

DESCRIPTION

The BLCSLED Series includes 2', 3', 4' and 8' covered LED strip lights designed to replace fluorescent strip lighting. The BLCSLED 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 3500K; 3,250 lumens (130 LPW) 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%

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)

Installation:

- Easy installation in new construction or retrofit

Warranty:

- 5 year warranty (terms and conditions apply)

Model: _____ Date: _____
Accessories: _____
Job Name: _____ Type: _____

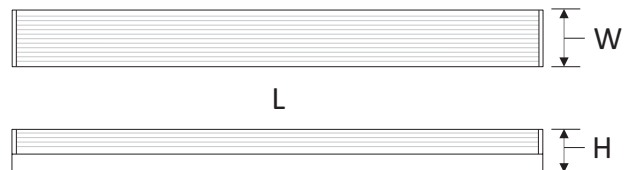


Specs at a Glance				
Footage	2'	3'	4'	8'
Wattage (W)*	20W	25	32W	65W
Lumens (lm)	2432	3334	4256	8645
Efficacy (LPW)	122	133	133	133
CCT (K)	5000K (3500/4000K)			
CRI	≥80			
Input Voltage	120-277VAC, 50/60Hz			
Operating Temp	-20°C to 50°C (-4°F to 122°F)			
Certifications	cULus Listed for Damp Location, DLC Premium, FCC Class A, 4kV ESD			
Warranty	5 Years			

* Nominal Wattage. Tested at 5000K CCT.

Note: Environment and application will affect actual performance. Typical values and 25°C used for testing.

Dimensions



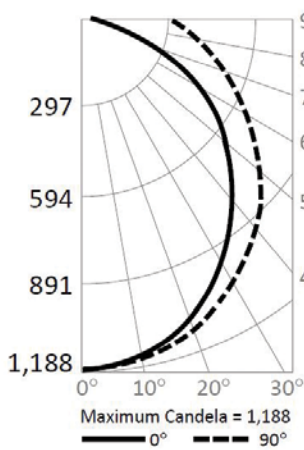
	BLCSLED2FT	BLCSLED3FT	BLCSLED4FT	BLCSLED8FT
Length (L)	24"	37"	48"	96"
Width (W)	3.4"	3.4"	3.4"	3.4"
Height (H)	3.5"	3.5"	3.5"	3.5"
Weight (lbs.)	4.1	5.1	6.2	13.8

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

SKUs	Description
2 Foot Models	
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
3 Foot Models	
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
4 Foot Models	
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
8 Foot Models	
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

