

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: P738278

Luminaire Tested: **22PT-60-PB1-L950**

Issue Date: 2/8/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P738278  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2212-851-6)  
Test Lab: COOPER LIGHTING SOLUTIONS  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 22PT-60-PB1-L950  
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 5000K, 90 CRI LEDS AND BEVEL LENS

Light Source: -  
Ballast/Driver: -

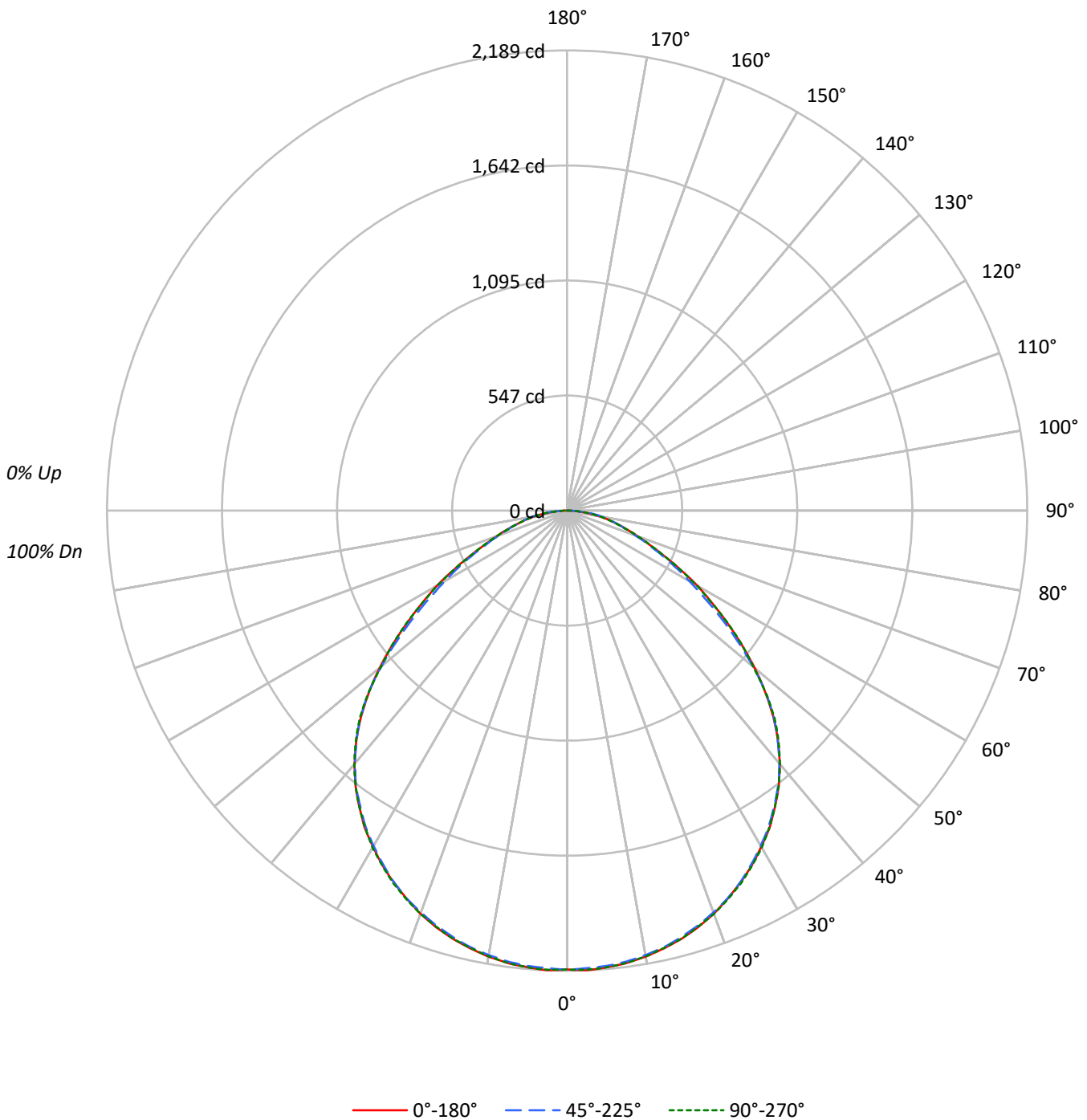
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5505.0 lumens  
Efficiency: N/A  
Efficacy: 106.3 lumens/watt  
Spacing Criteria (0/90/45): 1.26 / 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

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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	98	107	103	99	96	99	96	93	95	92	90	91	89	88	86
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73
3	92	82	74	68	90	81	73	68	78	72	67	75	70	65	72	68	64	62
4	85	73	65	59	82	72	64	58	69	63	57	67	61	57	65	60	56	54
5	78	66	57	51	76	65	57	51	63	55	50	61	54	50	59	53	49	47
6	72	59	51	45	70	59	50	44	57	50	44	55	49	44	54	48	43	41
7	67	54	46	40	65	53	45	40	52	45	39	50	44	39	49	43	39	37
8	63	49	41	36	61	49	41	35	47	40	35	46	40	35	45	39	35	33
9	58	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	30
10	55	42	34	29	54	41	34	29	40	34	29	40	33	29	39	33	29	27

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

	0°	45°	90°
0°	6398	6398	6398
5°	6414	6393	6414
10°	6409	6388	6406
15°	6394	6370	6392
20°	6363	6343	6365
25°	6310	6304	6324
30°	6246	6231	6264
35°	6162	6140	6162
40°	6019	6006	6026
45°	5749	5759	5781
50°	5308	5264	5272
55°	4743	4584	4761
60°	4187	3932	4161
65°	3507	3397	3507
70°	3041	2958	3057
75°	2774	2813	2774
80°	2605	2830	2620
85°	2269	2774	2326



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	207.0	3.8
10°-20°	593.7	10.8
20°-30°	899.0	16.3
30°-40°	1075.3	19.5
40°-50°	1064.6	19.3
50°-60°	818.6	14.9
60°-70°	498.5	9.1
70°-80°	263.8	4.8
80°-90°	84.5	1.5
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°	1699.8	30.9
0°-40°	2775.0	50.4
0°-60°	4658.2	84.6
0°-90°	5505.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5505.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2183	2183	2183	2183	2183	
5°	2181	2180	2174	2177	2181	207
15°	2108	2104	2100	2104	2107	595
25°	1952	1950	1950	1953	1956	899
35°	1723	1721	1716	1722	1723	1077
45°	1387	1388	1390	1391	1395	1064
55°	928	916	897	913	932	833
65°	506	494	490	489	506	511
75°	245	245	248	247	245	263
85°	68	77	82	78	69	77
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2183.4	2183.4	2183.4	2183.4	2183.4
2.5°	2188.7	2185.2	2179.0	2183.4	2186.1
5°	2180.7	2179.9	2173.6	2177.2	2180.7
7.5°	2171.0	2168.3	2163.9	2167.4	2170.1
10°	2154.1	2152.3	2147.0	2151.5	2153.2
12.5°	2132.8	2131.0	2127.5	2131.0	2130.2
15°	2108.0	2104.4	2100.0	2104.4	2107.1
17.5°	2076.9	2073.3	2069.8	2072.5	2074.2
20°	2040.5	2035.2	2034.3	2037.8	2041.4
22.5°	1997.0	1997.0	1996.1	1998.8	2000.6
25°	1951.8	1950.0	1950.0	1952.6	1956.2
27.5°	1902.9	1899.4	1897.6	1902.0	1904.7
30°	1846.1	1845.2	1841.7	1848.8	1851.5
32.5°	1791.1	1782.2	1784.0	1787.6	1788.4
35°	1722.8	1721.0	1716.5	1721.9	1722.8
37.5°	1653.5	1652.6	1650.0	1651.8	1652.6
40°	1573.6	1572.8	1570.1	1573.6	1575.4
42.5°	1484.9	1483.1	1483.1	1485.8	1488.4
45°	1387.3	1388.1	1389.9	1390.8	1395.2
47.5°	1278.1	1279.9	1281.6	1279.9	1280.8
50°	1164.5	1163.6	1154.7	1160.9	1156.5
52.5°	1044.7	1031.3	1024.2	1038.4	1048.2
55°	928.4	916.0	897.3	913.3	931.9
57.5°	816.6	795.3	775.7	794.4	813.0
60°	714.5	681.6	671.0	682.5	710.1
62.5°	605.3	582.2	578.7	580.5	604.4
65°	505.9	493.5	489.9	489.0	505.9
67.5°	424.3	416.3	411.8	415.4	426.0
70°	355.0	351.5	345.3	351.5	356.8
72.5°	298.2	297.3	292.0	297.3	295.6
75°	245.0	245.0	248.5	246.7	245.0
77.5°	199.7	201.5	207.7	202.4	197.0
80°	154.4	158.9	167.7	159.8	155.3
82.5°	110.1	119.8	129.6	119.8	113.6
85°	67.5	77.2	82.5	78.1	69.2
87.5°	29.3	34.6	36.4	33.7	29.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)