



Description

The LL-LEDUCE is an economical series of undercabinet luminaires for use in kitchens, retail displays and coves. With a painted, steel housing and polycarbonate lens, the LL-LEDUCE provides durability and high performance. High- efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional, incandescent or fluorescent undercabinet luminaires.

Features:

- Available in 3000k (warm white) & 4000k (neutral white) color temperatures.*
- Long-life LEDs provide at least 81,000 hours of operation with at least 70% of initial lumen output (L70).**
- Delivers from 327 to 1,805 lumens & 84 to 94 lumens per watt.*
- Universal 120-277 AC voltage (50-60Hz) is standard.
- Total harmonic distortion < 20%.
- Color rendering index > 80.
- Painted steel housing and polycarbonate lens.
- Tool-less access to LED channel and wiring enclosure.
- Knockouts on sides and back simplify electrical connections.
- Key hole slots provide for easy installation in new construction or retrofits.

Options:

- SDT: Self-diagnostic feature performs monthly, biannual, and annual tests to ensure reliable operation and meets electrical and life safety codes.
- CW: Optional internal heater and battery blanket for extreme cold temperature applications (-25°C – 50°C).
- TP: Tamper-proof hardware helps discourage unauthorized access to the unit.

Warranty/Listing:

- cETLus listed to applicable U.L. standards. Listed for damp locations. Suitable for ambient temperatures from -20°C to 40°C (-4°F to 104°F).
- Energy Star certified.
- Complies with RoHS (Restriction on Hazardous Substances) requirements.
- Complies with FCC Part 15, class B.
- NEMA4X rated.
- Protected against input line transients (2.5kV).
- 5-year warranty of all electronics and housing.



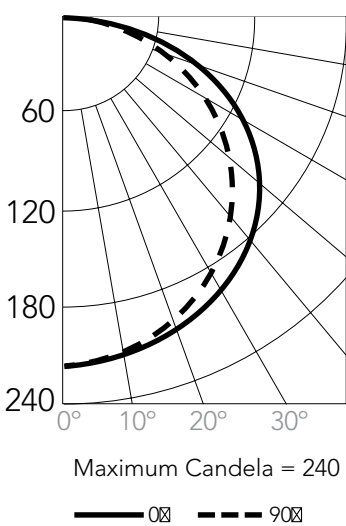


Dimensions:



Length	9"	12"	18"	24"	34"	48"
Weight (lbs)	0.8	1	.4	2	2.6	3.4

Photometrics:

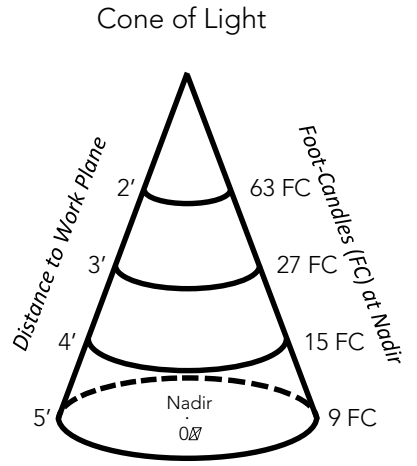


Candlepower Summary

	0°	90°
0°	216	216
10°2	32	211
20°2	39	198
30°2	39	178
40°2	31	152
50°2	16	122
60°1	95	88
70°1	69	54
80°1	40	20
90°1	13	1

Zonal Lumen Summary

Zone	Lumens	% Fixture
0° - 10°	24	2.8%
0° - 20°	95	11.0%
0° - 30°	203	23.4%
0° - 40°	334	38.7%
0° - 50°	4755	4.9%
0° - 60°	609	70.4%
0° - 70°	724	83.6%
0° - 80°	809	93.5%
0° - 90°	865	100.0%
90° - 180°	00	.0%
0° - 180°	865	100.0%





Project Name	
Catalog #	
Job Type	
Prepared By	
Notes	

Fixture Ordering Information

Model	Watts	Lumens	Color Temp
LL-LEDUCE9	3.9	327	3000K/4000K
LL-LEDUCE12	5	457	3000K/4000K
LL-LEDUCE18	7.7	725	3000K/4000K
LL-LEDUCE24	9.7	865	3000K/4000K
LL-LEDUCE34	14.7	1357	3000K/4000K
LL-LEDUCE48	19.5	1805	3000K/4000K