

## LUTC LED UNDERCABINET LIGHT



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

- 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 (L 70)
- 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
- 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
- ETL Listed

**WARRANTY:** 5-year warranty on all electronics and housing.

### ORDERING INFORMATION:

**EXAMPLE: LUTC18-4K**

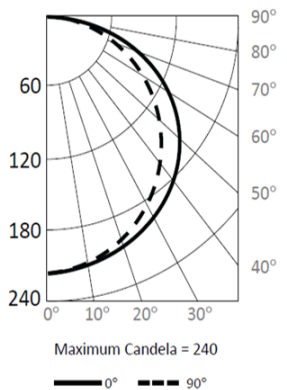
#### SERIES, SIZE, OUTPUT

| SERIES | SIZE  | OUTPUT | CCT   |    |       |    |       |    |       |
|--------|-------|--------|---|----|-------|----|-------|----|-------|
| LUTC9  | 9"    | 320    | <table border="1"> <tr> <td>3K</td> <td>3000K</td> </tr> <tr> <td>4K</td> <td>4000K</td> </tr> <tr> <td>5K</td> <td>5000K</td> </tr> </table> | 3K | 3000K | 4K | 4000K | 5K | 5000K |
| 3K     | 3000K |        |   |    |       |    |       |    |       |
| 4K     | 4000K |        |   |    |       |    |       |    |       |
| 5K     | 5000K |        |   |    |       |    |       |    |       |
| LUTC12 | 12"   | 400    |   |    |       |    |       |    |       |
| LUTC18 | 18"   | 650    |   |    |       |    |       |    |       |
| LUTC24 | 24"   | 850    |   |    |       |    |       |    |       |
| LUTC33 | 33"   | 1250   |   |    |       |    |       |    |       |
| LUTC42 | 42"   | 1660   |   |    |       |    |       |    |       |

\*\*A 14 Watt Emergency Ballast is available, but must be remotely mounted.



| Part No                   | LUTC9                              | LUTC12                             | LUTC18                             | LUTC24                             | LUTC33                             | LUTC42                             |
|---------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|
| 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                                |



| 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%    |

