Advantage Environmental Lighting

Catalog Number	
Project	
Type	

LUTC

LED Undercabinet Luminaires

STANDARD FEATURES

The LUTC is an economical series of undercabinet luminaries for use in kitchens, retail displays and coves. 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_{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.*

LUTRON

WARRANTY & LISTINGS

- *$_C$ETL$_{US}$ 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

	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: LUTC-9-4K

Model	Length	Color Temperature	Options
LUTC	9 = 9"	3K = 3000k 4K = 4000k	BAA = BAA Compliant
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	

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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		
LUTC9	> 80	327	3.9	84	120-277	0.03	0.02	0.01	< 20%	81,000
LUTC12	> 80	457	5.0	91	120-277	0.04	0.02	0.02	< 20%	81,000
LUTC18	> 80	725	7.7	94	120-277	0.06	0.03	0.03	< 20%	81,000
LUTC24	> 80	865	9.7	89	120-277	0.08	0.04	0.03	< 20%	81,000
LUTC-34	> 80	1,357	14.7	92	120-277	0.12	0.06	0.05	< 20%	81,000
LUTC48	> 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] 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.

PHOTOMETRIC DATA

LUTC24 (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

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.%
90°– 180°	0	0.0%
0° – 180°	**865**	**100.0%**

Cone of Light