

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: P738280

Luminaire Tested: **22PT-60-PC3-L835**

Issue Date: 2/8/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P738280  
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-L835  
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PARAMID LENS

Light Source: -  
Ballast/Driver: -

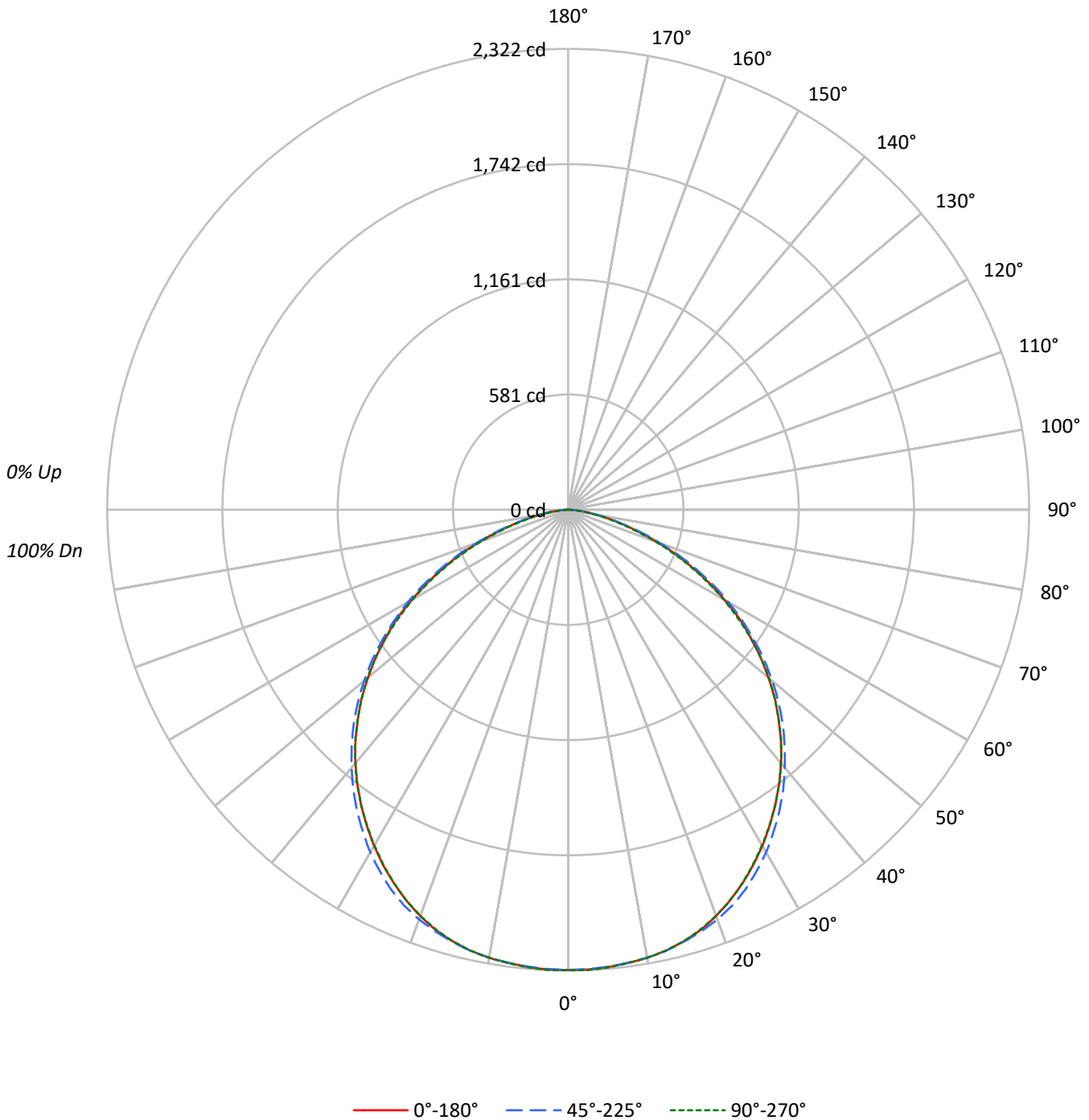
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6230.0 lumens  
Efficiency: N/A  
Efficacy: 120.3 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

TEST NUMBER: P738280  
CATALOG NUMBER: 22PT-60-PC3-L835

### Luminous Intensity Polar Plot





TEST NUMBER: P738280

CATALOG NUMBER: 22PT-60-PC3-L835

**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°	6795	6795	6795
5°	6804	6799	6808
10°	6821	6818	6821
15°	6829	6837	6827
20°	6794	6849	6790
25°	6715	6825	6711
30°	6616	6746	6606
35°	6501	6631	6501
40°	6379	6492	6379
45°	6211	6333	6220
50°	5998	6116	6022
55°	5720	5832	5720
60°	5334	5469	5300
65°	4787	4955	4726
70°	4095	4240	3974
75°	3249	3340	3080
80°	2329	2416	2217
85°	1536	1587	1439



TEST NUMBER: P738280

CATALOG NUMBER: 22PT-60-PC3-L835

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	220.0	3.5
10°-20°	635.5	10.2
20°-30°	964.2	15.5
30°-40°	1151.5	18.5
40°-50°	1171.1	18.8
50°-60°	1013.0	16.3
60°-70°	697.0	11.2
70°-80°	316.3	5.1
80°-90°	61.2	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°	1819.8	29.2
0°-40°	2971.3	47.7
0°-60°	5155.4	82.8
0°-90°	6230.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6230.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2319	2319	2319	2319	2319	
5°	2313	2311	2312	2312	2315	220
15°	2251	2253	2254	2250	2250	635
25°	2077	2096	2111	2092	2076	957
35°	1818	1850	1854	1847	1818	1137
45°	1499	1526	1528	1527	1501	1156
55°	1120	1139	1142	1140	1120	1000
65°	690	710	715	709	682	685
75°	287	298	295	292	272	309
85°	46	49	47	46	43	60
90°	0	0	0	0	0	



TEST NUMBER: P738280

CATALOG NUMBER: 22PT-60-PC3-L835

**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2319.0	2319.0	2319.0	2319.0	2319.0
2.5°	2319.0	2316.1	2316.7	2317.6	2321.9
5°	2313.2	2310.9	2311.6	2311.6	2314.7
7.5°	2303.5	2302.9	2302.9	2302.0	2304.3
10°	2292.5	2291.1	2291.7	2291.1	2292.5
12.5°	2275.6	2275.6	2276.2	2274.1	2275.6
15°	2251.1	2252.6	2254.0	2250.5	2250.5
17.5°	2220.1	2223.8	2227.6	2220.9	2217.2
20°	2178.9	2187.8	2196.5	2186.2	2177.5
22.5°	2130.9	2145.6	2159.1	2142.7	2130.9
25°	2077.1	2095.6	2111.1	2091.8	2075.7
27.5°	2018.8	2039.5	2054.2	2038.0	2015.9
30°	1955.5	1980.5	1993.8	1978.2	1952.4
32.5°	1887.6	1917.0	1925.1	1915.5	1886.0
35°	1817.5	1850.0	1853.7	1847.1	1817.5
37.5°	1744.4	1775.5	1778.4	1774.6	1744.4
40°	1667.7	1696.4	1697.3	1697.3	1667.7
42.5°	1585.9	1613.9	1613.9	1613.0	1588.0
45°	1498.8	1526.1	1528.4	1526.8	1501.1
47.5°	1412.6	1433.2	1436.8	1433.9	1411.1
50°	1315.9	1337.2	1341.8	1338.7	1321.1
52.5°	1219.9	1240.0	1244.3	1242.1	1222.2
55°	1119.8	1138.8	1141.7	1139.6	1119.8
57.5°	1023.2	1035.6	1038.5	1034.1	1009.1
60°	910.2	928.0	933.2	928.0	904.4
62.5°	801.1	820.2	824.7	817.3	792.2
65°	690.4	709.5	714.7	708.9	681.6
67.5°	585.8	599.6	604.2	597.5	572.3
70°	478.0	495.7	494.9	486.0	463.9
72.5°	371.8	396.0	391.7	386.5	362.1
75°	287.0	297.9	295.0	292.2	272.1
77.5°	205.0	218.3	211.0	211.7	194.7
80°	138.0	150.4	143.2	140.1	131.4
82.5°	87.7	92.9	91.5	90.0	81.9
85°	45.7	48.6	47.2	45.7	42.8
87.5°	17.8	19.2	17.8	17.8	16.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)