

# LCAT

## LED Contemporary Architectural Troffer

RECESSED ARCHITECTURAL

LED



createchange

### FEATURES

- Two attractive architectural center lens choices
- High efficiency acrylic center lens features linear prisms for high performance without pixelation
- Appropriate for offices, schools, medical, and public spaces
- High performance reflector with matte white paint standard
- 60,000 hour LEDs at L80 (up to 150,000 projected life) for reduced maintenance
- 83 CRI standard or optional 90 CRI for color sensitive applications
- Four LED color choices
- Multiple lumen packages
- Multiple driver options to satisfy different applications
- LED modules and electrical accessible from below
- Optional architecturally styled integration of daylight and occupancy sensor(s)
- ControlScope® compatible
- QR code traceability
- Integral battery pack optional on most models
- Compatible with Dual-Lite inverters
- Recessed, surface, or cable mount on most models
- Air return option
- DesignLights Consortium® (DLC) qualified, many configurations qualify for DLC Premium; see www.designlights.org
- Five year warranty (Terms and Conditions apply)

### ORDERING INFORMATION

LCAT [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

| MODEL                              | SIZE       | CRI                | COLOR TEMP | CEILING TYPE                            | AIR FUNCTION            | DRIVER   | OPTIONS   |
|------------------------------------|------------|--------------------|------------|---|-------------------------|--|---|
| LCAT LED                           | 12 1' x 2' | Blank >80          |            | G Grid Lay-in <sup>2</sup>              | Blank Static            | E Fixed Output   | ELL14 Emergency Battery Pack, 1400 Lumens <sup>6,7</sup>  |
| Contemporary Architectural Troffer | 14 1' x 4' | 9 >90 <sup>1</sup> | 30 3000K   | SM Surface Mount <sup>3</sup>           | A Air Return Side Slots | ESD Step Dimming <sup>5,8</sup>  | C388 3-Wire Flex  |
|                                    | 22 2' x 2' |                    | 35 3500K   | CM Cable/Suspended Mount <sup>3,4</sup> |                         | ED 0-10V Dimming   | C488 4-Wire Flex  |
|                                    | 24 2' x 4' |                    | 40 4000K   |   |                         | ED1 0-10V 1% Dimming   | C588 5-Wire Flex  |
|                                    |            |                    | 50 5000K   |   |                         | LUTH Hi-Lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology <sup>5,7</sup> | GLR Fast Blow Fuse  |
|                                    |            |                    |            |   |                         | LUTS 5-Series EcoSystem LED driver <sup>5,7</sup>  | NYC NYC Compliant   |
|                                    |            |                    |            |   |                         |  | EOR End of Row (SM and CM only. Provides end wiring access for continuous row mounting.) <sup>3</sup>   |
|                                    |            |                    |            |   |                         |  | INT Intermediate (SM and CM only. Provides end wiring access for continuous row mounting.) <sup>3</sup> |
|                                    |            |                    |            |   |                         |  | CP Chicago Plenum   |
|                                    |            |                    |            |   |                         |  | ODP Occupancy and Daylight Sensors, Philips <sup>7,8</sup>  |
|                                    |            |                    |            |   |                         |  | ZRE ControlScope® compatible <sup>9</sup>   |

#### ACCESSORIES (ORDER SEPARATELY)

|                |  |
|----------------|--|
| FK12           | 1' x 2' Single Flange Kit                                    |
| FK14           | 1' x 4' Flange Kit   |
| FK22           | 2' x 2' Flange Kit   |
| FK24           | 2' x 4' Flange Kit   |
| CM48Y2SC3F-KIT | 48" Cable Mount Kit for 2' wide Cable Mount fixtures, 3-Wire |
| CM48Y1SC3F-KIT | 48" Cable Mount Kit for 1' wide Cable Mount fixtures, 3-Wire |

#### LUMEN OUTPUT

|      |                               |
|------|-------------------------------|
| XW   | Extra Low Watt                |
| XWHE | Extra Low Watt High Efficacy  |
| VW   | Very Low Watt                 |
| VWHE | Very Low Watt High Efficacy   |
| MW   | Medium Low Watt               |
| MWHE | Medium Low Watt High Efficacy |
| LW   | Low Watt                      |
| ML   | Medium Lumen                  |
| MLHE | Medium Lumen High Efficacy    |
| HL   | High Lumen                    |
| HLHE | High Lumen High Efficacy      |
| VL   | Very High Lumen               |
| VLHE | Very High Lumen High Efficacy |
| XL   | Extra High Lumen              |

#### SHIELDING

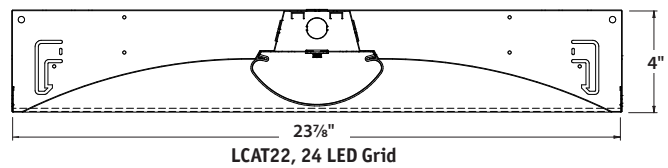
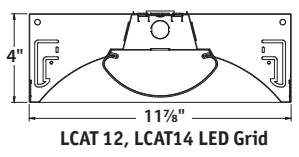
|       |             |
|-------|-------------|
| Blank | Curve       |
| R     | Rectangular |

#### VOLTAGE

|     |           |
|-----|-----------|
| U   | 120V-277V |
| 347 | 347V      |

<sup>1</sup> Not available with HE lumen output.  
<sup>2</sup> For drywall, order G with Flange Kit Accessory.  
<sup>3</sup> Not available with Air Return (A) air function.  
<sup>4</sup> Order hanger accessories separately.  
<sup>5</sup> Limitations apply based on product size and lumen packages; see individual spec sheets.  
<sup>6</sup> For compatibility with Dual-Lite LiteGear(R) inverters, contact Hubbell Lighting Representative.  
<sup>7</sup> Not available in 347V.  
<sup>8</sup> Only available with 0-10V Dimming (ED) Driver Option.  
<sup>9</sup> Registered trademark of Daintree Networks, used by permission.

See Product Availability Table below. For questions about configuration options, contact Hubbell Representative.



#### PRODUCT AVAILABILITY

| SIZE | LUMEN PACKAGE | NOMINAL LUMENS | NOMINAL WATTS | LUMENS PER WATT |
|------|---------------|----------------|---------------|-----------------|
| 12   | VW            | 1519-1730      | 13            | 114-130         |
|      | MW            | 1744-1986      | 18            | 99-113          |
|      | LW            | 2676-3047      | 23            | 118-135         |
|      | ML            | 3331-3794      | 29            | 116-132         |
|      | HL            | 3584-4083      | 32            | 113-129         |

Nominal lumen range represents 3000K through 5000K. Lumens vary according to color temperatures and other factors. See specific photometric test(s).

#### PRODUCT AVAILABILITY

| SIZE | LUMEN PACKAGE | NOMINAL LUMENS | NOMINAL WATTS | LUMENS PER WATT |
|------|---------------|----------------|---------------|-----------------|
| 14   | XW            | 2299-2478      | 19            | 119-128         |
|      | XWHE          | 2457-2648      | 19            | 127-136         |
|      | VW            | 3147-3584      | 28            | 114-130         |
|      | VWHE          | 3083-3511      | 24            | 128-146         |
|      | MW            | 3656-4164      | 32            | 113-129         |
|      | MWHE          | 3820-4351      | 31            | 125-142         |
|      | LW            | 4376-4985      | 36            | 122-138         |
|      | ML            | 4689-5341      | 38            | 122-139         |
|      | HL            | 5405-6156      | 44            | 123-140         |
|      | VL            | 6793-7738      | 58            | 118-135         |

#### PRODUCT AVAILABILITY

| SIZE | LUMEN PACKAGE | NOMINAL LUMENS | NOMINAL WATTS | LUMENS PER WATT |
|------|---------------|----------------|---------------|-----------------|
| 22   | VW            | 1567-1785      | 14            | 115-131         |
|      | VWHE          | 1530-1743      | 13            | 121-138         |
|      | MW            | 2049-2334      | 18            | 114-130         |
|      | MWHE          | 2010-2289      | 17            | 122-139         |
|      | LW            | 2689-3063      | 23            | 119-136         |
|      | ML            | 3320-3781      | 29            | 116-132         |
|      | MLHE          | 3392-3751      | 28            | 119-136         |
|      | HL            | 3599-4099      | 32            | 113-129         |
|      | HLHE          | 3497-3769      | 27            | 126-136         |
|      | VL            | 4270-4863      | 39            | 111-126         |
| 24   | VLHE          | 4257-4649      | 35            | 123-134         |
|      | XW            | 2341-2524      | 19            | 123-132         |
|      | XWHE          | 2458-2650      | 19            | 129-139         |
|      | VW            | 3124-3558      | 28            | 113-129         |
|      | VWHE          | 3310-3770      | 27            | 123-140         |
|      | MW            | 3363-3831      | 30            | 111-127         |
|      | MWHE          | 3717-4234      | 31            | 121-138         |
|      | LW            | 4268-4861      | 36            | 118-135         |
|      | ML            | 4771-5434      | 39            | 123-140         |
|      | HL            | 5443-6200      | 44            | 124-141         |
| XL   | VL            | 6999-7972      | 59            | 119-135         |
|      | XL            | 8168-9304      | 74            | 111-126         |