

## DESCRIPTION

When AC power fails, the Sure-Lites Fluorescent Battery Pack (FBP) automatically switches to emergency mode. The FBP maintains illumination of one or two lamps for a minimum of 90 minutes. The product line is UL924 listed for field retrofit installation.

<b>Catalog #</b>		<b>Type</b>
<b>Project</b>		
<b>Comments</b>		<b>Date</b>
<b>Prepared by</b>		

## SPECIFICATION FEATURES

### Electronic

- Dual voltage input 120/277 VAC, 60Hz
- Universal Voltage Input 120-277 VAC, 50/60Hz (FBP240HU)
- Solid-state Charger
- Overload/Short Circuit Protection
- Test switch / Power indicator light
- Self Diagnostic option

### Battery

- Sealed nickel cadmium
- Maintenance free, long life
- Full recharge time, 24 hrs (max.)

### Code Compliance

- UL 924 Listed
- Life Safety NFPA 101
- NEC/OSHA
- Most State and Local Codes
- Chicago Approved

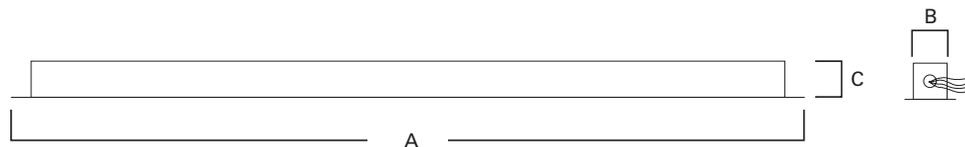
### Installation

- Life Safety NFPA 101
- NEC/OSHA
- Most State and Local Codes
- Chicago Approved

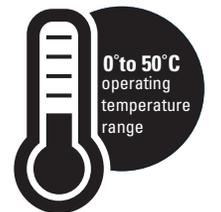


## FBP SERIES

FLUORESCENT EMERGENCY  
BATTERY PACK  
EMERGENCY LIGHTING



Model	Dimensions		
	A	B	C
FBP240HU	13.3"	2.4"	1.5"
FBP240HSD	13.3"	2.4"	1.5"
FBP3500	16.4"	5.6"	1.75" (Flex=28" L)



## ORDERING INFORMATION

SAMPLE NUMBER: FBP3500

Series	Model	Accessories 1
FBP	<b>FBP240HU</b> = Fluorescent Emergency Battery Pack, One-Two Lamp, 1100 - 1400 Lumens (700 - 1000 for long compact fluorescent) <b>FBP240HSD</b> = Fluorescent Emergency Battery Pack, One-Two Lamp, 1100 - 1400 Lumens with self diagnostics <b>FBP3500</b> = Fluorescent Emergency Battery Pack, 1450 up to 3000 Lumens	<b>FBP1WBC</b> = Wire Bundle Cover for External Mount Applications (2 required)

## ENERGY DATA

	120 volts	277 volts
Input Watts	3.7W	4W
Input Amps	0.3A	0.3A

**TECHNICAL DATA**

**Solid-State Charger**

Unit is supplied with a 120/277 VAC, voltage regulated solid-state charger, immediately upon restoration of AC current after a power failure, the charger provides a high charge rate. The charge circuit reacts to the condition of the battery and alters the rate of charge in order to maintain peak battery capacity and maximize battery life. Solidstate construction recharges the battery following a power failure and prevents overand under-charging.

**Solid-State Switching**

The switching circuit is designed to detect voltage irregularities and automatically switches lamp(s) into emergency operation. Upon restoration of the AC current, the lamp(s) will switch back to AC operation and the charger will automatically go into charge mode.

**Test Switch/Charge Indicator**

Easy-to-install test switch simulates interruption of AC power and illuminates the fluorescent lamp(s). LED charge indicator light indicates battery charger operation.

**Battery**

High temperature nickel cadmium battery pack is standard.

**Warranty**

All Sure-Lites products are backed by a firm 5-year warranty against defects in material and workmanship (excluding lamps).

**LAMP COMPATIBILITY CHART FOR FBP3500**

Lamp Type	Watts	Initial Lumens	
		1-Lamp	2-Lamp
T5	14	1150	1200
T5	21	1650	1750
T5	28	2250	2400
T5	35	2700	2800
T5HO	24	1750	1850
T5HO	39	2650	2750
T5HO	54	2900	3000
T8	17	1150	1200
T8	25	1650	1800
T8	28	1700	1800
T8	32	2850	2900
T8	40	2900	2950
T8HO	44	2900	n/a
T8	51	3000	n/a
T8	59	3000	n/a
T8HO	86	2950	n/a
T12	20	900	950
T12	25	1100	1200
T12	30	1550	1600

Lamp Type	Watts	Initial Lumens	
		1-Lamp	2-Lamp
T12	34	1700	1800
T12	40	2250	2400
T12	75	2950	n/a
T12	85	3000	n/a
T12HO	95	3000	n/a
T12HO	110	3000	n/a
T12HO	160	3000	n/a
T12HO	215	3000	n/a
CFL G24q-1	13	825	900
CFL G24q-2	18	925	1000
CFL G24q-3	21	1025	1100
CFL G24q-3	26	1250	1300
CFL G24q-3	32	1575	1700
CFL G24q-4	42	1750	1850
CFL G24q-5	57	2350	n/a
CFL 2G11	18	1100	1200
CFL 2G11	24	1350	1400
CFL 2G11	36	1650	1800
CFL 2G11	40	1750	1850
CFL 2G11	36	1650	1800

Lamp Type	Watts	Initial Lumens	
		1-Lamp	2-Lamp
CFL 2G11	40	1750	1850
CFL 2G11	50	2200	2300
CFL 2G11	55	2450	n/a
CFL 2G11	80	2750	n/a
CFL GR10q-4	10	575	650
CFL GR10q-4	16	775	900
CFL GR10q-4	21	1050	1200
CFL GR10q-4	28	1450	1550
CFL GR10q-4	38	1675	1800
CFL GR10q-4	55	2350	2500
Circular T9	20	750	800
Circular T9	32	1100	1250
Circular T9	40	1450	1600
Circular T5	22	1400	1550
Circular T5	40	1650	1800
Circular T5	55	2250	2400
U-bend T8	32	1100	1200
U-bend T12	34	1025	1100
U-bend T12	40	975	1050

Note: In 2-lamp operation, lumens are equally split between the two lamps.