



ASCENT

ARCHITECTURAL LIGHTING

PROJECT

DATE

COMMENTS



IN STOCK



ENERGY CHART

SIZE	Width x Length inches	Height inches	DELIVERED LUMENS	WATTAGE	EFFICACY lm/w
22	23.74 x 23.74	1.97"	1950 - 5000	15 - 40	125 - 130
24	23.74 x 47.72	2.46"	3250 - 6250	25 - 50	125 - 130

ORDERING LOGIC

FAMILY	SIZE	OPTIONS
CREST		
	22 2X2	EM 16W Emergency Battery
	24 2X4	

CREST CENTER BASKET TROFFER LED

CREST is a versatile center-basket LED troffer that delivers uniform, glare-free illumination with selectable wattages and five adjustable color temperatures (3500K–6500K). Featuring a sleek, low-profile design and back-lit frosted polycarbonate lens, it offers up to 6,500 lumens at an impressive 125 LPW. CREST is manufactured with a single stamping process producing corners and sides that are turned in and hemmed which removes sharp edges for safer installation. Compatible with standard t-grid ceilings and 0–10V dimming systems, CREST is ideal for schools, offices, and healthcare settings. DLC Premium listed and backed by a 5-year warranty, it's engineered for performance, efficiency, and flexibility.

PHYSICAL

Material	Aluminum & Steel
Lens Material	Frosted Polycarbonate
Mounting	Recessed T-Grid Compatible with 9/16" Flat, 9/16" Slot, 9/16" Interlude and 15/16" Flat
Finish	White

PERFORMANCE

Warranty	5 years
Certifications	cETLus, Damp Location, DLC Premium
Rated Life	L89 > 50,000 hours
Operating Temperature	-20°C - 40°C (-4 - 113°F)
CCT	Field Selectable: 3500K, 4000K, 5000K, 5700K, 6500K
CRI	80CRI

ELECTRICAL

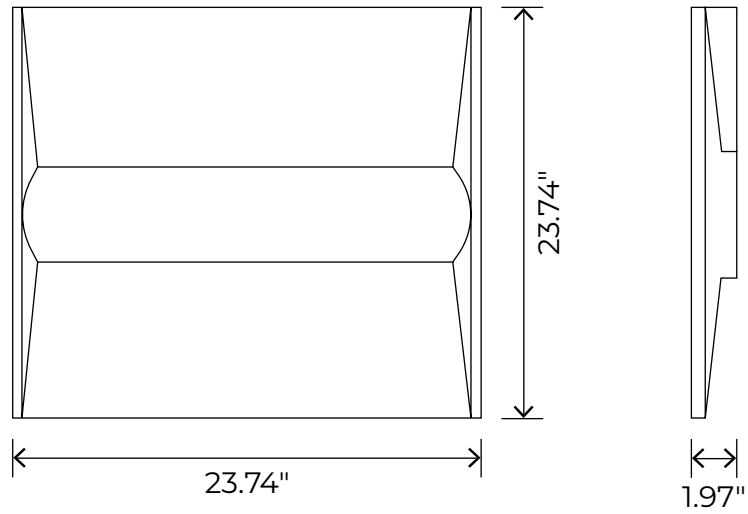
Wattage	Field Selectable 2x2: 15W, 20W, 25W, 30W, 40W 2x4: 25W, 30W, 35W, 40W, 50W
Voltage	110-277V
Power Factor	> 0.9
Dimmable	10-100% 0-10V
THD	< 20%

EX: CREST-22-EM

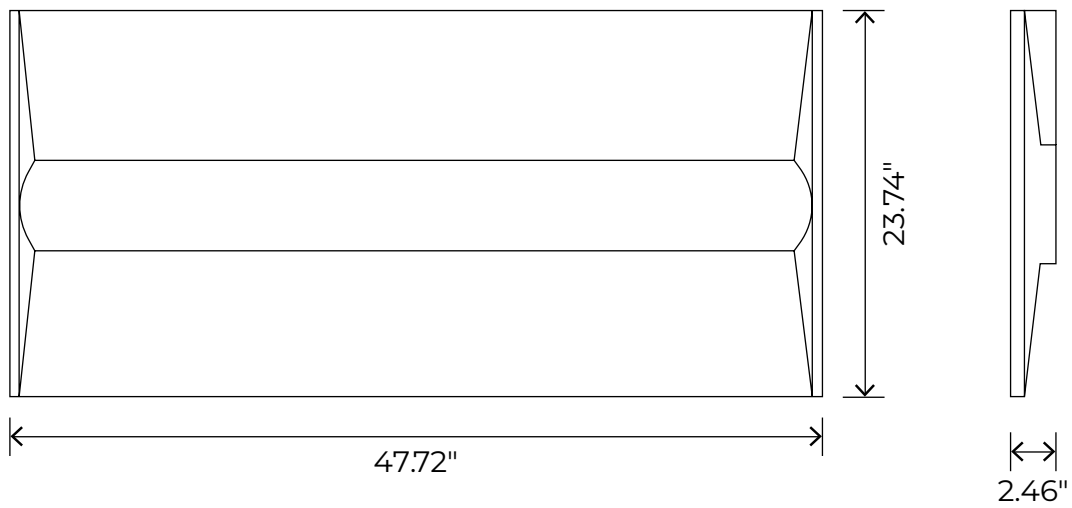


DIMENSIONS

2 x 2 ft" Product



2 x 4 ft" Product





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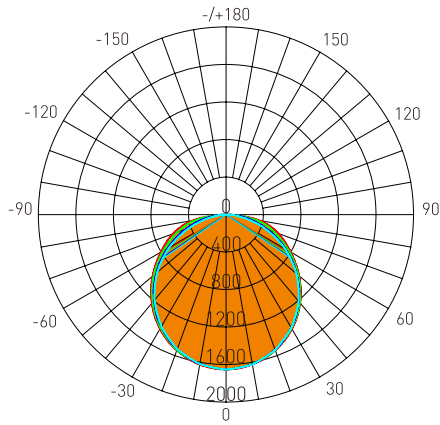
ARCHITECTURAL LIGHTING

CREST CENTER BASKET TROFFER LED

DISTRIBUTION DIAGRAM

2 x 2 ft" Product

2'x2' / 3500K



AVERAGE BEAM ANGLE(50%): 114.2°

Lumens: 4902.7 Lm
Watts: 40W
LPW: 115.97Lm/W
CCT: 3500K

UNIT: cd
— C0/180, 117.7°
— C30/210, 115.6°
— C60/240, 112.5°
— C90/270, 111.0°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
5	1645	1638	1637	1638	1645
10	1623	1617	1623	1618	1624
15	1589	1585	1579	1587	1589
20	1540	1531	1535	1533	1541
25	1480	1471	1463	1473	1482
30	1408	1396	1392	1399	1410
35	1324	1309	1299	1313	1327
40	1231	1216	1205	1222	1234
45	1128	1108	1092	1113	1133
50	1019	1000	979.1	1004	1025
55	906.7	876.2	850.4	883.3	914.2
60	798.5	754.3	721.6	764.0	805.9
65	695.8	630.3	581.8	639.9	704.9
70	599.6	512.4	441.9	522.5	606.7
75	493.7	400.5	305.0	411.6	496.9
80	366.6	281.9	168.1	291.5	365.8
85	162.4	150.6	86.45	156.5	147.8
90	3.171	4.785	4.763	4.609	4.411
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

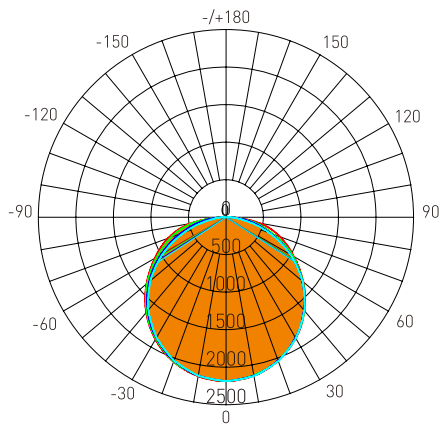
τ	φ total
0-5	39.29
5-10	155.7
10-15	345.5
15-20	601.9
20-25	916.4
25-30	1278
30-35	1676
35-40	2096
40-45	2525
45-50	2949
50-55	3355
55-60	3731
60-65	4067
65-70	4356
70-75	4592
75-80	4767
80-85	4871
85-90	4903
UNIT: lm	

Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	5176	2755
80	5864	2690
75	5298	3274
70	4870	3589
65	4574	3824
60	4436	4009
55	4391	4118
50	4406	4231
45	4433	4289

2 x 4 ft" Product

2'x4' / 3500K



AVERAGE BEAM ANGLE(50%): 115.9°

Lumens: 6581.2 Lm
Watts: 50W
LPW: 129.41Lm/W
CCT: 3500K

UNIT: cd
— C0/180, 118.6°
— C30/210, 117.1°
— C60/240, 114.6°
— C90/270, 113.5°

Zonal Flux Diagram

τ	C0	C45	C90	C135	C180
5	2173	2166	2167	2169	2177
10	2144	2138	2149	2145	2152
15	2099	2097	2095	2107	2109
20	2035	2027	2040	2050	2034
25	1956	1951	1951	1966	1975
30	1861	1855	1862	1872	1884
35	1751	1742	1743	1764	1778
40	1627	1621	1624	1647	1659
45	1490	1479	1477	1506	1527
50	1345	1336	1330	1365	1386
55	1193	1171	1160	1206	1240
60	1046	1008	989.1	1048	1098
65	904.9	840.3	800.4	882.4	964.3
70	768.6	681.2	611.7	717.3	828.8
75	622.9	530.3	424.2	550.3	671.1
80	455.1	367.7	236.8	383.9	488.2
85	210.5	191.2	122.6	204.4	210.7
90	4.488	6.035	8.465	6.436	5.743
DEG	LUMINOUS INTENSITY:cd				

Zonal Lumens

τ	φ total
0-5	51.98
5-10	206.1
10-15	457.6
15-20	797.9
20-25	1216
25-30	1699
30-35	2231
35-40	2794
40-45	3371
45-50	3943
50-55	4493
55-60	5002
60-65	5459
65-70	5848
70-75	6161
75-80	6393
80-85	6535
85-90	6581
UNIT: lm	

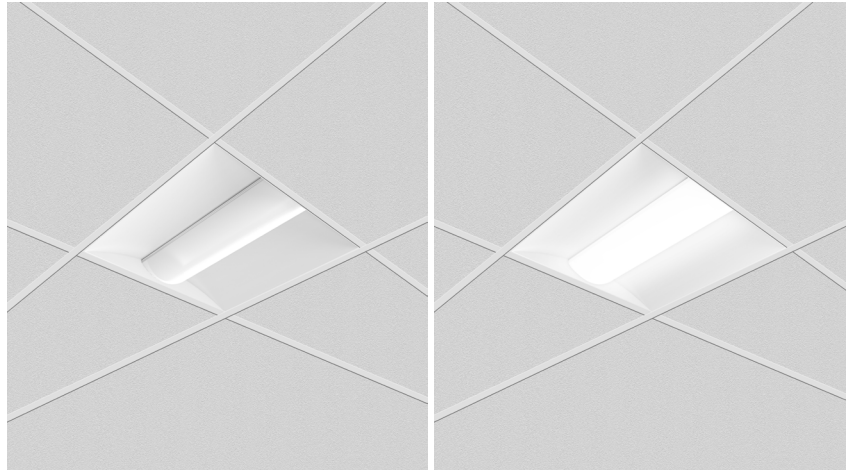
Luminance cd/(m2)

G(DEG)	C0/180	C90/270
85	3354	1954
80	3640	1894
75	3343	2277
70	3121	2484
65	2974	2630
60	2906	2748
55	2890	2808
50	2906	2874
45	2927	2901



ADDITIONAL IMAGERY

2 x 2 ft" Product



2 x 4 ft" Product

