

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: P738360

Luminaire Tested: **22PT-60-PW1-L835**

Issue Date: 2/8/2024



**Test Information**

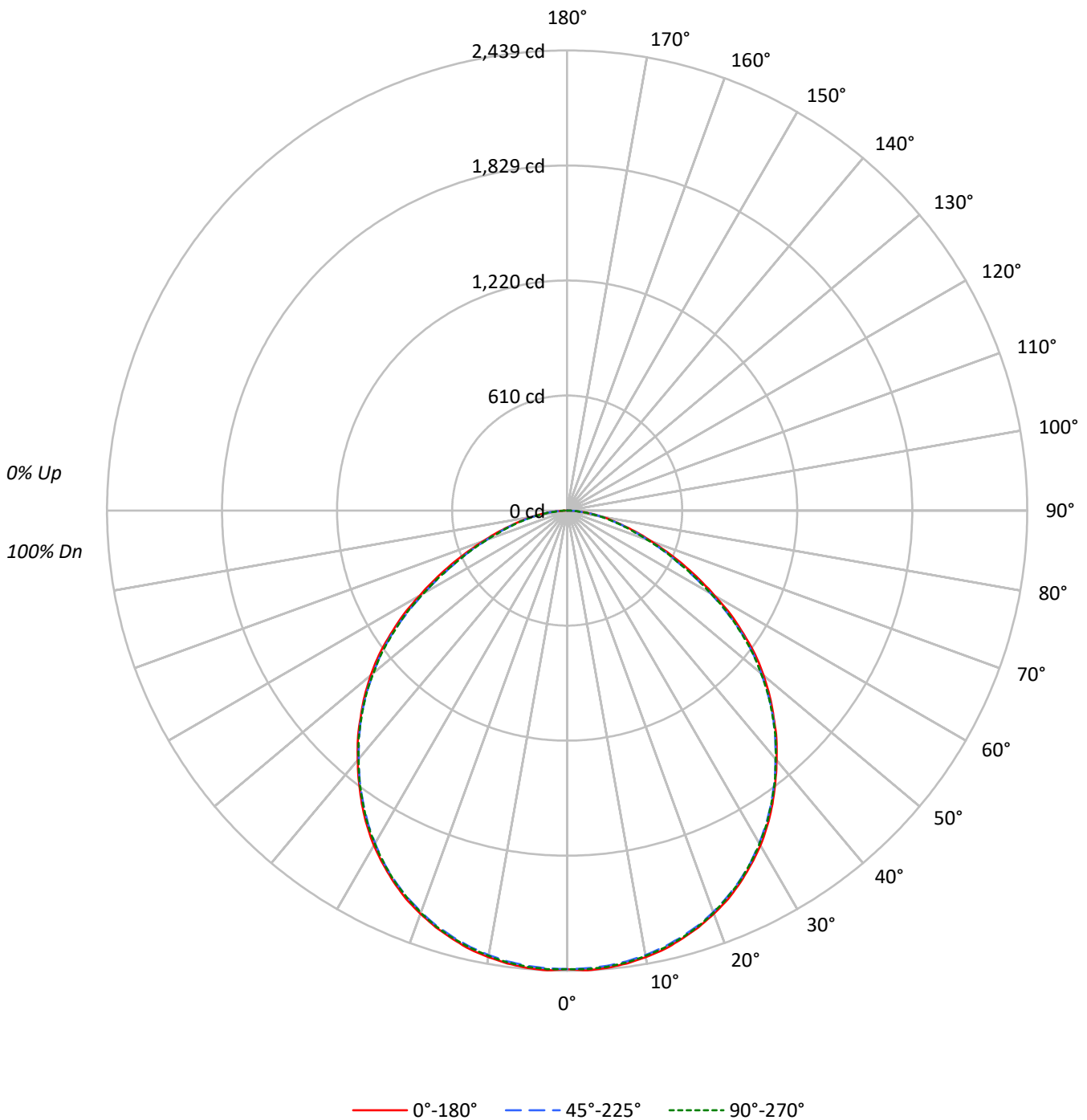
Test Method: LM-79-08  
Report Number: P738360  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2210-816-12)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 22PT-60-PW1-L835  
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND WAVES LENS  
  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6330.0 lumens  
Efficiency: N/A  
Efficacy: 122.2 lumens/watt  
Spacing Criteria (0/90/45): 1.25 / 1.24 / 1.34  
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 (A<sub>in</sub>): 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

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### Luminous Intensity Polar Plot





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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	84	79	76	81	77	74	72
3	92	81	74	67	89	80	73	67	77	71	66	74	69	64	72	67	63	61
4	84	72	64	57	82	71	63	57	69	62	56	66	60	56	64	59	55	53
5	77	65	56	50	75	64	56	49	62	54	49	60	53	48	58	52	48	46
6	72	59	50	44	70	58	49	43	56	48	43	54	48	43	53	47	42	40
7	66	53	45	39	65	52	44	38	51	44	38	49	43	38	48	42	38	36
8	62	49	40	35	60	48	40	34	47	39	34	45	39	34	44	38	34	32
9	58	45	37	31	56	44	36	31	43	36	31	42	35	31	41	35	31	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°	7122	7122	7122
5°	7157	7125	7139
10°	7152	7117	7131
15°	7129	7097	7114
20°	7091	7061	7072
25°	7027	6996	7005
30°	6935	6890	6900
35°	6787	6750	6755
40°	6606	6572	6577
45°	6415	6392	6383
50°	6193	6124	6108
55°	5835	5758	5726
60°	5297	5143	5156
65°	4710	4490	4490
70°	4037	3889	3860
75°	3502	3423	3346
80°	3150	3022	2965
85°	2501	2525	2387



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	230.5	3.6
10°-20°	660.9	10.4
20°-30°	997.1	15.8
30°-40°	1180.9	18.7
40°-50°	1188.8	18.8
50°-60°	1005.2	15.9
60°-70°	653.6	10.3
70°-80°	325.2	5.1
80°-90°	87.7	1.4
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°	1888.5	29.8
0°-40°	3069.4	48.5
0°-60°	5263.4	83.2
0°-90°	6330.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6330.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2431	2431	2431	2431	2431	
5°	2433	2424	2422	2421	2427	231
15°	2350	2342	2340	2339	2345	663
25°	2174	2166	2164	2162	2167	1001
35°	1897	1889	1887	1887	1888	1186
45°	1548	1543	1543	1540	1540	1195
55°	1142	1133	1127	1122	1121	1019
65°	679	661	648	643	648	674
75°	309	309	302	294	296	335
85°	74	76	75	75	71	89
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2430.6	2430.6	2430.6	2430.6	2430.6
2.5°	2438.9	2430.6	2427.9	2426.5	2432.7
5°	2433.4	2424.4	2422.4	2421.0	2427.2
7.5°	2421.0	2412.7	2410.0	2409.3	2415.5
10°	2403.8	2395.5	2392.0	2390.7	2396.9
12.5°	2381.7	2372.8	2369.3	2367.9	2373.4
15°	2350.0	2342.4	2339.7	2339.0	2345.2
17.5°	2315.6	2308.0	2306.6	2304.5	2310.7
20°	2274.2	2266.7	2264.6	2261.8	2268.0
22.5°	2228.8	2219.8	2217.0	2215.0	2219.8
25°	2173.6	2166.1	2164.0	2161.9	2166.8
27.5°	2113.0	2107.5	2104.7	2102.7	2105.4
30°	2049.6	2040.0	2036.5	2035.2	2039.3
32.5°	1976.6	1969.7	1964.9	1964.2	1969.0
35°	1897.4	1889.1	1887.0	1887.0	1888.4
37.5°	1813.3	1809.2	1805.7	1803.7	1807.8
40°	1727.2	1725.8	1718.2	1717.6	1719.6
42.5°	1642.5	1636.9	1631.4	1634.2	1635.6
45°	1548.1	1542.6	1542.6	1540.5	1540.5
47.5°	1457.1	1451.6	1444.0	1444.7	1446.1
50°	1358.6	1351.7	1343.5	1348.3	1340.0
52.5°	1258.0	1245.6	1239.4	1239.4	1238.7
55°	1142.3	1132.6	1127.1	1122.3	1120.9
57.5°	1030.7	1016.2	1002.4	1003.8	1008.6
60°	903.9	897.0	877.7	879.1	879.8
62.5°	789.5	776.4	756.5	756.5	763.4
65°	679.3	660.7	647.6	642.8	647.6
67.5°	571.1	560.8	549.8	542.2	549.1
70°	471.2	465.7	454.0	446.4	450.6
72.5°	389.9	382.4	372.7	368.6	364.5
75°	309.3	309.3	302.4	294.2	295.6
77.5°	243.9	241.8	237.0	233.6	233.6
80°	186.7	184.6	179.1	177.7	175.7
82.5°	128.8	129.5	126.8	124.7	121.9
85°	74.4	75.8	75.1	75.1	71.0
87.5°	31.7	28.9	31.0	30.3	33.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)