

General Lighting Fixtures with Integrated Controls

LRTH



Description

Leviton General Lighting Fixtures with Integrated Controls are self-contained, fully integrated fixtures for commercial LED solutions. The LED recessed troffer type H (LRTH) is a commercial-grade, lay-in coffered T-Bar luminaire offering modern styling and high visual comfort with a single, shallow, semi-round lens. This IC-rated luminaire's low-profile design makes it ideal for shallow or obstructed plenum applications. For use with indoor applications where low glare, high-quality and ease of installation are required.

This luminaire features the Solo standalone occupancy sensor with daylight harvesting or the Intellect™ wireless occupancy/daylight sensor* that integrates into the GreenMAX® DRC Wireless lighting control system.

*Available through a Leviton Agent only.

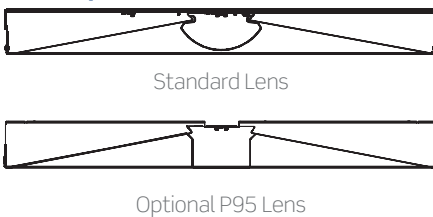
Features

- Shallow design
- Extruded acrylic lens
- For use in insulated ceilings
- Room side access for driver compartment
- Optional lens available
- Available in 1x4, 2x2, and 2x4 configurations
- 80+ CRI
- Two integrated control options available
- Standard low voltage dimming (0-10V)
- UL, cUL listed
- 5-year limited warranty

Applications

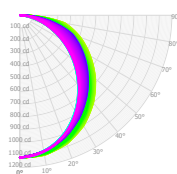
- Office areas
- Retail stores
- Classrooms
- Hospitals
- Nursing homes

Lens Options



Photometrics

IES File: LRTH2X2-LED040K032LUUV
Lumens: 3284
Wattage: 32
Efficacy: 103

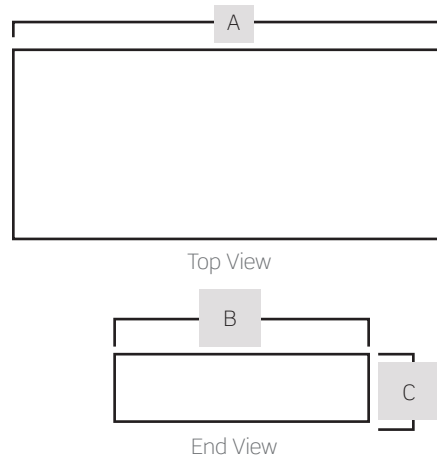


| Zonal Lumen Summary | | | Coefficients of Utilization | | | | | | | | | | |
|---------------------|--------|----------|-----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Zone | Lumens | %Fixture | pc | 80% | | 70% | | 50% | | 70% | | 50% | |
| | | | pw | 70% | 50% | 30% | 70% | 50% | 30% | 70% | 50% | 30% | 70% |
| 0.0° - 30.0° | 860 | 26.2% | 0 | 119 | 119 | 119 | 116 | 116 | 116 | 111 | 111 | 111 | 111 |
| 0.0° - 40.0° | 1399 | 42.6% | 1 | 108 | 103 | 98 | 105 | 100 | 96 | 100 | 96 | 92 | 88 |
| 0.0° - 60.0° | 2463 | 75.0% | 2 | 98 | 89 | 82 | 95 | 87 | 80 | 90 | 83 | 78 | 73 |
| 0.0° - 90.0° | 3284 | 100.0% | 3 | 89 | 78 | 69 | 86 | 76 | 68 | 81 | 73 | 66 | 61 |
| | | | 4 | 81 | 69 | 60 | 79 | 67 | 59 | 74 | 65 | 57 | 52 |
| | | | 5 | 75 | 61 | 52 | 72 | 60 | 51 | 68 | 58 | 50 | 46 |
| | | | 6 | 69 | 55 | 46 | 67 | 54 | 45 | 63 | 52 | 45 | 41 |
| | | | 7 | 64 | 50 | 41 | 62 | 49 | 41 | 59 | 48 | 40 | 37 |
| | | | 8 | 59 | 46 | 37 | 58 | 45 | 37 | 55 | 44 | 36 | 33 |
| | | | 9 | 56 | 42 | 34 | 54 | 41 | 33 | 51 | 40 | 33 | 30 |
| | | | 10 | 52 | 39 | 31 | 51 | 38 | 30 | 48 | 37 | 30 | 28 |

| Average Luminance Table (cd/m2) | | |
|---------------------------------|--------|--------|
| CP Summary | | |
| 0.00° | 45.00° | 90.00° |
| 3022 | 3022 | 3022 |
| 2454 | 2855 | 3193 |
| 2210 | 2812 | 3324 |
| 1900 | 2873 | 3653 |
| 1481 | 3254 | 4513 |
| 336 | 4440 | 5818 |

Effective Floor Cavity Reflectance: 20%

Dimensions



| Configuration | A | B | C |
|---------------|--------|--------|-------|
| 1x4 | 47.75" | 11.75" | 2.50" |
| 2x2 | 23.75" | 23.75" | 2.50" |
| 2x4 | 47.75" | 23.75" | 2.50" |

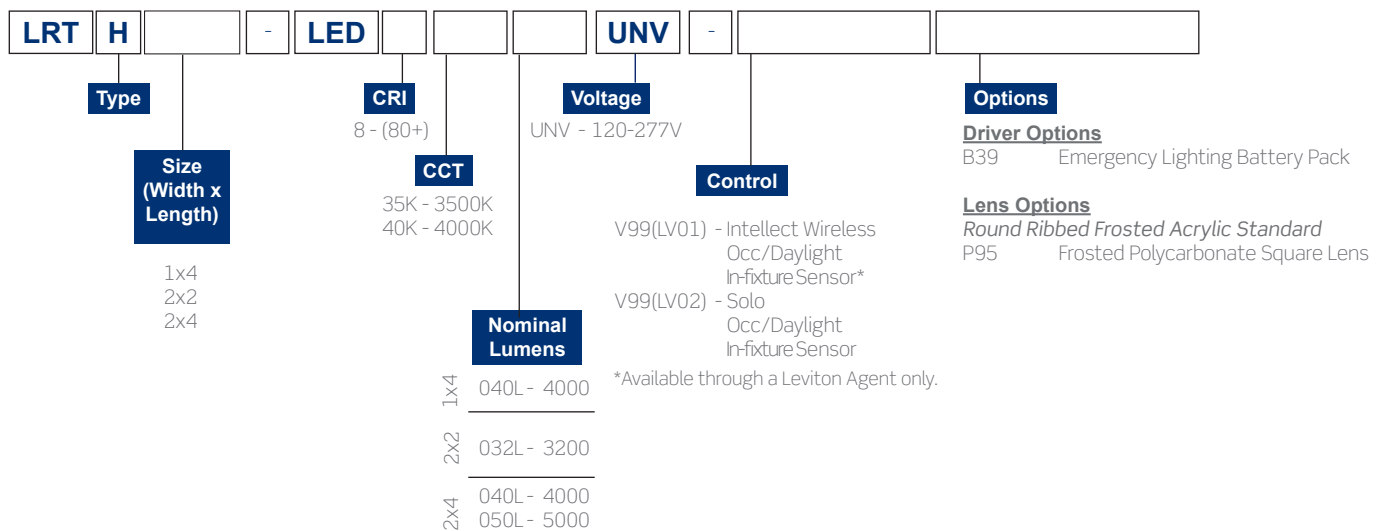
Product Data

General Lighting Fixtures—LRTH

Specifications

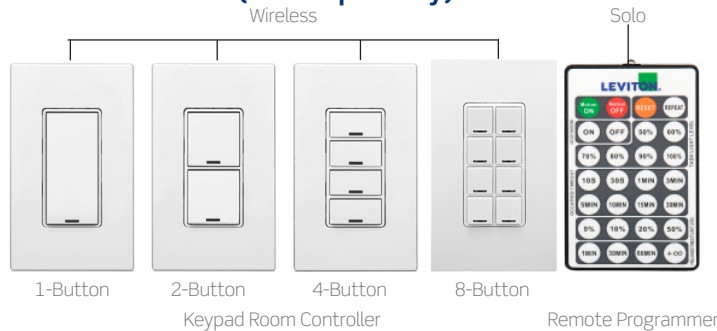
| | |
|-----------------|---|
| Lifetime Rating | Long life LEDs coupled with high efficiency drivers provide quality illumination; rated to deliver L80 performance > 50,000 hours |
| Optical System | Round linear ribbed frosted acrylic diffuser, offers high levels of efficiency and visual comfort; indirect reflectors are precision formed and contoured to provide soft, low glare, indirect illumination, while maintaining high-efficiency and a wide, uniform light distribution |
| Mounting | This luminaire has been specifically designed for T-Bar applications; holes provided for chain-mounting support to building structure with integral earthquake clips |
| Construction | Die-formed, code gauge steel housing, precision-formed steel reflector |
| Finish | White, polyester powder painted housing |
| Listings | UL, cUL |
| Warranty | Limited 5-year |

Ordering Key



Other options may be available, consult factory

Wireless Controls (Sold separately)



| Cat. No. | Description | Sensor Type Compatibility |
|------------|-------------------|---------------------------|
| DRKDN-U1W* | 1 Button Keypad | V99(LV01) |
| DRKDN-U2W* | 2 Button Keypad | |
| DRKDN-U4W* | 4 Button Keypad | |
| DRKDN-U8W* | 8 Button Keypad | |
| ZLS0R-RA1 | Remote Controller | V99(LV02) |

*Available through a Leviton Agent only.

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Visit our Website at: www.leviton.com/integratedcontrols

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