

## powerbrite

GENERATION III  
ELECTRONIC BALLASTS



**EBP1248-120/277V-IS3**

**EBP1268-120/277V-IS3**

**EBP12410-120/277V-IS3**



### SPECIFICATIONS

#### Input

120/277VAC, 50/60Hz  
>.90 Power Factor, THD <10%

#### Output

Less than 600V to Ground  
Parallel Wiring, Non-dimmable

#### Compatibility

Compatible with T8HO and T12HO lamps

#### Agency Approval

cULus Type 2 Outdoor, CSA

#### Environment

For use in Dry or Damp locations  
-20°F to 122°F (-30°C to 50°C)  
FCC Part 18, Class A

#### Warranty

5 Year France Warranty (when used with Westrim lampholders)

## Electronic Ballast Solution for T8HO and T12HO Fluorescent Signs

### Easy To Use Instant Start

Instant start and parallel wiring makes it easy to quickly set up and test a new sign.

### Energy Efficient

High efficiency design that offers 30% energy savings over magnetic ballasts. Complies with current DOE standards.

### Cold Start Capability

Ballasts are capable of starting as low as -20° F (-30° C).

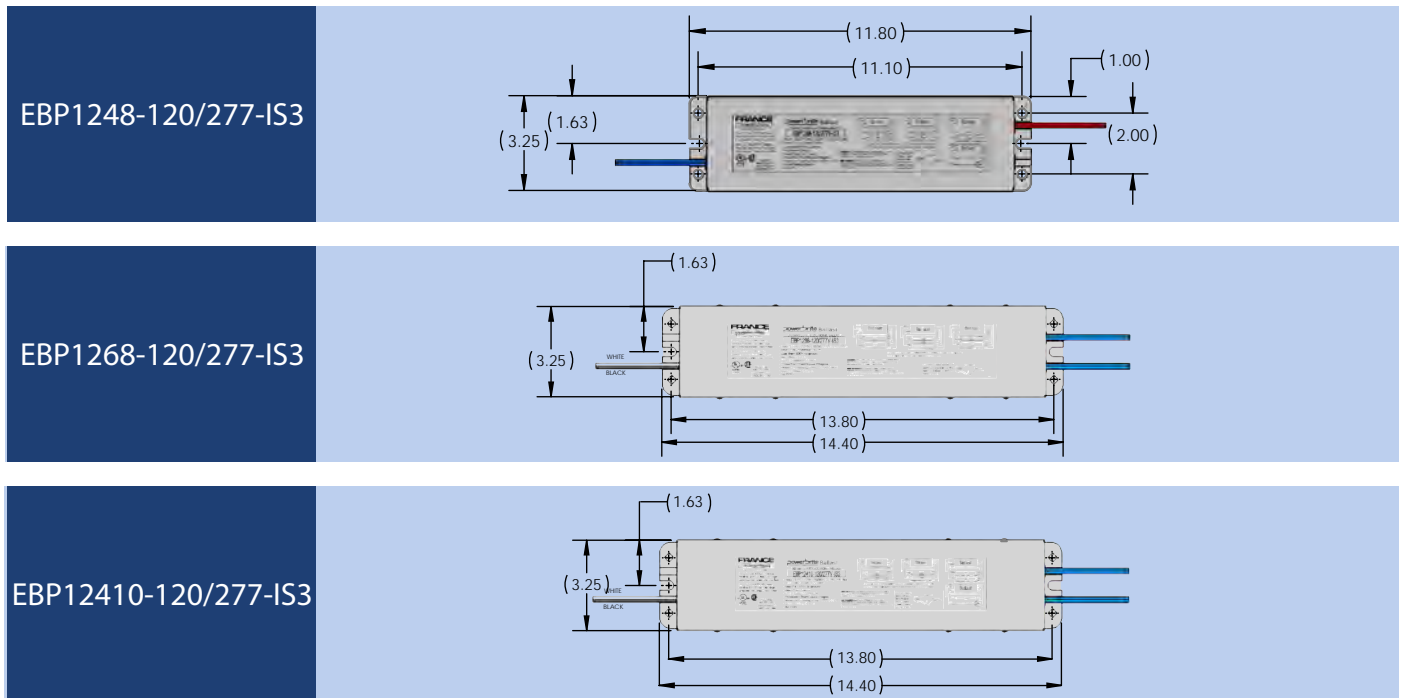
### France 5 Year Warranty

Built to high quality and reliability standards. France offers a 5 year warranty when operated with Westrim lampholders.

For more information, contact your France distributor or email us at [sales@sfeg.com](mailto:sales@sfeg.com)

# Powerbrite Generation III Electronic Ballasts

|                          |                                 | EBP1248-120/277V-IS3  | EBP1268-120/277-IS3   | EBP12410-120/277-IS3  |
|--------------------------|---------------------------------|-----------------------|-----------------------|-----------------------|
| <b>Input Parameters</b>  | Nominal Line Voltage            | 120/277 VAC, 50/60 Hz | 120/277 VAC, 50/60 Hz | 120/277 VAC, 50/60 Hz |
|                          | Operating Line Voltage          | 108 - 305 VAC         | 108 - 305 VAC         | 108 - 305 VAC         |
|                          | Max Input Current (120/277)     | 2.4/1.0 Amps          | 3.5/1.5 Amps          | 3.0/1.3 Amps          |
|                          | Input Lead length               | 2 Ft                  | 2 Ft                  | 2 Ft                  |
|                          | Power Factor                    | >.90                  | >.90                  | >.90                  |
|                          | Total Harmonic Distortion       | <10%                  | <10%                  | <10%                  |
|                          | EMI Conformance                 | FCC Part 18 Class A   | FCC Part 18 Class A   | FCC Part 18 Class A   |
| <b>Output Parameters</b> | Open Circuit Voltage            | 800 V                 | 860 V                 | 1100 V                |
|                          | Compatible T12HO Lamp Load      | 4 - 32 Ft             | 8 - 48 Ft             | 10 - 40 Ft            |
|                          | Compatible T8HO Lamp Load       | 4 - 24 Ft             | 8 - 32 Ft             | 8 - 32 Ft             |
|                          | Max T12HO Length per Output     | 8 Ft                  | 8 Ft                  | 10 Ft                 |
|                          | Max T8HO Length per Output      | 6 Ft                  | 6 Ft                  | 8 Ft                  |
|                          | Compatible Quantity of Lamps    | 1 to 4                | 1 to 6                | 1 to 4                |
|                          | Output Lead Length              | 10 Ft                 | 12 Ft                 | 11 Ft                 |
|                          | Compatible Wiring Configuration | Parallel              | Parallel              | Parrallel             |
|                          | Instant Start                   | Yes                   | Yes                   | Yes                   |
|                          | Minimum Starting Temperature    | -20° F (-30° C)       | -20° F (-30° C)       | -20° F (-30° C)       |
| Dimmable                 | No                              | No                    | No                    |                       |



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