

FDBEL Decorative Outdoor LED Emergency Unit



Project:	
Type:	
Catalog #:	



STANDARD



OPTIONAL



ILLUMINATION

- Long-life, efficient ultra-bright white LED.
- 5 watt LED per unit.
- Mirror-bright reflector and prismatic polycarbonate refractor.

ELECTRICAL

- Dual 120/277 voltage.
- Charge rate/power "ON" LED indicator light and push to test switch for mandated code compliance testing.
- 4.8V long-life, maintenance-free, rechargeable NiCd battery.
- Internal solid-state transfer switch automatically connects the internal battery to LED board for minimum 90-minute emergency illumination.
- Fully automatic solid-state, two-rate charger initiates battery charging to recharge a discharged battery in 24 hours.
- Self-diagnostic test feature continually diagnoses units performance and tests system to ensure reliable operation and to meet electrical and life safety codes.

MOUNTING

- Surface mount via easy connect back plate that fits most standard size junction boxes.
- Universal K/O pattern on back plate for wall mount.

HOUSING

- Decorative, low-profile, architectural design.
- Die-cast aluminum housing.
- Durable powder-coated finishes in white, black and dark bronze.
- Sealed and gasketed.

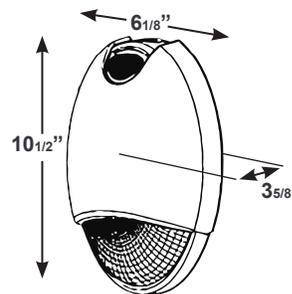
OPTIONS

- CW: Cold-weather unit for use in freezer applications. (in temperatures as low as -20°C – 40°C)

WARRANTY/LISTING

- Five year warranty on all electronics and housing. Battery pro-rated for five years.
- Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes.
- UL listed for wet locations. (0°C – 50°C)

DIMENSIONS



ORDERING INFORMATION

Sample Part Number: **FDBEL-BR-SDT**

Model	Housing Color	Options
FDBEL	W White B Black BR Dark Bronze	SDT Self-diagnostics CW Cold Weather

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ELECTRICAL INFORMATION

Catalog Number	Input Watts (W)		Input Amps (A)	
	120V	277V	120V	277V
FDBEL-SDT	2.7	2.8	0.026	0.012
FDBEL-SDT-CW	2.9	3.0	0.031	0.014

CENTER-TO-CENTER SPACING GUIDELINES

For reference only.

NIT
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1	0.14	0.18	0.22	0.28	0.37	0.47	0.61	0.76	0.92	1.17	1.36	1.37	1.38	1.35	1.20	1.04	0.86	0.69	0.56	0.45	0.33	0.25	0.20	0.16	
2	0.16	0.20	0.24	0.29	0.38	0.50	0.63	0.79	0.97	1.15	1.38	1.43	1.58	1.43	1.31	1.23	0.97	0.79	0.63	0.48	0.37	0.28	0.22	0.17	
3	0.18	0.21	0.25	0.31	0.40	0.53	0.65	0.76	0.90	1.09	1.24	1.36	1.46	1.37	1.22	1.08	0.91	0.75	0.61	0.47	0.38	0.31	0.24	0.18	
4	0.16	0.19	0.23	0.29	0.38	0.46	0.56	0.66	0.76	0.92	1.06	1.19	1.19	1.19	1.11	0.93	0.82	0.67	0.58	0.44	0.37	0.30	0.24	0.19	
5	0.16	0.18	0.22	0.29	0.36	0.40	0.49	0.58	0.70	0.80	0.96	1.01	1.02	1.01	0.90	0.77	0.66	0.56	0.48	0.39	0.32	0.28	0.22	0.18	
6	0.14	0.18	0.21	0.26	0.30	0.38	0.48	0.51	0.61	0.69	0.81	0.88	0.89	0.86	0.77	0.70	0.59	0.51	0.43	0.35	0.30	0.24	0.20	0.16	
	13	12	11	10	9	8	7	6	5	4	3	2	1	0	1	2	3	4	5	6	7	8	9	10	11

Meets NFPA101 Requirements for: 11' center-to-center spacing - 4' path of egress 1' from the wall- 7 1/2' mounting height.