

**LED**



**FEATURES**

- Contemporary style LED retrofit for existing 2x2 prismatic or parabolic troffers with depth 3-1/8" or greater
- Fully integrated hinged door assembly allows for easy installation and rapid troffer conversion
- Reduces job site waste by reusing existing fixture housing
- High efficiency acrylic center lens features linear prisms for high performance without pixilation
- High performance reflector with matte white paint standard
- Four LED color choices
- Multiple lumen packages
- 60,000 hour LEDs at L80 (up to 150,000 projected life) for reduced maintenance
- Integral battery pack optional on most models
- ControlScope® compatible
- Optional architecturally styled integration of daylight and occupancy sensor(s)
- DesignLights Consortium® (DLC) qualified; see [www.designlights.org](http://www.designlights.org)
- Five year warranty (Terms and Conditions apply)

**PROJECT INFORMATION**

Project Name \_\_\_\_\_

Type \_\_\_\_\_

Catalog No. \_\_\_\_\_

Date \_\_\_\_\_

**CONSTRUCTION**

Retrofit kit reflectors, ends, frame and rails are manufactured from die formed code gauge cold rolled steel. High transmission extruded acrylic features linear prisms with custom frost for high efficacy and reduced pixelation.

**SHIELDING**

Removable lens for easy access to LED module and electrical components.

**FINISH**

All reflective surfaces are finished after fabrication with unique formula high reflectivity matte white paint for soft, uniform indirect illumination.

**INSTALLATION**

Mounting rails and hardware are furnished with each luminaire for easy installation. Fixture can be hinged from either side for easy access to LED components and electrical components.

**TROFFER COMPATIBILITY**

Minimum dimensional requirements are listed below. **Columbia Lighting recommends a trial installation prior to ordering project quantities.**

SLK retrofit kits are designed to fit into most parabolic and lensed troffers with a housing depth of 3-1/8" or greater. This product is not suitable for air handling units.

**CERTIFICATION**

All luminaires are built to UL1598 and 2108 standards, and bear appropriate CSA labels. Damp location label standard. Emergency-equipped fixtures labeled UL924 and Dry Location unless specified. Adheres to LM79, LM80, and TM21 industry standards for photometrics and lifetime calculations. DesignLights Consortium® (DLC) qualified. Please refer to the DLC website for specific product qualifications at [www.designlights.org](http://www.designlights.org).

**IC RATING**

Maintains insulation contact (IC) rating of existing fixture; note that IC label is void if product is installed on site with a combination of both step-dimming (ESD) driver plus through wiring.

**WARRANTY**

Five year warranty (Terms and Conditions apply).

**ORDERING INFORMATION**

**EXAMPLE SLK22-35HL-EDU**

| SLK                            | 22         | -  | -   | -   | U                          | -   |
|--------------------------------|------------|--|---|---|----------------------------|---|
| MODEL                          | SIZE       | COLOR TEMP                                   | LUMEN OUTPUT  | DRIVER  | VOLTAGE                    | OPTIONS   |
| SLK LED Troffer Conversion Kit | 22 2' x 2' | 30 3000K<br>35 3500K<br>40 4000K<br>50 5000K | MW Medium Low Watt<br>LW Low Watt<br>ML Medium Lumen<br>HL High Lumen<br>VL Very High Lumen | E Fixed Output<br>ESD Step Dimming <sup>1</sup><br>ED 0-10V Dimming | U Universal<br>120-277 VAC | ELL14 Emergency Battery Pack Installed, 1400 Lumens<br>LSP Lighting Surge Protector <sup>2</sup><br>ODP Occupancy and Daylight Sensors, Philips <sup>3</sup><br>ZRE ControlScope® compatible <sup>4</sup> |

**PRODUCT AVAILABILITY**

| SIZE | LUMEN PACKAGE | NOMINAL LUMENS | NOMINAL WATTS | LUMENS PER WATT |
|------|---------------|----------------|---------------|-----------------|
| 22   | MW            | 2000-2400      | 22            | 90-109          |
| 22   | LW            | 2500-2800      | 25            | 100-112         |
| 22   | ML            | 2900-3200      | 28            | 103-114         |
| 22   | HL            | 3400-3700      | 33            | 103-112         |
| 22   | VL            | 4000-4400      | 43            | 93-102          |

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

1 N/A with MW and LW lumen output  
2 Not available with ESD Step Dimming  
3 Only available with 0-10V Dimming (ED) Driver Option  
4 Registered trademark of Daintree Networks, used by permission.

**PHOTOMETRIC DATA**

Test 15581 Test Date 10/12/15

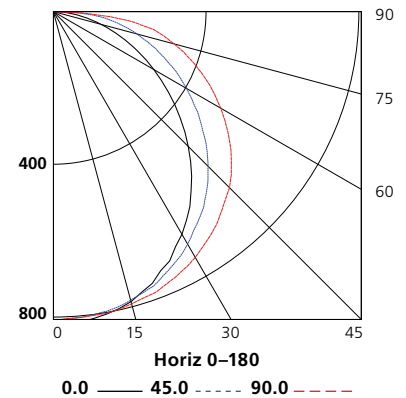
**LUMINAIRE DATA**

|                          |   |
|--------------------------|---|
| Luminaire                | SLK22-35LW-EDU                              |
| Ballast                  | D700C30UNVTZ-C                              |
| Ballast Factor           | 1.00  |
| Lamp                     | LED   |
| Fixture Lumens           | 2595  |
| Watts                    | 24  |
| Mounting                 | Recessed                                    |
| Shielding Angle          | N.A.  |
| Spacing Criterion        | 0° = 1.23 90° = 1.36                        |
| Luminous Opening in Feet | Length: 1.88'<br>Width: 1.71'<br>Height: 0' |

**ZONAL LUMEN SUMMARY**

| Zone  | Lumens | % Fixt. |
|-------|--------|---------|
| 0-30  | 638    | 25      |
| 0-40  | 1056   | 41      |
| 0-60  | 1912   | 74      |
| 0-90  | 2595   | 100     |
| 0-180 | 2595   | 100     |

**INDOOR CANDELA PLOT**



**PHOTOMETRIC DATA**

Test 15579 Test Date 10/12/15

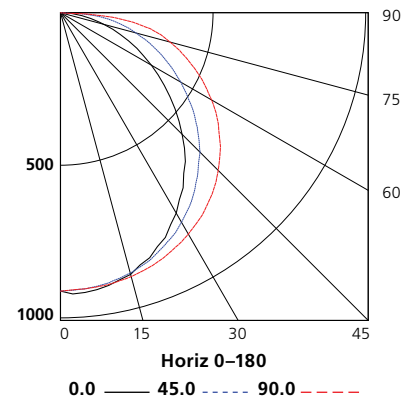
**LUMINAIRE DATA**

|                          |   |
|--------------------------|---|
| Luminaire                | SLK22-35ML-EDU                              |
| Ballast                  | D700C30UNVTZ-C                              |
| Ballast Factor           | 1.00  |
| Lamp                     | LED   |
| Fixture Lumens           | 2929  |
| Watts                    | 28  |
| Mounting                 | Recessed                                    |
| Shielding Angle          | N.A.  |
| Spacing Criterion        | 0° = 1.23 90° = 1.37                        |
| Luminous Opening in Feet | Length: 1.88'<br>Width: 1.71'<br>Height: 0' |

**ZONAL LUMEN SUMMARY**

| Zone  | Lumens | % Fixt. |
|-------|--------|---------|
| 0-30  | 720    | 25      |
| 0-40  | 1190   | 41      |
| 0-60  | 2155   | 74      |
| 0-90  | 2929   | 100     |
| 0-180 | 2929   | 100     |

**INDOOR CANDELA PLOT**



**PHOTOMETRIC DATA**

Test 15577 Test Date 10/12/15

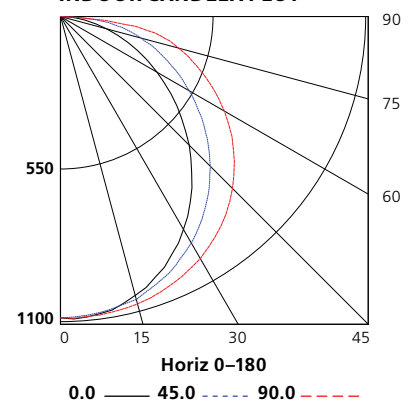
**LUMINAIRE DATA**

|                          |   |
|--------------------------|---|
| Luminaire                | SLK22-35HL-EDU                              |
| Ballast                  | D700C30UNVTZ-C                              |
| Ballast Factor           | 1.00  |
| Lamp                     | LED   |
| Fixture Lumens           | 3451  |
| Watts                    | 33  |
| Mounting                 | Recessed                                    |
| Shielding Angle          | N.A.  |
| Spacing Criterion        | 0° = 1.21 90° = 1.37                        |
| Luminous Opening in Feet | Length: 1.75'<br>Width: 1.75'<br>Height: 0' |

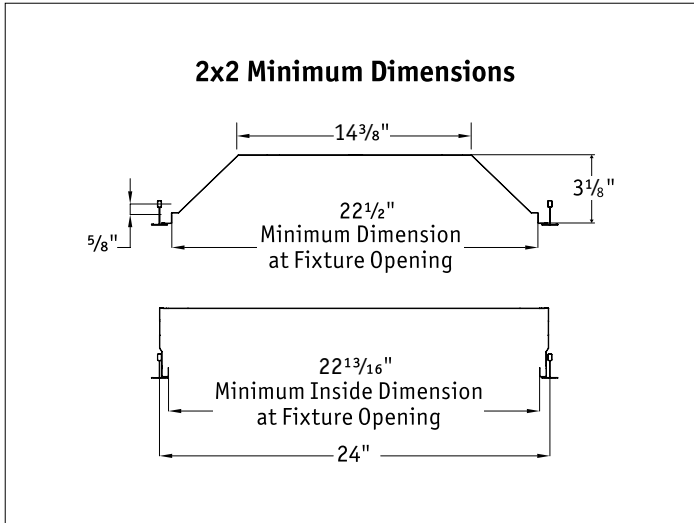
**ZONAL LUMEN SUMMARY**

| Zone  | Lumens | % Fixt. |
|-------|--------|---------|
| 0-30  | 856    | 25      |
| 0-40  | 1413   | 41      |
| 0-60  | 2553   | 74      |
| 0-90  | 3451   | 100     |
| 0-180 | 3451   | 100     |

**INDOOR CANDELA PLOT**



**DIMENSIONAL DATA**



**FIT & FUNCTION**

**Columbia recommends a trial installation prior to ordering project quantities to ensure proper fit.** SLK retrofit kits are designed to fit into most parabolic and lensed-recessed troffers with minimum dimensional requirements. SLK retrofit kits are not compatible with air handling units.