

Landlite™

Solid-State Electronic Ballasts

High-Output CFL Ballasts

for Landlite High-Output Compact Fluorescent Lamps



Landlite CEB Series Electronic Ballasts are full-feature dedicated electronic ballasts for Landlite High-Output CFLs, with 1-years service warranty.

With its operating voltage range from 120V to 347V, the CEB Series ballasts cover all the applications from general lighting, commercial lighting, to industrial lighting. Its universal output feature helps dealers to reduce their inventory. And its outdoor rating and low starting temperature at -30°C/-20°F also extends its application to rough weather fields.

Used with the Landlite High-Output Compact Fluorescent Lamps, they provide dramatic cost savings through its much higher system energy efficiency and much lower system cost when comparing with H.I.D. lamp+Ballast systems.

Application Information

Dedicated solid-state electronic ballasts for Landlite High-Output CFLs, with the following Operating Voltage Ranges:

- General: 120V AC 50/60Hz
- USA Commercial & Industrial: 208V-277V AC 50/60Hz
- Canadian Commercial & Industrial: 347V AC 60Hz
- Universal: 120V-277V AC 50/60Hz

Application Notes:

1. Available for all wattage lamps from 40W to 140W
2. Meets UL and FCC requirements
3. Rated data and best performances achieved when operated at 25°C/77°F
4. 1-Year Ballast Warranty is based on ballast case temperature kept below 75°C/170°F
5. Cannot be installed on dimming circuits, in emergency exit fixtures or lights, and on electronic timers or photocells
6. Can be used, without warrante, with other High-Output CFLs with a 1600V 6800pf internal capacitor

Lamp Replacement Note:

When replacing lamp, turn off the power supply first for changing lamp; after the new lamp is placed, turn on the power supply.

Service Time & Warranty Information:

Landlite CEB Series Electronic Ballasts are warranted to be free from defects in material or workmanship for a period of 1 Years Service Time from the Date of Production, when properly installed and operated under normal use conditions with the Case Temperature kept below 75°C/170°F.

- Universal input voltage ranges
- Universal output wattage ranges
- Programmed pre-heat starting
- End-of-Lamp-Life shutdown circuitry
- Various abnormal-status protections
- High power factor and low T.H.D.
- Ballast rating: Class P, Type 1 Outdoor
- Tc: 75°C/170°F
- Minimum starting temperature: -30°C/-20°F
- 20,000 hours rated average life time
- 1 years warranted service time

Specifications:

Ordering Code	Rated Ballast Watts	Input Voltage	Max. Input Watts	Max. Input Current	Power Factor	Ballast Factor
120V-277V Ballasts, Universal Input & Universal Output: 40W-65W						
CEB-40/65U	at 40W	120V-277V	44W	0.37A	>0.99	0.98
CEB-40/65U	at 55W	120V-277V	61W	0.51A	>0.99	0.98
CEB-40/65U	at 65W	120V-277V	72W	0.60A	>0.99	0.98
120V Ballasts, Universal Output: 85W-120W						
CEB-85/120G	at 85W	120V	94W	0.78A	>0.99	1.00
CEB-85/120G	at 105W	120V	116W	0.97A	>0.99	1.00
CEB-85/120G	at 120W	120V	132W	1.10A	>0.99	1.00
208V-277V Ballasts, Universal Output: 85W-140W						
CEB-85/120C	at 85W	208V-277V	94W	0.45A	>0.99	1.00
CEB-85/120C	at 105W	208V-277V	116W	0.56A	>0.99	1.00
CEB-85/120C	at 120W	208V-277V	132W	0.63A	>0.99	1.00
CEB-85/140C	at 140W	208V-277V	155W	0.74A	>0.99	1.00
347V Ballasts, Universal Output: 40W-65W						
CEB-40/65H	at 40W	347V	44W	0.13A	>0.99	1.00
CEB-40/65H	at 65W	347V	72W	0.21A	>0.99	1.00
347V Ballasts, Universal Output: 85W-140W						
CEB-85/140H*	at 85W	347V	94W	0.27A	>0.99	1.00
CEB-85/140H*	at 105W	347V	116W	0.33A	>0.99	1.00
CEB-85/140H*	at 120W	347V	132W	0.38A	>0.99	1.00
CEB-85/140H*	at 140W	347V	154W	0.44A	>0.99	1.00

Physical Data:



Ballast Shell Height: H=1.54"; or, H=1.68" for all ballasts marked with *.



CE Lighting