

Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

CELESTIAL DUAL HEAD EMERGENCY UNIT



The **EcoLite Celestial Dual Head Emergency Unit** is certified Title 20 and suitable for emergency lighting applications such as stairways and hallways. It is designed for wall or ceiling mounting. The Celestial Unit housing is constructed with injection-molded, flame-retardant, high impact thermoplastic. The maintenance-free nickel-cadmium battery with test switch and status indicator provides 90-minutes of emergency power to meet life safety codes. Adjustable LED lamp heads provides optimal center-to-center spacing. Optional high-lumen heads are available for increased center-to-center spacing.

FEATURES

- Adjustable LED lamp heads provides optimal center-to-center spacing
- Optional high-lumen heads available to increase center-to-center spacing
- 120/277V standard. Optional 120/347V. Optional 208/220/240V.
- UL listing standard. CSA listing optional.
- Damp location listed
- Injection-molded, 5VA flame retardant, high-impact resistant, thermoplastic
- Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes

APPLICATIONS

- Stairways
- Hallways
- Paths of egress



CELESTIAL DUAL HEAD EMERGENCY UNIT

ORDERING INFORMATION

PART NUMBER	HOUSING	INPUT VOLTAGE	OPTIONS	MIN ORDER QTY	US STOCK
ECO-HSL-LEDRI	White	120/277 VAC standard	Self-diagnostic, 208/220/240 VAC, High Lumen Heads, 120/347 VAC	2	YES
ECO-HSL-LEDRI1B	Black	120/277 VAC standard	Self-diagnostic, 208/220/240 VAC, High Lumen Heads, 120/347 VAC	2	YES

TECHNICAL SPECIFICATIONS

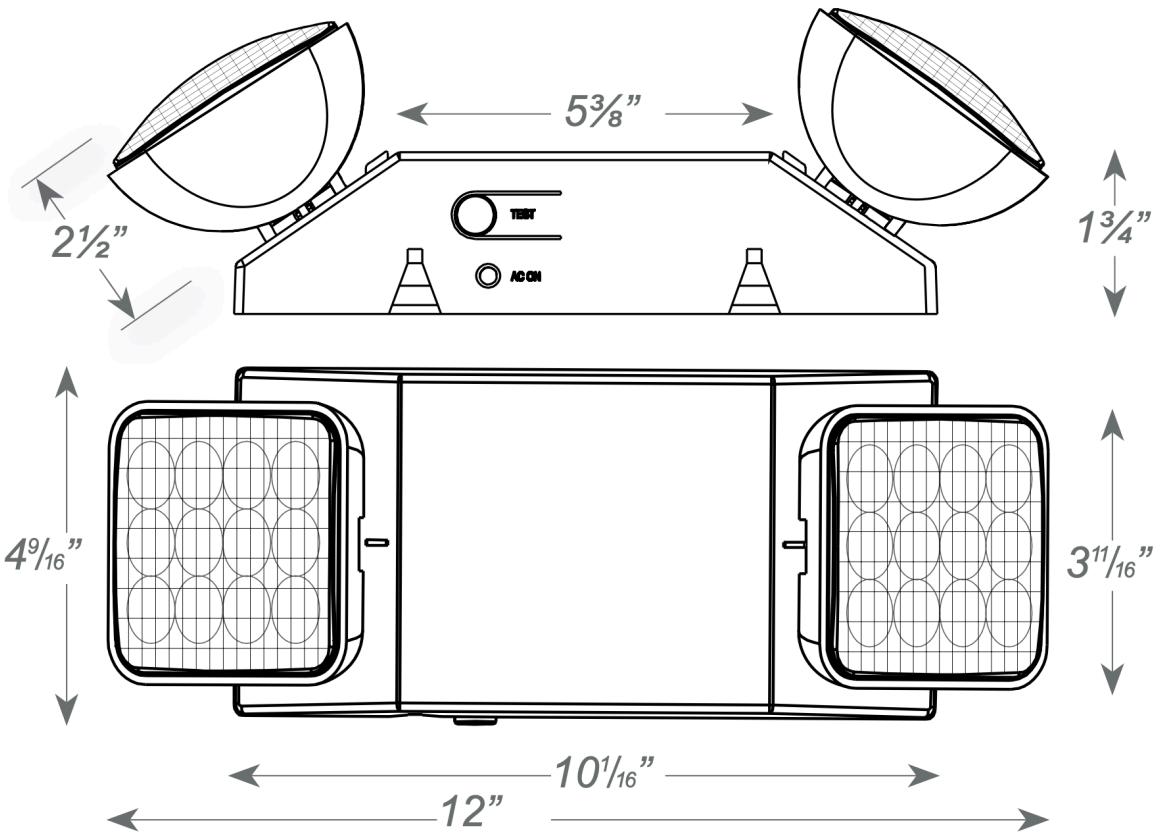
Input Voltage	120/277 VAC standard, 120/347 and 208/220/240 VAC optional
Wattage	1.6 - 3.5W, depending on voltage and options
Power Frequency	50/60 Hz @ 120/277 and 208/220/240 VAC, 60 Hz @ 120/347 VAC
Input Current	0.008 - 0.029A, depending on voltage and options
Certifications	UL924, NFPA 101 Life Safety Code, NEC, OSHA, local & state codes. CSA optional (120/347V)
Environment	Damp location listed
Fixture Material	Injection-molded, flame retardant, impact resistant thermoplastic
Operating Temperature	32° - 122° F
Battery	3.6V long life, maintenance-free, rechargeable NiCd battery
Testing	Push-to-test switch standard. Optional self-diagnostic feature performs monthly, biannual, and annual tests
Mounting	Ceiling or wall. Surface mount via easy connect back plate, which fits most standard junction boxes and snaps into place making internal electrical connections. Top and side knockout for conduit applications.

*Data is based upon tests performed in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

*IES files provided on request.

CELESTIAL DUAL HEAD EMERGENCY UNIT

DIMENSIONS



CENTER-TO-CENTER SPACING GUIDELINES

UNIT LOCATION
LIGHT SOURCE

1	0.2	0.3	0.5	0.4	0.4	0.5	0.6	0.8	1.0	0.8	0.9	0.8	0.4	0.2	0.2	
2	0.3	0.5	0.7	0.8	0.9	0.8	0.9	1.0	1.1	1.4	1.1	0.8	0.5	0.3	0.2	
3	0.4	0.7	1.0	1.0	1.1	1.1	1.1	1.3	1.4	1.1	0.9	0.9	0.7	0.5	0.2	
4	0.5	0.7	0.9	1.1	1.2	1.2	1.0	1.1	1.1	1.0	1.1	0.8	0.6	0.3	0.2	
5	0.5	0.7	0.8	0.8	1.0	1.1	0.8	0.8	1.0	0.9	0.6	0.5	0.4	0.3	0.2	
6	0.4	0.5	0.7	0.7	0.8	0.8	0.6	0.5	0.6	0.5	0.4	0.4	0.3	0.2	0.2	
	7	6	5	4	3	2	1	0	1	2	3	4	5	6	7	8

Meets NFPA 101 Requirements for: 10' center-to-center spacing - 3' path of egress 1' from wall - 7 1/2' mounting height.