



# Advantage Environmental Lighting

Catalog Number
Project
Type

# LUTC

## LED Undercabinet Luminaires



### STANDARD FEATURES



The LUTC is an economical series of undercabinet luminaires for use in kitchens, retail displays and covers. With a painted, steel housing and polycarbonate lens, the LUTC 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<sub>70</sub>).\*\*
- Delivers from 327 to 1,805 lumens & 84 to 94 lumens per watt.\*
- 120V (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.

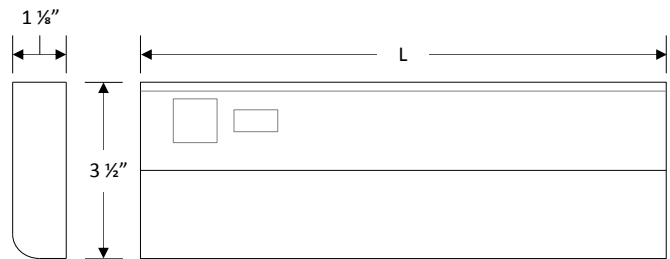
\* Contact factory for other color temperatures and lumen packages.  
 \*\* L<sub>70</sub> hours are IES TM-21-11 calculated hours.



### WARRANTY & LISTINGS

- cETL<sub>US</sub> 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



	LUTC9	LUTC12	LUTC18	LUTC24	LUTC34	LUTC48
Length	9"	12"	18"	24"	34"	48"
Weight (Lbs.)	0.8	1.0	1.4	2.0	2.6	3.4

### ORDERING INFORMATION

Example: LUTC94K

Model	Length	Color Temperature
LUTC	9 = 9"	3K = 3000k 4K = 4000k
LUTC	12 = 12"	3K = 3000k 4K = 4000k
LUTC	18 = 18"	3K = 3000k 4K = 4000k
LUTC	24 = 24"	3K = 3000k 4K = 4000k
LUTC	34 = 34"	3K = 3000k 4K = 4000k
LUTC	48 = 48"	3K = 3000k 4K = 4000k

### ELECTRICAL

Model	CRI <sup>1</sup>	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage <sup>2</sup>	Input Current (A)			THD <sup>3</sup>	L <sub>70</sub> Hours <sup>4</sup>
						120V	240V	277V		
LUTC9	> 80	327	3.9	84	120	0.03	0.02	0.01	< 20%	81,000
LUTC12	> 80	457	5.0	91	120	0.04	0.02	0.02	< 20%	81,000
LUTC18	> 80	725	7.7	94	120	0.06	0.03	0.03	< 20%	81,000
LUTC24	> 80	865	9.7	89	120	0.08	0.04	0.03	< 20%	81,000
LUTC-34	> 80	1,357	14.7	92	120	0.12	0.06	0.05	< 20%	81,000
LUTC48	> 80	1,805	19.5	93	120	0.16	0.08	0.07	< 20%	81,000

<sup>1</sup> Color rendering index.

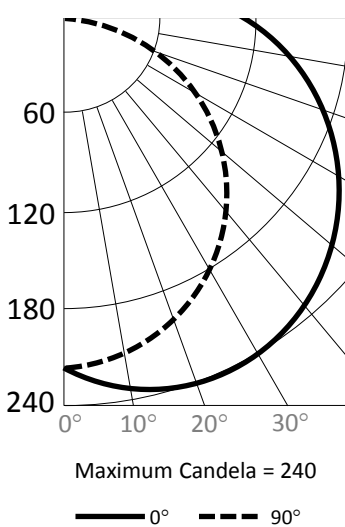
<sup>2</sup> All 50-60Hz.

<sup>3</sup> Total harmonic distortion.

<sup>4</sup> L<sub>70</sub> refers to the number of hours at which lumen output declines to 70% of the initial level. L<sub>70</sub> hours are IES TM-21-11 calculated hours.

### PHOTOMETRIC DATA

#### LUTC24 (865 Lumens)



Candlepower Summary		
	0°	90°
90°		
80°		
70°	0°	216
60°	10°	211
50°	20°	198
40°	30°	178
	40°	152
	50°	122
	60°	88
	70°	54
	80°	20
	90°	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%

