

HIGH WATT Compact Fluorescent Lamps



65w

85w

105w

Features and Benefits

Lamps

- 10,000-hour life
- 85 CRI
- Up to 105 watts
- Excellent lumen maintenance
- Advanced amalgam maintains optimal lumens over wide temperature range
- Instant start and instant restrike
- Reduced color shift compared to metal halide
- External ballast reduces lamp replacement costs
- 1-Year Warranty

Ballast

- Programmed pre-heat start
- EOL shut-down circuit
- High power factor
- Low THD
- Class P type 1 outdoor rated
- Minimum start temperature -10°F
- 3-Year Warranty

Applications

- Low bay / high bay lighting
- Warehouses and factories
- Industrial applications
- Gymnasiums

High Watt Compact Fluorescent Lamps Offer Superior Lighting for High Bay Applications

Litetronics high watt compact fluorescent lamps (CFLs) are designed to replace HID lamps in high bay applications for energy savings and higher ROI. They offer high 85 CRI for excellent color rendition, and they promise reliable operation with instant start and instant restrike. Unlike HID lamps, Litetronics high watt CFLs have no color shift over time, and they have lower glare and higher lumen maintenance. With a lower system cost than HID, Litetronics high watt CFLs are the best solution for high and low bay lighting.

Litetronics high watt CFLs utilize an external ballast, which offers better heat management than self-ballasted high wattage CFLs. When the lamp and ballast are together in a self-ballasted lamp, heat builds up in a condensed area, which leads to premature failures. Separating the lamp and ballast allows for better heat management, which translates into maximum life and lumen maintenance. The external ballast also reduces lamp replacement costs compared to self-ballasted CFLs because you only need to replace the lamp at end of life instead of the lamp and ballast. This means that Litetronics high watt CFLs are more cost-effective and provide higher ROI than alternative high bay CFL lighting. Litetronics high watt CFLs also have a smaller MOL than competing lamps, which provides better optics out of the fixture. For superior high bay lighting, Litetronics high watt CFLs are the first choice.

 **TUROLIGHT**®
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T5



BALLAST

LAMP	WATTS	BASE	DESCRIPTION	ORDERING CODE	USE WITH BALLAST	QTY/ CASE	AVERAGE RATED LIFE	CRI	CCT*(K)	INITIAL LUMENS	MEAN LUMENS	SCOTOPIC LUMENS	M.O.L.**	M.O.D.***
T5	65 \$	MED	65W T5 50 MED	ZL-65550	ZB-65M	6	10,000	85	5000	4,200	3,360	7,750	8.11"	4.02"
	85 \$	MED	85W T5 50 MED	ZL-85550	ZB-1201 ZB-1202	6	10,000	85	5000	5,500	4,400	10,150	8.54"	4.02"
	105 \$	MOG	105W T5 50 MOG	ZL-105850	ZB-1201 ZB-1202	6	10,000	85	5000	6,300	5,040	11,600	10.31"	4.41"

ELECTRONIC BALLAST	WATTS	VOLTS	DESCRIPTION	ORDERING CODE	QTY/ CASE	M.O.L.**	M.O.D.***	HEIGHT	POWER FACTOR	THD	START TEMP.
	65	120-277	65W BALLAST 120-277V 40,000H	ZB-65M	6	5.35"	3.86"	1.69"	> 0.9	<40%	-10°F
	85/105	120	85/105W BALLAST 120V 40,000H	ZB-1201	6	5.98"	4.49"	1.81"	> 0.9	<40%	-10°F
	85/105	208-277	85/105W BALLAST 208-277V 40,000H	ZB-1202	6	5.98"	4.49"	1.81"	> 0.9	<40%	-10°F
	150	208-277	150W BALLAST 208-277V 40,000H	ZB-1502	6	5.98"	4.49"	1.81"	> 0.9	<40%	-10°F

HIGH-WATT CFL CONVERSION CHART

HIGH-WATT CFL	HID	INCANDESCENT
65-WATT	= 100 - 150-WATT	= 250-WATT
85-WATT	= 150 - 175-WATT	= 300-WATT
105-WATT	= 175 - 250-WATT	= 400-WATT

\$ Energy Savings

* Correlated Color Temperature (Kelvin)

** Maximum Overall Length

*** Maximum Overall Diameter

Not for use with dimmers.

