

## FEATURES & SPECIFICATIONS

### INTENDED USE

Provides an LED lighting platform to deliver general ambient lighting for surface-mount ceiling applications. Light engine delivers long life and excellent color to ensure a quality, low-maintenance light installation. Ideal for use in kitchens, offices, hallways, corridors, foyers, bedrooms, closets, utility work areas and more.

### CONSTRUCTION

The Bouldercrest is constructed of a UV-stabilized impact-resistant polycarbonate diffuser flanked by decorative cast aluminum end caps in either a brushed nickel or bronze finish. The diffuser provides even illumination and softens the appearance of the LEDs for improved aesthetics.

### OPTICS

2' produces 2,200 lumens and 4' produces 3,460 lumens at 4000K, both at 50,000 hours life.

The extruded acrylic diffuser minimizes LED image and provides high-angle brightness control.

### ELECTRICAL

Long-life LEDs, coupled with a high-efficiency driver, provide extended service life. Standard input = 25 watts, 88 lumens per watt (2') and 36 watts, 96 lumens per watt (4'). Fixture is rated to deliver L70 performance at 50,000 hours and operates at 120 volts, 60Hz.

Works with most standard incandescent dimmers (see list of approved dimmers).

### LISTINGS

UL Listed to US and Canadian safety standards. Listed for damp locations. ENERGY STAR® certified.

### WARRANTY

5-year limited warranty. Complete warranty terms located at:

[www.acuitybrands.com/support/customer-support/terms-and-conditions](http://www.acuitybrands.com/support/customer-support/terms-and-conditions)

**NOTE:** Actual performance may differ as a result of end-user environment and application.

All values are design or typical values, measured under laboratory conditions at 25 °C.

Specifications subject to change without notice.

Catalog Number
Notes
Type

Decorative Indoor

# Bouldercrest Linear Flush Mount



LINEAR LED



Specifications		
	2'	4'
Width:	8-1/2 (21.7)	8-1/2 (21.7)
Length:	28-3/8 (72.1)	50 (126.8)
Depth:	3-3/4 (9.4)	3-3/4 (9.4)
Weight:	3.8 (1.7 kg)	6.2 (2.8 kg)

All dimensions are inches (centimeters) unless otherwise indicated.

### ORDERING INFORMATION

For shortest lead times, configure product using **bolded options**.

**Example:** FMLBDRL 48IN 40K 80CRI BZ

Series	Length	Color temperature	CRI	Finish
<b>FMLBDRL</b> LED Linear Bouldercrest	<b>24IN</b> 2' Nominal <sup>1</sup> <b>48IN</b> 4' Nominal <sup>2</sup>	<b>40K</b> 4000 K <b>30K</b> 3000 K	<b>80CRI</b> >80	<b>BN</b> Brushed nickel <b>BZ</b> Bronze

### Replacement parts: Order as separate catalog number.

<b>DFMLBDRL 24</b>	2' Nominal Bouldercrest replacement diffuser <sup>3</sup>
<b>DFMLBDRL 48</b>	4' Nominal Bouldercrest replacement diffuser <sup>3</sup>

### Notes

<sup>1</sup> 24" Available in BN only.

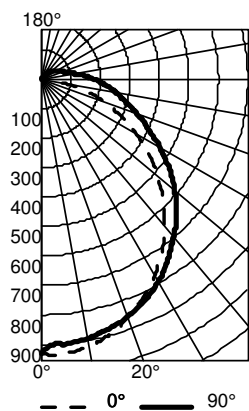
<sup>2</sup> 48" Available in 40K only.

<sup>3</sup> Replacement diffuser only; endcaps not available as replacement parts.

# LED Linear Flush Mount Bouldercrest

## PHOTOMETRICS

**FMLBDRL 48IN 30K 80 CRI BN**, test no. ISF31697, tested in accordance to IESNA LM-79.



### CP Summary

	0°	90°
0°	929	929
5°	935	903
15°	897	877
25°	817	829
35°	713	746
45°	586	648
55°	445	529
65°	297	401
75°	154	296
85°	29	216
90°	1	179

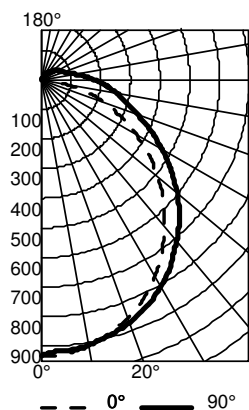
### Coefficients of Utilization

ROR	pw	80%			70%			50%		
		70%	50%	30%	50%	30%	10%	50%	30%	10%
0	117	117	117	114	114	114	107	107	107	
1	105	100	95	97	93	89	91	88	84	
2	95	86	79	84	77	71	79	73	69	
3	87	76	67	73	65	59	69	63	57	
4	79	67	58	65	56	50	61	54	48	
5	73	60	50	58	49	43	55	47	42	
6	67	53	44	52	44	37	50	42	36	
7	62	48	39	47	39	33	45	38	32	
8	58	44	35	43	35	29	41	34	29	
9	54	40	32	40	32	26	38	31	26	
10	51	37	29	36	29	24	35	28	23	

### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	725	23.2	23.2
0° - 40°	1187	38.0	38.0
0° - 60°	2116	67.8	67.8
0° - 90°	2885	92.4	92.4
90° - 120°	185	5.9	5.9
90° - 130°	212	6.8	6.8
90° - 150°	233	7.5	7.5
90° - 180°	238	7.6	7.6
0° - 180°	3123	100.0	100.0

**FMLBDRL 48IN 40K 80 CRI BN**, test no. ISF31696, tested in accordance to IESNA LM-79.



### CP Summary

	0°	90°
0°	931	931
5°	928	919
15°	890	892
25°	815	844
35°	708	761
45°	581	656
55°	444	536
65°	296	405
75°	153	295
85°	28	218
90°	0	178

### Coefficients of Utilization

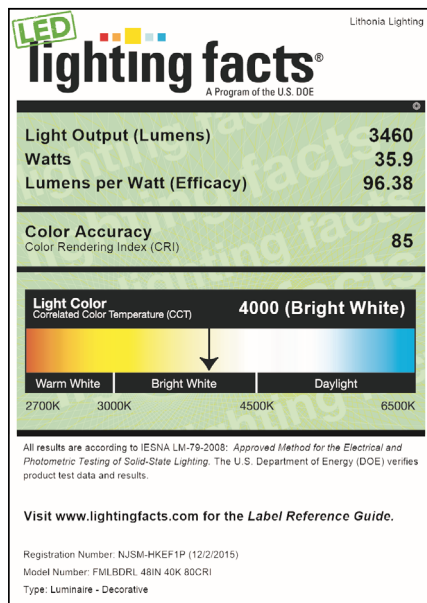
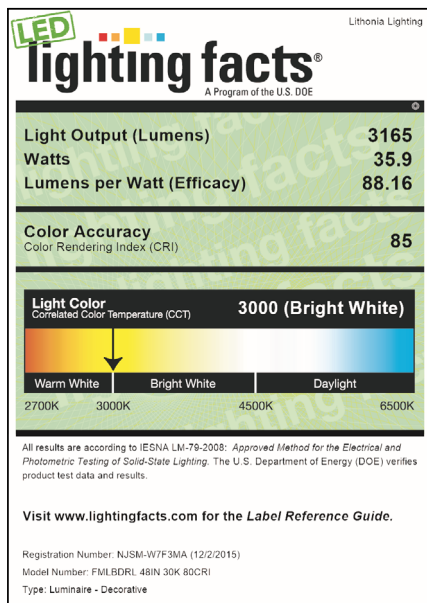
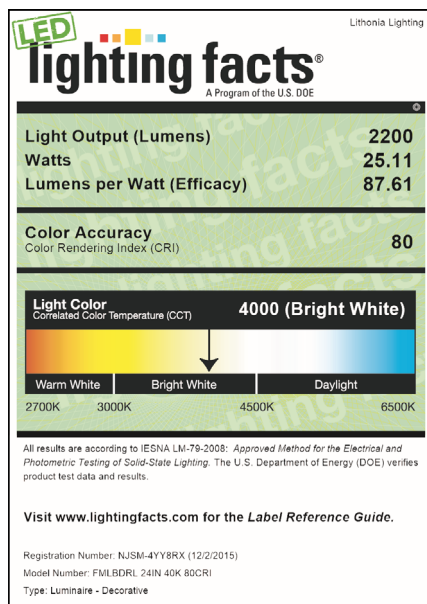
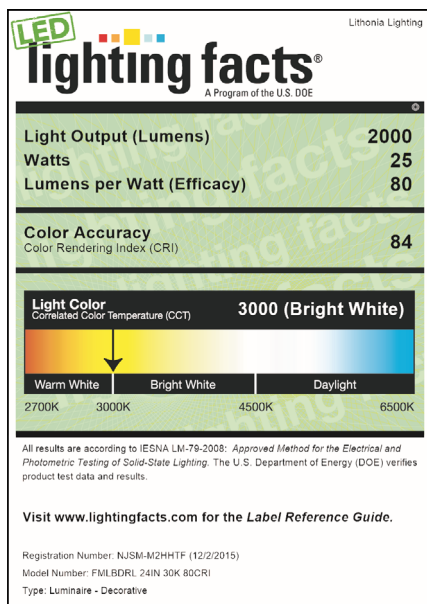
ROR	pw	80%			70%			50%		
		70%	50%	30%	50%	30%	10%	50%	30%	10%
0	117	117	117	114	114	114	107	107	107	
1	105	100	95	97	92	88	91	88	84	
2	95	86	79	84	77	71	79	73	68	
3	87	75	67	73	65	59	69	62	57	
4	79	67	58	65	56	50	61	54	48	
5	73	59	50	58	49	43	55	47	41	
6	67	53	44	52	43	37	49	42	36	
7	62	48	39	47	39	33	45	37	32	
8	58	44	35	43	35	29	41	34	28	
9	54	40	32	39	32	26	38	31	26	
10	51	37	29	36	29	24	35	28	23	

### Zonal Lumen Summary

Zone	Lumens	% Lamp	% Fixture
0° - 30°	727	23.0	23.0
0° - 40°	1192	37.8	37.8
0° - 60°	2129	67.4	67.4
0° - 90°	2909	92.1	92.1
90° - 120°	192	6.1	6.1
90° - 130°	220	7.0	7.0
90° - 150°	244	7.7	7.7
90° - 180°	249	7.9	7.9
0° - 180°	3157	100.0	100.0

# LED Linear Flush Mount Bouldercrest

## LIGHTING FACTS



### COMPATIBLE DIMMERS

The FMLBDRL is designed to operate with most standard Triac Based dimmers and is not compatible with 0-10v dimming systems. The following is a list of dimmers tested and does not imply any guarantee or warranty of compatibility with a particular application. Unlisted dimmers do not imply non-compatibility.

Manufacturer	Part number(s)
Leviton	6633-PA
Lutron	DV-603P
	S-600-P
Pass & Seymour	HCL453PTCCCV6
Synergy	ISD 600 I 120