

Project:	
Type:	
Catalog #:	



STANDARD FEATURES



The CLUCE is an economical series of undercabinet luminaires for use in kitchens, retail displays and covers. With a painted, steel housing and polycarbonate lens, the CLUCE 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

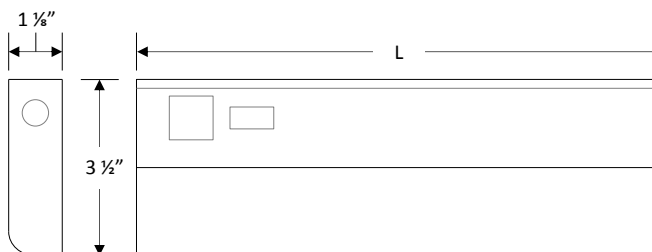
- Available in 3000k (warm white) & 4000k (neutral white) color temperatures.*
- Long-life LEDs provide at least 81,000 hours of operation with at least 70% of initial lumen output (L_{70}).**
- Delivers from 327 to 1,805 lumens & 84 to 94 lumens per watt.*
- Universal 120-277 AC voltage (50-60Hz) is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

* Contact factory for other color temperatures and lumen packages.
 ** L_{70} hours are IES TM-21-11 calculated hours.

WARRANTY & LISTINGS

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

DIMENSIONS



	CLUCE9	CLUCE12	CLUCE18	CLUCE24	CLUCE34	CLUCE48
Length	9"	12"	18"	24"	34"	48"
Weight (Lbs.)	0.8	1.0	1.4	2.0	2.6	3.4

ORDERING INFORMATION

Example: CLUCE12-530

Model	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Color Temperature
CLUCE9-4	327	3.9	84	30 = 3000k 40 = 4000k
CLUCE12-5	457	5.0	91	30 = 3000k 40 = 4000k
CLUCE18-8	725	7.7	94	30 = 3000k 40 = 4000k
CLUCE24-10	865	9.7	89	30 = 3000k 40 = 4000k
CLUCE34-15	1,357	14.7	92	30 = 3000k 40 = 4000k
CLUCE48-20	1,805	19.5	93	30 = 3000k 40 = 4000k

ELECTRICAL

Model	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)			THD ³	L ₇₀ Hours ⁴
						120V	240V	277V		
CLUCE9-4	> 80	327	3.9	84	120-277	0.03	0.02	0.01	< 20%	81,000
CLUCE12-5	> 80	457	5.0	91	120-277	0.04	0.02	0.02	< 20%	81,000
CLUCE18-8	> 80	725	7.7	94	120-277	0.06	0.03	0.03	< 20%	81,000
CLUCE24-10	> 80	865	9.7	89	120-277	0.08	0.04	0.03	< 20%	81,000
CLUCE34-15	> 80	1,357	14.7	92	120-277	0.12	0.06	0.05	< 20%	81,000
CLUCE48-20	> 80	1,805	19.5	93	120-277	0.16	0.08	0.07	< 20%	81,000

¹ Color rendering index.

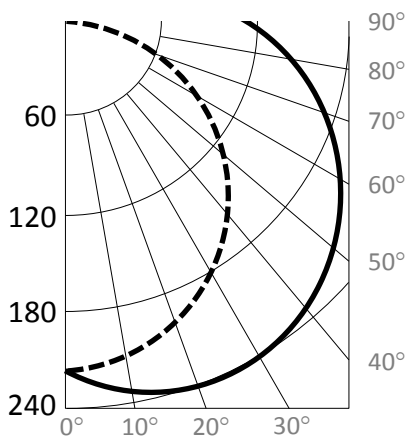
² All 50-60Hz.

³ Total harmonic distortion.

⁴ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

CLUCE24-10 (865 Lumens)



Maximum Candela = 240

— 0° - - - 90°

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

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°	475	54.9%
0° – 60°	609	70.4%
0° – 70°	724	83.6%
0° – 80°	809	93.5%
0° – 90°	865	100.0%
90° – 180°	0	0.0%
0° – 180°	865	100.0%

Cone of Light

