



APPLICATIONS

The LEDUC series is an economical line of undercabinet fixtures for use in kitchens, retail displays and covers. It is triac dimmable. Standard with a painted steel housing and polycarbonate lens, the LEDUC provides durability and high performance. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional, incandescent or fluorescent undercabinet fixtures.

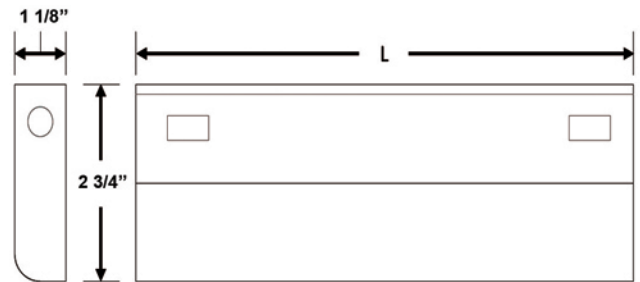
FEATURES

- * 3CCT tunable (3K, 4K and 5K) selectable switch
- * Long-life LEDs provide at least 50,000 hours of operation with at least 70% of initial lumen output (L70)
- * Delivers from 320 to 1,660 lumens & 80 to 85 lumens per watt
- * 120V (50-60Hz), triac dimmable
- * Total harmonic distortion < 20%
- * On-off switch
- * Color rendering index > 80
- * 109 degree beam angle
- * 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 & DETAILS

- * ETL 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)
- * Complies with RoHS (Restriction on Hazardous Substances) requirements
- * Complies with FCC Part 15, class B
- * 5-year warranty on all electronics and housing

DIMENSIONS



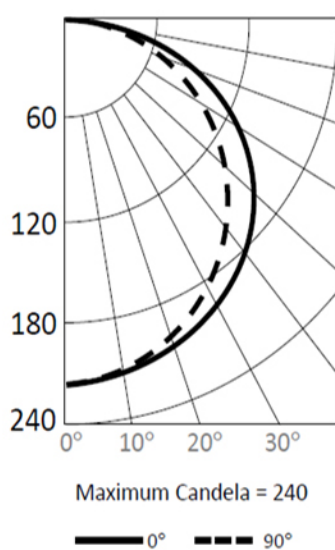
ORDERING INFORMATION

| PART # | Color Temp | Lumens | Lumen/watt | Wattage | Length | Voltage |
|-------------------|------------|--------|------------|---------|--------|---------|
| CLL-LEDUC-9-3CCT | 3K,4K,5K | 320 | 80 | 4 | 9" | 120V |
| CLL-LEDUC-12-3CCT | 3K,4K,5K | 400 | 80 | 5 | 12" | 120V |
| CLL-LEDUC-18-3CCT | 3K,4K,5K | 650 | 82 | 8 | 18" | 120V |
| CLL-LEDUC-24-3CCT | 3K,4K,5K | 850 | 85 | 10 | 24" | 120V |
| CLL-LEDUC-33-3CCT | 3K,4K,5K | 1,250 | 83 | 15 | 33" | 120V |
| CLL-LEDUC-42-3CCT | 3K,4K,5K | 1,660 | 83 | 20 | 42" | 120V |

| Part No | CLL-LEDUC-9 | CLL-LEDUC-12 | CLL-LEDUC-18 | CLL-LEDUC-24 | CLL-LEDUC-33 | CLL-LEDUC-42 |
|---------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| Color temp | CCT 3,4,5K | CCT 3,4,5K | CCT 3,4,5K | CCT 3,4,5K | CCT 3,4,5K | CCT 3,4,5K |
| Lumens | 320 | 400 | 650 | 850 | 1,250 | 1,660 |
| Lumen/w | 80 | 80 | 82 | 85 | 83 | 83 |
| CRI | > 80 Ra | > 80 Ra | > 80 Ra | > 80 Ra | > 80 Ra | > 80 Ra |
| Input Voltage | 120V | 120V | 120V | 120V | 120V | 120V |
| Power Frequency | 50 / 60 Hz | 50 / 60 Hz | 50 / 60 Hz | 50 / 60 Hz | 50 / 60 Hz | 50 / 60 Hz |
| Power factor | > 0.90 | > 0.90 | > 0.90 | > 0.90 | > 0.90 | > 0.90 |
| Total Harmonic Distortion | < 20% | < 20% | < 20% | < 20% | < 20% | < 20% |
| Fixture Material | Painted Steel & polycarbonate lens | Painted Steel & polycarbonate lens | Painted Steel & polycarbonate lens | Painted Steel & polycarbonate lens | Painted Steel & polycarbonate lens | Painted Steel & polycarbonate lens |
| Life Span | >50,000 Hrs | >50,000 Hrs | >50,000 Hrs | >50,000 Hrs | >50,000 Hrs | >50,000 Hrs |
| Operating Temperature | -4°F to 104°F | -4°F to 104°F | -4°F to 104°F | -4°F to 104°F | -4°F to 104°F | -4°F to 104°F |
| TRIAC Dimmable | YES | YES | YES | YES | YES | YES |

PHOTOMETRIC DATA

CLL-LEDUC-24-3CCT: 850 Lumens



| Candlepower Summary | | | Zonal Lumen Summary | | |
|---------------------|-----|-----|---------------------|--------|-----------|
| | 0° | 90° | Zone | Lumens | % Fixture |
| 0° | 216 | 216 | 0° – 10° | 24 | 2.8% |
| 10° | 232 | 211 | 0° – 20° | 95 | 11.0% |
| 20° | 239 | 198 | 0° – 30° | 203 | 23.4% |
| 30° | 239 | 178 | 0° – 40° | 334 | 38.7% |
| 40° | 231 | 152 | 0° – 50° | 475 | 54.9% |
| 50° | 216 | 122 | 0° – 60° | 609 | 70.4% |
| 60° | 195 | 88 | 0° – 70° | 724 | 83.6% |
| 70° | 169 | 54 | 0° – 80° | 809 | 93.5% |
| 80° | 140 | 20 | 0° – 90° | 865 | 100.0% |
| 90° | 113 | 1 | 90° – 180° | 0 | 0.0% |
| | | | 0° – 180° | 865 | 100.0% |

