

Electronic Ballasts for Compact Fluorescent Lamps

Product Overview

Ultrasave's extensive line of electronic ballasts for compact fluorescent lamps are available in both bottom or dual lead connector options, and offer maximum application flexibility, operating 1 or 2-lamp, CFL 13/18/26/32/42 watt lamp types, as well as twin tube, PL-H, quad and triple tube, circline, 2D, and long twin tube (Biax/PL-L) lamps. The ballasts feature programmed start technology, prolonging lamp life in frequent on-off applications and multiple input voltage technology, enabling operation at any input voltage from 120 to 277 volts or 277 to 347 volts, 50/60 Hz. Designed for optimal thermal performance, these metal can ballasts offer a case temperature rating of 90°C. All of our compact fluorescent ballasts are built with a lamp end-of-life protection circuit, a safety feature that automatically shuts off power as the lamp approaches its EOL. This feature prevents overheating and protects the ballast.

Ultrasave also offers CFL kits for replacement and retro fit needs. These kits contain dual exit ballast lead wire connectors that accomodates side and bottom lead exit requirements. The mounting bracket adds bottom-exit studs and provides additional flexibility. Each kit contains; a dual-lead ballast, a mounting bracket, lead wire set and extraction tool, instructions, and additional mounting screws.



Design Features

Programmed start lamp ignition

- Prolongs lamp life under all switching conditions

Multiple lamp capability

- 1 or 2-lamp, CFL 13/18/26/32/42 watt lamp types
- Also operates twin tube, PL-H, quad and triple tube, circline, 2D, long twin tube (Biax/PL-L) lamps

Multiple input voltage

- 120 to 277 volts or 277 to 347 volts at 50/60 Hz
- Reduces inventory carrying costs and SKU requirements

<10% THD and >0.99 PF

- Meets qualifications of most power quality programs

90°C high case temperature rating

Bottom or dual lead connector options

Lamp end-of-life protection circuitry

- Provides safety and protects the ballasts by removing power from the lamps as they approach EOL

Auto-restart feature

- Allows lamp replacement without resetting power

Lightweight and compact size

Rated class A for quiet operation

Three Year Warranty

Applications

- Theatres
- Lobbies
- Ballrooms
- Hallways

Certifications

- Underwriters Laboratories (cULus) Listed
- Comply with ANSI Standard C82.11 and C62.41 (where applicable)
- Meets FCC Part 18 Class A for EMI & RFI (Non-Consumer Limits)
- Does not contain Polychlorinated Biphenyl (PCBs)
- Class P Type 1 Outdoor, Type HL
- RoHS Compliant



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SPECIFICATIONS										
# OF LAMPS	LAMP WATTS	INPUT VOLTS	MODEL #	INPUT CURRENT (AMPS)	INPUT POWER (WATTS)	BALLAST FACTOR	MAX. THD %	MIN. PF	DIM.	WIRING DIAG.
1	13	120 to 277	UR213120MHT-DL	0.14/0.06	16	1.00	10	0.99	A	1
		347	UR213347MHT-DL	0.05	16	1.00	10	0.99	A	1
	18	120 to 277	UR218120MHT-XX	0.16/0.07	19	1.02	10	0.99	A	1
		277 to 347	UR218347MHT-XX	0.07/0.06	19	1.00	10	0.99	A	1
	26	120 to 277	UR226120MHT-XX	0.24/0.10	28	1.02	10	0.99	A	1
		277 to 347	UR226347MHT-XX	0.11/0.08	28	1.02	10	0.99	A	1
	32	120 to 277	UR226120MHT-XX	0.29/0.13	34	1.00	10	0.99	A	1
		277 to 347	UR226347MHT-XX	0.13/0.10	34	1.00	10	0.99	A	1
	42	120 to 277	UR226120MHT-XX	0.37/0.16	44	1.00	10	0.99	A	1
			UR242120MHT-XX	0.38/0.16	45	1.02	15	0.98	B	1
		277 to 347	UR226347MHT-XX	0.16/0.13	44	1.00	10	0.99	A	1
			UR242347MHT-XX	0.17/0.13	45	1.02	20	0.95	B	1
2	13	120 to 277	UR213120MHT-DL	0.26/0.11	30	1.00	10	0.99	A	2
		347	UR213347MHT-DL	0.09	30	1.00	10	0.99	A	2
	18	120 to 277	UR218120MHT-XX	0.32/0.14	39	0.97	10	0.99	A	2
		277 to 347	UR218347MHT-XX	0.14/0.12	39	0.97	10	0.99	A	2
	26	120 to 277	UR226120MHT-XX	0.45/0.19	54	0.98	10	0.99	A	2
			UR242120MHT-XX	0.47/0.19	56	1.02	10	0.99	B	2
		277 to 347	UR226347MHT-XX	0.20/0.16	54	0.98	10	0.99	A	2
			UR242347MHT-XX	0.20/0.17	56	1.02	10	0.99	B	2
	32	120 to 277	UR242120MHT-XX	0.54/0.23	64	1.00	10	0.99	B	2
		277 to 347	UR242347MHT-XX	0.23/0.19	64	1.00	10	0.99	B	2
	42	120 to 277	UR242120MHT-XX	0.70/0.30	84	1.00	10	0.99	B	2
		277 to 347	UR242347MHT-XX	0.31/0.25	84	1.00	10	0.99	B	2

For other lamp types and specifications, please refer to www.ultrasave.ca or the Ultrasave Ballast Product Catalogue. Specifications subject to change without notice.

WIRING DIAGRAMS

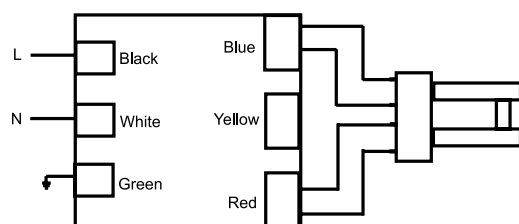


DIAGRAM 1

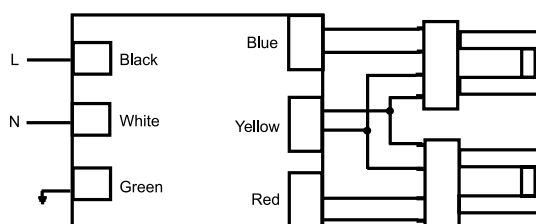


DIAGRAM 2

DIMENSIONS	L	W	H	M
A				
-BL	4.56"	2.45"	1.16"	2.00"
-DL	4.92"	2.51"	1.15"	4.49"
B				
-BL	5.35"	2.88"	1.25"	2.00"
-DL	5.00"	3.00"	1.34"	4.60"