV-TP-PIC	Electronic 120-277V, Same Mounting
296HOTPH	KTEB-2110-UV-TP-PIC	Electronic 120-277V, Same Mounting
296TPH277	KTEB-275-UV-TP-PIC	Electronic 120-277V, Same Mounting
IL-xx* Series	No Replacement	N/A
KTEB-132LBF-UV-TP-PIC	No Replacement	N/A
KTEB-1C22-1-TP-WS-LC	KTEB-1C22-1-TP-WS	New Unit has a Smaller Case
KTEB-1C3032-1-TP-WS-LC	KTEB-140-1-TP-EMI-WS	New Unit Operates More Lamp Combinations
KTEB-213-UV-TP-PSD	KTEB-213-UV-PS-DW	None
KTEB-218-UV-TP-PSD	KTEB-218-UV-PS-DW	None
KTEB-226-UV-TP-PSD	KTEB-226-UV-PS-DW	None
KTEB-232LBF-1-TP-PIC-SL	KTEB-232-1-IS-N	None
KTEB-232LBF-UV-TP-PIC	KTEB-232-UV-IS-N-P	New Unit has Improved Energy Efficiency
KTEB-232LBF-UV-TP-PIC-SL	KTEB-232-UV-IS-N-P	New Unit has Improved Energy Efficiency
KTEB-232RIS-1-TP	KTEB-232RIS-1-TP-SL	New Model is Slightly Narrower
KTEB-260-1-TP-PIC	KTEB-275-1-TP-PIC-SL	New Unit Operates a Wider Range of Lamps
KTEB-332LBF-1-TP-PIC	KTEB-332-UV-IS-N-P	New Unit has Improved Energy Efficiency
KTEB-332LBF-UV-TP-PIC	KTEB-332-UV-IS-N-P	New Unit has Improved Energy Efficiency
KTEB-432LBF-1-TP	KTEB-432-UV-IS-N-P	None
KTEB-432LBF-UV-TP-PIC	KTEB-432-UV-IS-N-P	New Unit has Improved Energy Efficiency
KTLD-30-UV-0A80-VDIM-SC	25W & 36W LED Drivers	Larger Wattage Range
KTLD-32-1-0A80-FDIM	36W LED Drivers	Larger Wattage Range
KTLD-60-UV-1214V/A	KTLD-60-UV-12V	None
KTSB-0412-12-1-TP	No Replacement	N/A
KTSB-0620-24-1-TP	No Replacement	N/A
KTSB-1224-24-1-TP	No Replacement	N/A
KTSB-1240-46-1-TP	No Replacement	N/A
KTSB-2040-24-1-TP	No Replacement	N/A
KTSB-2448-46-1-TP	No Replacement	N/A
RL40P	KTEB-140-1-TP-EMI	Electronic, Same Mounting and Wiring
RSL40P	KTEB-140-1-TP-EMI	Electronic, Same Mounting and Wiring
TR20P	KTEB-120-1-TP-EMI	Electronic, Same Mounting and Wiring
KTEB-132-UV-IS-N-P	KTEB-232-UV-IS-N-P	Cap Leads for 1 Lamp Application
KTEB-132-UV-IS-L-P	KTEB-232-UV-IS-L-P	Cap Leads for 1 Lamp Application
KTEB-132-UV-IS-H-P	KTEB-232-UV-IS-H-P	Cap Leads for 1 Lamp Application
KTEB-454HO-UV-PS-SL	KTEB-454HO-UV-PS	Different Case Size
KTEB-428HE-UV-PS	No Replacement	N/A

* "xx" denotes several case styles available.

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