

**DESCRIPTION**

The BLC SLED Series includes 2', 3', 4' and 8' covered LED strip lights designed to replace fluorescent strip lighting. The BLC SLED Series delivers general ambient lighting in a variety of indoor settings, including schools, hospitals and stores, and is the perfect choice for both new construction and retrofits. This high-efficacy DLC Premium qualified luminaire provides long-life, uniform illumination and standard 0-10VDC dimming capability.

**SPECIFICATIONS**

**Construction:**

- Steel housing in white finish
- LED light engine is protected by diffuse acrylic lens

**Optics/ LEDs:**

- Long life LEDs with up to 122,000 hours of operation with at least 70% of initial lumen output
- Available in 3500K (warm white), 4000K (neutral white) and 5000K (cool white) color temperatures
- 2 Foot luminaire provides 2,348 lumens (117 lumens per watt, LPW) at 3500K; 2,600 lumens (130 LPW) at 4000K; and 2,432 lumens (122 LPW) at 5000K
- 3 Foot luminaire provides 3,129 lumens (125 LPW) at 3500; 3,250 lumens (130LPW) at 4000K and 3,334 lumens (133 LPW) at 5000K
- 4 Foot luminaire provides 3,811 lumens (119 LPW) at 3500K; 4,224 lumens (132 LPW) at 4000K and 4,256 lumens (133 LPW) at 5000K
- 8 Foot luminaire provides 8,450 lumens (130 LPW) at 3500K; 8,580 lumens (132 LPW) at 4000K and 8, 645 lumens (133 LPW) at 5000K
- Uniform illumination with no visible LED pixelation
- CRI >80

**Electrical:**

- 0-10VDC dimming capability is standard
- Universal 120-277VAC, 50/60Hz
- Power factor > 0.90
- Total harmonic distortion <20%

**Installation:**

- Easy installation in new constructin or retrofit

**Testing & Compliance:**

- cULus Listed for damp location
- Operating temperatures: -20°C to 50°C (-4°F to 122°F)
- (DLC) Design Light Consortium Premium qualified
- Complies with FCC Part 15, Class A
- Complies with IEEE c.62.41-1991, Class A input transient surge protection (2.5kVA)
- Complies with IEC 61000-4-2 level 2 (4kV) electrostatic discharge (ESD)

**Warranty:**

- 5 year warranty (terms and conditions apply)

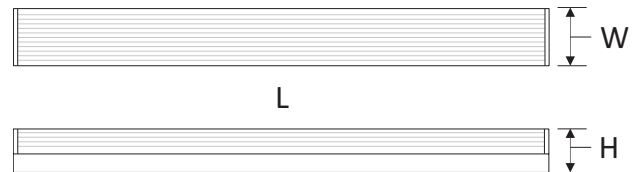
**Note:** Environment and application will affect actual performance. Typical values and 25°C used for testing. Specifications subject to change without notice.

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
 Accessories: \_\_\_\_\_  
 Job Name: \_\_\_\_\_ Type: \_\_\_\_\_



Specs at a Glance				
<b>CCT</b>	5000K (3500/4000K)			
<b>CRI</b>	>80			
<b>Footage</b>	2'	3'	4'	8'
<b>Wattage (w)</b>	20	25	32	65
<b>Lumens (lm)</b>	2,432	3,334	4,256	8,645
<b>Efficacy (LPW)</b>	122	133	133	133
<b>Input Voltage</b>	120-277VAC, 50/60Hz			
<b>Warranty</b>	5 Years			
<b>Certifications</b>	cULus Listed for Damp Location, DLC Premium, FCC Class A, 4kV ESD			
<b>Operating Temp</b>	-20°C to 50°C (-4°F to 122°F)			

**Dimensions**



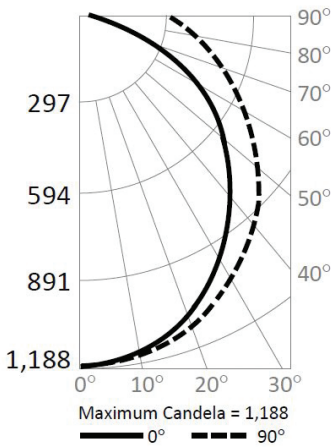
	BLC SLED2FT	BLC SLED3FT	BLC SLED4FT	BLC SLED8FT
<b>Length (L)</b>	24"	36"	48"	96"
<b>Width (W)</b>	3 3/8"	3 3/8"	3 3/8"	3 3/8"
<b>Height (H)</b>	3 1/2"	3 1/2"	3 1/2"	3 1/2"
<b>Weight (lbs.)</b>	1.9	2.5	2.9	5.1

**Ordering Information** (BLCSLED2FT-20-35KMV-ET)

SKUs	Description
<b>2 Foot Models</b>	
BLCSLED2FT-20-35KMV-ET	2 foot strip light , 20w, 3500k, 2,348 lumens
BLCSLED2FT-20-4KMV-ET	2 foot strip light , 20w, 4000k, 2,600 lumens
BLCSLED2FT-20-5KMV-ET	2 foot strip light , 20w, 5000k, 2,432 lumens
<b>3 Foot Models</b>	
BLCSLED3FT-25-35KMV-ET	3 foot strip light , 25w, 3500k, 3,129 lumens
BLCSLED3FT-25-4KMV-ET	3 foot strip light , 25w, 4000k, 3,250 lumens
BLCSLED3FT-25-5KMV-ET	3 foot strip light , 25w, 5000k, 3,334 lumens
<b>4 Foot Models</b>	
BLCSLED4FT-32-35KMV-ET	4 foot strip light , 32w, 3500k, 3,811 lumens
BLCSLED4FT-32-4KMV-ET	4 foot strip light , 32w, 4000k, 4,224 lumens
BLCSLED4FT-32-5KMV-ET	4 foot strip light , 32w, 5000k, 4,256 lumens
<b>8 Foot Models</b>	
BLCSLED8FT-65-35KMV-ET	8 foot strip light , 65w, 3500k, 8,450 lumens
BLCSLED8FT-65-4KMV-ET	8 foot strip light , 65w, 4000k, 8,580 lumens
BLCSLED8FT-65-5KMV-ET	8 foot strip light , 65w, 5000k, 8,645 lumens

**Sample Photometry**

(Example: BLCSLED4FT-32-5KMV-ET (4,256 lumens))



**Candlepower Summary**

	0°	90°
0°	1,188	1,188
10°	1,154	1,169
20°	1,064	1,112
30°	926	1,027
40°	758	921
50°	574	794
60°	391	667
70°	216	540
80°	70	427
90°	5	328

**Zonal Lumen Summary**

Zone	Lumens	% Fixture
0° – 10°	127	3.0%
0° – 20°	490	11.5%
0° – 30°	1,035	24.3%
0° – 40°	1,689	39.7%
0° – 50°	2,370	55.7%
0° – 60°	3,004	70.6%
0° – 70°	3,541	83.2%
0° – 80°	3,957	93.0%
0° – 90°	4,256	100.0%
90° – 180°	0	0%
0° – 180°	4,256	100.0%

**Cone of Light**

