LEDUC-E LED Undercabinet Luminaires



Project:	
Туре:	
Catalog #:	

STANDARD FEATURES











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

FEATURES

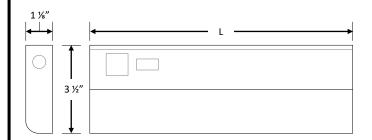
- Available in 3000k (warm white) & 4000k (neutral white) color temperatures.*
- Long-life LEDs provide at least 81,000 hours of operation with at least 70% of initial lumen output (L₇₀).
- Delivers from 327 to 1,805 lumens & 84 to 94 lumens per watt.*
- Universal 120-277 AC voltage (50-60Hz) is standard.
- 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.



WARRANTY & LISTINGS

- _CETL_{US} 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.
- Protected against input line transients (2.5kV).
- 5-year warranty of all electronics and housing.

DIMENSIONS



	LEDUC-E9	LEDUC-E12	LEDUC-E18	LEDUC-E24	LEDUC-E34	LEDUC-E48
Length	9"	12"	18"	24"	34"	48"
Weight (Lbs.)	8.0	1.0	1.4	2.0	2.6	3.4

ORDERING INFORMATION

Example: LEDUC-E9-3K

Model	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Color Temperature
LEDUC-E9	327	3.9	84	3K = 3000k 4K = 4000k
LEDUC-E12	457	5.0	91	3K = 3000k 4K = 4000k
LEDUC-E18	725	7.7	94	3K = 3000k 4K = 4000k
LEDUC-E24	865	9.7	89	3K = 3000k 4K = 4000k
LEDUC-E34	1,357	14.7	92	3K = 3000k 4K = 4000k
LEDUC-E48	1,805	19.5	93	3K = 3000k 4K = 4000k

^{*} Contact factory for other color temperatures and lumen packages.

^{**}L₇₀ hours are IES TM-21-11 calculated hours.

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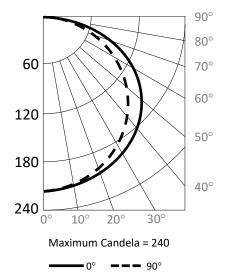
ELECTRICAL

Model	CDL1	CRI ¹ Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)			THD ³	L ₇₀
Model	CRI-					120V	240V	277V	IHD	Hours ⁴
LEDUC-E9	> 80	327	3.9	84	120-277	0.03	0.02	0.01	< 20%	81,000
LEDUC-E12	> 80	457	5.0	91	120-277	0.04	0.02	0.02	< 20%	81,000
LEDUC-E18	> 80	725	7.7	94	120-277	0.06	0.03	0.03	< 20%	81,000
LEDUC-E24	> 80	865	9.7	89	120-277	0.08	0.04	0.03	< 20%	81,000
LEDUC-E34	> 80	1,357	14.7	92	120-277	0.12	0.06	0.05	< 20%	81,000
LEDUC-E48	> 80	1,805	19.5	93	120-277	0.16	0.08	0.07	< 20%	81,000

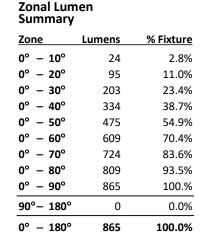
¹Color rendering index.

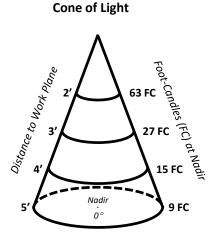
PHOTOMETRIC DATA

LEDUC-E24 (865 Lumens)



Candlepower Summary						
	0°	90°				
0°	216	216				
10°	232	211				
20°	239	198				
30°	239	178				
40°	231	152				
50°	216	122				
60°	195	88				
70°	169	54				
80°	140	20				
90°	113	1				





² All 50-60Hz.

³ Total harmonic distortion.

 $^{^4}$ L $_{70}$ refers to the number of hours at which lumen output declines to 70% of the initial level. L $_{70}$ hours are IES TM-21-11 calculated hours.