

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: P738279

Luminaire Tested: **22PT-60-PC3-L830**

Issue Date: 2/8/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P738279  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P413056)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 22PT-60-PC3-L830  
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 80 CRI LEDS AND PARAMID LENS

Light Source: -  
Ballast/Driver: -

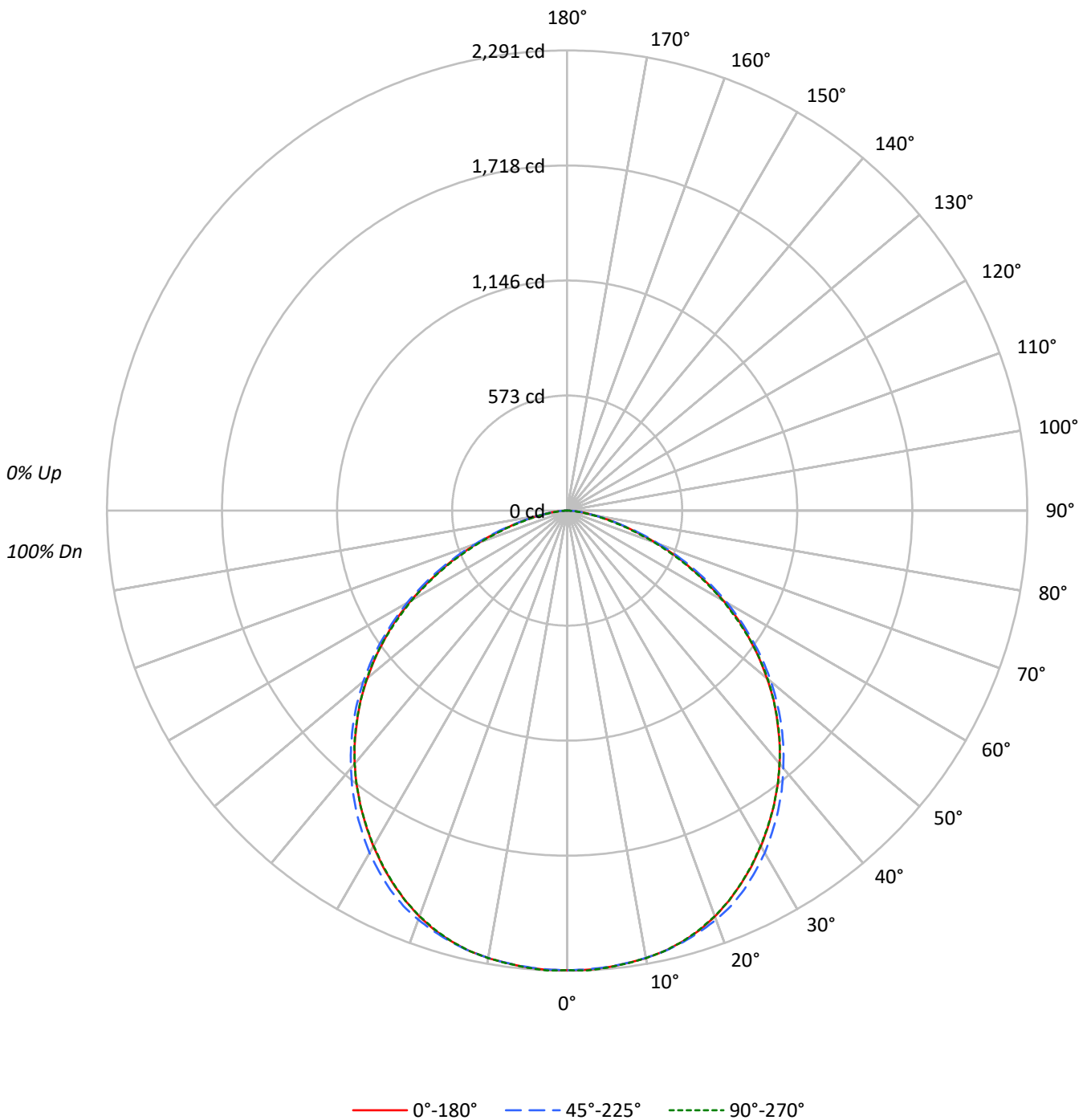
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6148.0 lumens  
Efficiency: N/A  
Efficacy: 118.7 lumens/watt  
Spacing Criteria (0/90/45): 1.25 / 1.25 / 1.37  
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	110	105	101	97	107	103	99	96	99	96	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	70	65	74	69	64	71	67	63	61
4	84	72	64	57	82	71	63	57	68	61	56	66	60	55	64	59	54	52
5	77	65	56	49	75	63	55	49	61	54	49	59	53	48	58	52	47	45
6	71	58	49	43	69	57	49	43	55	48	43	54	47	42	52	46	42	40
7	66	53	44	38	64	52	44	38	50	43	38	49	42	37	48	42	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	38	34	44	38	33	31
9	58	44	36	31	56	44	36	31	43	35	30	41	35	30	40	34	30	28
10	54	41	33	28	53	40	33	28	39	32	28	38	32	28	38	32	27	26

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

	0°	45°	90°
0°	6705	6705	6705
5°	6714	6709	6718
10°	6731	6729	6731
15°	6739	6748	6737
20°	6705	6759	6700
25°	6627	6735	6622
30°	6529	6657	6519
35°	6416	6543	6416
40°	6295	6406	6295
45°	6129	6250	6139
50°	5919	6036	5943
55°	5645	5756	5645
60°	5264	5397	5230
65°	4724	4890	4663
70°	4041	4184	3922
75°	3206	3297	3040
80°	2298	2384	2189
85°	1516	1567	1422



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	217.1	3.5
10°-20°	627.2	10.2
20°-30°	951.5	15.5
30°-40°	1136.4	18.5
40°-50°	1155.7	18.8
50°-60°	999.6	16.3
60°-70°	687.9	11.2
70°-80°	312.2	5.1
80°-90°	60.4	1.0
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°	1795.8	29.2
0°-40°	2932.2	47.7
0°-60°	5087.5	82.8
0°-90°	6148.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6148.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2288	2288	2288	2288	2288	
5°	2283	2280	2281	2281	2284	217
15°	2222	2223	2224	2221	2221	627
25°	2050	2068	2083	2064	2048	944
35°	1794	1826	1829	1823	1794	1122
45°	1479	1506	1508	1507	1481	1141
55°	1105	1124	1127	1125	1105	987
65°	681	700	705	700	673	676
75°	283	294	291	288	268	305
85°	45	48	47	45	42	59
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2288.5	2288.5	2288.5	2288.5	2288.5
2.5°	2288.5	2285.6	2286.2	2287.1	2291.4
5°	2282.8	2280.5	2281.1	2281.1	2284.2
7.5°	2273.2	2272.6	2272.6	2271.7	2274.0
10°	2262.4	2260.9	2261.5	2260.9	2262.4
12.5°	2245.6	2245.6	2246.2	2244.2	2245.6
15°	2221.5	2222.9	2224.4	2220.9	2220.9
17.5°	2190.9	2194.6	2198.2	2191.7	2188.0
20°	2150.3	2159.0	2167.6	2157.4	2148.8
22.5°	2102.9	2117.4	2130.7	2114.5	2102.9
25°	2049.8	2068.0	2083.3	2064.3	2048.4
27.5°	1992.2	2012.6	2027.1	2011.2	1989.4
30°	1929.7	1954.4	1967.5	1952.2	1926.7
32.5°	1862.8	1891.8	1899.7	1890.3	1861.1
35°	1793.6	1825.6	1829.3	1822.7	1793.6
37.5°	1721.5	1752.1	1755.0	1751.3	1721.5
40°	1645.7	1674.1	1674.9	1674.9	1645.7
42.5°	1565.1	1592.6	1592.6	1591.8	1567.1
45°	1479.1	1506.1	1508.3	1506.7	1481.4
47.5°	1394.0	1414.4	1417.9	1415.0	1392.5
50°	1298.6	1319.6	1324.1	1321.1	1303.7
52.5°	1203.9	1223.7	1228.0	1225.7	1206.1
55°	1105.0	1123.8	1126.7	1124.6	1105.0
57.5°	1009.7	1021.9	1024.8	1020.5	995.8
60°	898.2	915.8	920.9	915.8	892.5
62.5°	790.6	809.4	813.9	806.5	781.8
65°	681.4	700.1	705.3	699.5	672.6
67.5°	578.0	591.7	596.2	589.7	564.8
70°	471.7	489.2	488.4	479.6	457.8
72.5°	366.9	390.8	386.5	381.4	357.3
75°	283.2	294.0	291.2	288.3	268.5
77.5°	202.3	215.4	208.3	208.9	192.1
80°	136.2	148.4	141.3	138.2	129.7
82.5°	86.6	91.7	90.2	88.8	80.9
85°	45.1	48.0	46.6	45.1	42.3
87.5°	17.6	19.0	17.6	17.6	15.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)