

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: CORELITE

Report Number: P738288

Luminaire Tested: **22PT-60-PL1-L835**

Issue Date: 2/8/2024



**Test Information**

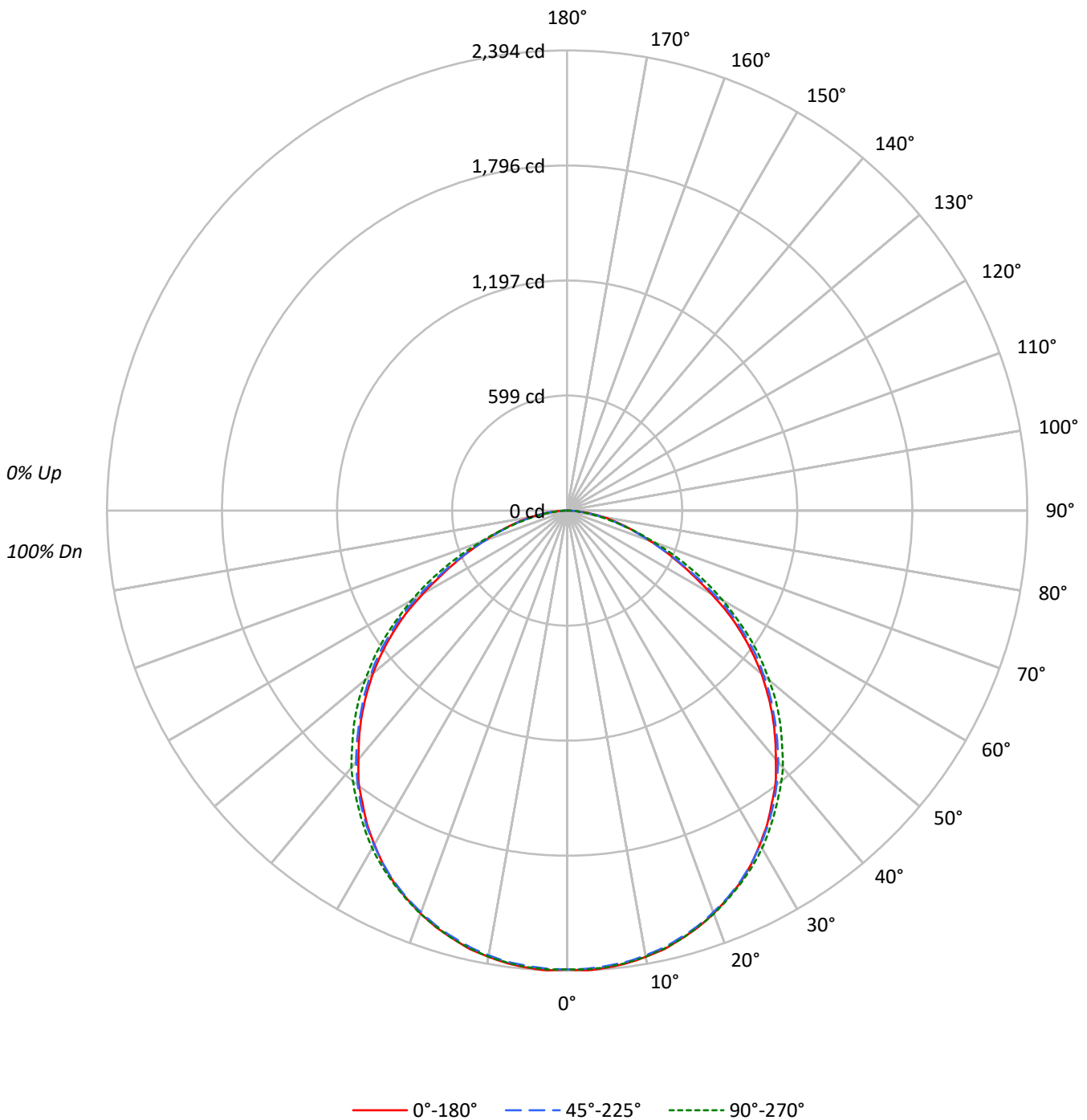
Test Method: LM-79-08  
Report Number: P738288  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2212-851-10)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 22PT-60-PL1-L835  
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND LEAVES LENS  
  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6289.0 lumens  
Efficiency: N/A  
Efficacy: 121.4 lumens/watt  
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.35  
Luminous Opening: Rectangular (W 1.92' x L: 1.92' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 51.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

TEST NUMBER: P738288  
CATALOG NUMBER: 22PT-60-PL1-L835

### Luminous Intensity Polar Plot





TEST NUMBER: P738288

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	105	101	97	107	103	99	96	98	95	93	95	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	77	83	79	76	80	77	74	72
3	91	81	73	67	89	80	72	67	77	71	65	74	69	64	72	67	63	61
4	84	72	64	57	82	71	63	57	68	62	56	66	60	55	64	59	55	52
5	77	65	56	50	75	64	55	49	62	54	49	60	53	48	58	52	48	46
6	71	58	50	43	70	57	49	43	56	48	43	54	47	42	52	47	42	40
7	66	53	44	38	65	52	44	38	51	43	38	49	43	38	48	42	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	39	34	44	38	34	32
9	58	44	36	31	56	44	36	31	43	36	31	42	35	31	41	35	30	29
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	6994	6994	6994
5°	7021	6994	7012
10°	7015	6991	7009
15°	6991	6970	6994
20°	6954	6932	6961
25°	6899	6886	6915
30°	6785	6798	6863
35°	6642	6688	6767
40°	6461	6533	6679
45°	6262	6317	6495
50°	6015	6088	6253
55°	5648	5761	5941
60°	5078	5249	5473
65°	4449	4539	4880
70°	3906	3871	4121
75°	3513	3365	3376
80°	3152	2982	2661
85°	2498	2464	2027



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	226.4	3.6
10°-20°	649.2	10.3
20°-30°	981.8	15.6
30°-40°	1170.7	18.6
40°-50°	1182.0	18.8
50°-60°	1008.3	16.0
60°-70°	662.6	10.5
70°-80°	324.4	5.2
80°-90°	83.6	1.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	1857.4	29.5
0°-40°	3028.1	48.1
0°-60°	5218.4	83.0
0°-90°	6289.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6289.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2387	2387	2387	2387	2387	
5°	2387	2382	2378	2378	2384	227
15°	2305	2301	2298	2299	2306	651
25°	2134	2129	2130	2133	2139	982
35°	1857	1862	1870	1883	1892	1162
45°	1511	1515	1524	1554	1568	1164
55°	1106	1112	1128	1154	1163	984
65°	642	642	655	685	704	642
75°	310	307	297	295	298	332
85°	74	74	73	67	60	89
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2387.0	2387.0	2387.0	2387.0	2387.0
2.5°	2394.0	2389.0	2386.0	2384.0	2389.0
5°	2387.0	2381.9	2377.9	2377.9	2384.0
7.5°	2375.9	2370.9	2367.9	2366.9	2372.9
10°	2357.8	2351.8	2349.8	2348.8	2355.8
12.5°	2336.8	2327.7	2327.7	2326.7	2333.7
15°	2304.6	2300.6	2297.6	2298.6	2305.6
17.5°	2271.5	2267.5	2265.5	2265.5	2269.5
20°	2230.3	2225.3	2223.3	2225.3	2232.3
22.5°	2183.1	2180.1	2180.1	2182.1	2187.1
25°	2133.9	2128.9	2129.9	2132.9	2138.9
27.5°	2073.7	2072.7	2072.7	2079.7	2086.7
30°	2005.4	2005.4	2009.4	2019.4	2028.5
32.5°	1936.1	1935.1	1943.1	1952.2	1962.2
35°	1856.8	1861.8	1869.8	1882.9	1891.9
37.5°	1782.4	1781.4	1791.5	1814.6	1820.6
40°	1689.1	1696.1	1708.1	1731.2	1746.3
42.5°	1601.7	1606.7	1617.8	1644.9	1654.9
45°	1511.3	1515.3	1524.4	1554.5	1567.5
47.5°	1415.9	1420.9	1434.0	1459.1	1474.2
50°	1319.5	1326.5	1335.6	1359.7	1371.7
52.5°	1214.1	1223.1	1239.2	1261.3	1270.3
55°	1105.6	1111.6	1127.7	1153.8	1162.9
57.5°	992.1	997.2	1020.3	1039.3	1046.4
60°	866.6	872.6	895.7	925.9	933.9
62.5°	748.1	753.1	773.2	809.4	821.4
65°	641.7	641.7	654.7	684.9	703.9
67.5°	547.3	545.3	547.3	570.4	590.5
70°	455.9	456.9	451.9	465.9	481.0
72.5°	380.6	380.6	370.5	372.6	384.6
75°	310.3	307.3	297.2	295.2	298.2
77.5°	248.0	243.0	235.0	229.0	221.9
80°	186.8	182.8	176.7	167.7	157.7
82.5°	130.5	126.5	122.5	117.5	107.4
85°	74.3	74.3	73.3	67.3	60.3
87.5°	30.1	29.1	28.1	27.1	25.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)