

**LED**



**FEATURES**

- Contemporary style LED retrofit for existing 2x4 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 pixelation
- 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 hour 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
- 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.

**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 SLK24-35HL-EDU**

SLK	24	-	-	U	-	
MODEL	SIZE	COLOR TEMP	LUMEN OUTPUT	DRIVER	VOLTAGE	OPTIONS
SLK LED Troffer Conversion Kit	24 2' x 4'	30 3000K 35 3500K 40 4000K 50 5000K	XW Extra Low Watt VW Very Low Watt MW Medium Low Watt LW Low Watt ML Medium Lumen HL High Lumen	E Fixed Output ESD Step Dimming ED 0-10V Dimming	U Universal 120-277 VAC	ELL14 Emergency Battery Pack Installed, 1400 Lumens LSP Lighting Surge Protector ODP Occupancy and Daylight Sensors, Philips <sup>1</sup> ZRE ControlScope® compatible <sup>1</sup>

**PRODUCT AVAILABILITY**

SIZE	LUMEN PACKAGE	NOMINAL LUMENS	NOMINAL WATTS	LUMENS PER WATT
24	XW	2600-2800	24	108-116
24	VW	3200-3500	30	106-116
24	MW	3500-3800	33	106-115
24	LW	4100-4500	39	105-115
24	ML	4500-4900	46	98-106
24	HL	5500-6000	49	112-123

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

<sup>1</sup> Registered trademark of Daintree Networks, used by permission.

**PHOTOMETRIC DATA**

Test 15575 Test Date 10/12/15

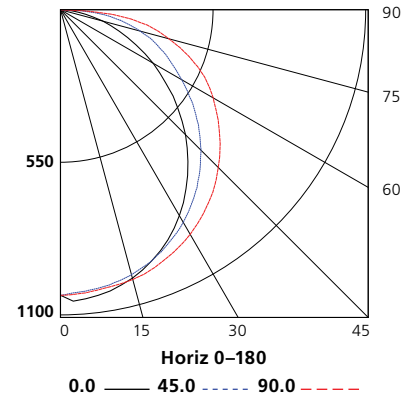
**LUMINAIRE DATA**

Luminaire	SLK24-35VW-EDU
Ballast	D10CC55UNVTZ-C
Ballast Factor	1.00
Lamp	LED
Fixture Lumens	3261
Watts	30
Mounting	Recessed
Shielding Angle	N.A.
Spacing Criterion	0° = 1.23 90° = 1.35
Luminous Opening in Feet	Length: 3.75' Width: 1.71' Height: 0.00'

**ZONAL LUMEN SUMMARY**

Zone	Lumens	% Fixt.
0-30	808	25
0-40	1332	41
0-60	2403	74
0-90	3261	100
0-180	3261	100

**INDOOR CANDELA PLOT**



**PHOTOMETRIC DATA**

Test 15573 Test Date 10/12/15

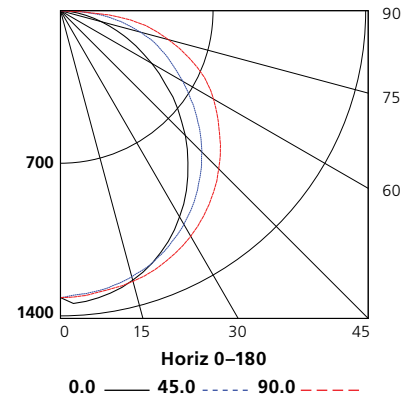
**LUMINAIRE DATA**

Luminaire	SLK24-35LW-EDU
Ballast	D10CC55UNVTZ-C
Ballast Factor	1.00
Lamp	LED
Fixture Lumens	4154
Watts	40
Mounting	Recessed
Shielding Angle	N.A.
Spacing Criterion	0° = 1.23 90° = 1.35
Luminous Opening in Feet	Length: 3.79' Width: 1.69' Height: 0.00'

**ZONAL LUMEN SUMMARY**

Zone	Lumens	% Fixt.
0-30	1033	25
0-40	1702	41
0-60	3067	74
0-90	4154	100
0-180	4154	100

**INDOOR CANDELA PLOT**



**PHOTOMETRIC DATA**

Test 15571 Test Date 10/12/15

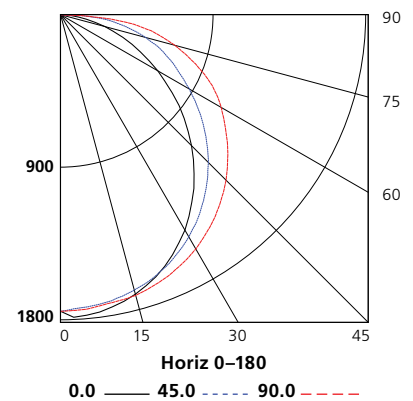
**LUMINAIRE DATA**

Luminaire	SLK24-35HL-EDU
Ballast	D10CC55UNVTZ-C
Ballast Factor	1.00
Lamp	LED
Fixture Lumens	5615
Watts	48
Mounting	Recessed
Shielding Angle	N.A.
Spacing Criterion	0° = 1.24 90° = 1.35
Luminous Opening in Feet	Length: 3.75' Width: 1.71' Height: 0'

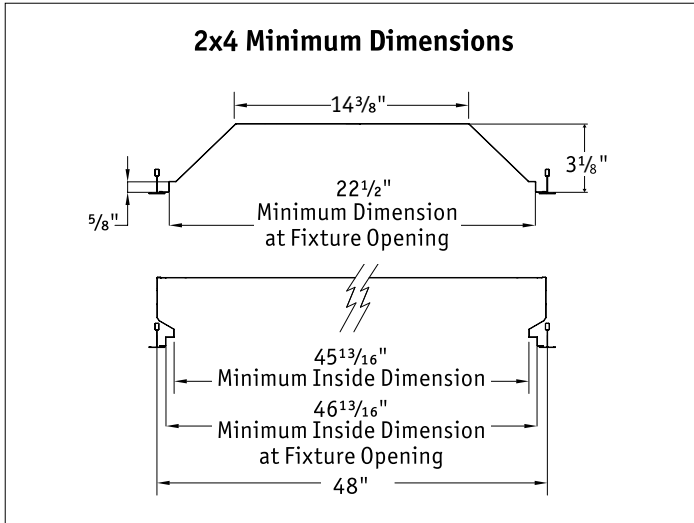
**ZONAL LUMEN SUMMARY**

Zone	Lumens	% Fixt.
0-30	1378	25
0-40	2276	41
0-60	4121	74
0-90	5615	100
0-180	5615	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.