

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: P738110

Luminaire Tested: **22PT-25-PP3-L950**

Issue Date: 2/8/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P738110  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P412714)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 22PT-25-PP3-L950  
Description: 2500 LUMEN 2X2 PERCEIVE PT TROFFER WITH 5000K, 90 CRI LEDS AND PRISM LENS

Light Source: -  
Ballast/Driver: -

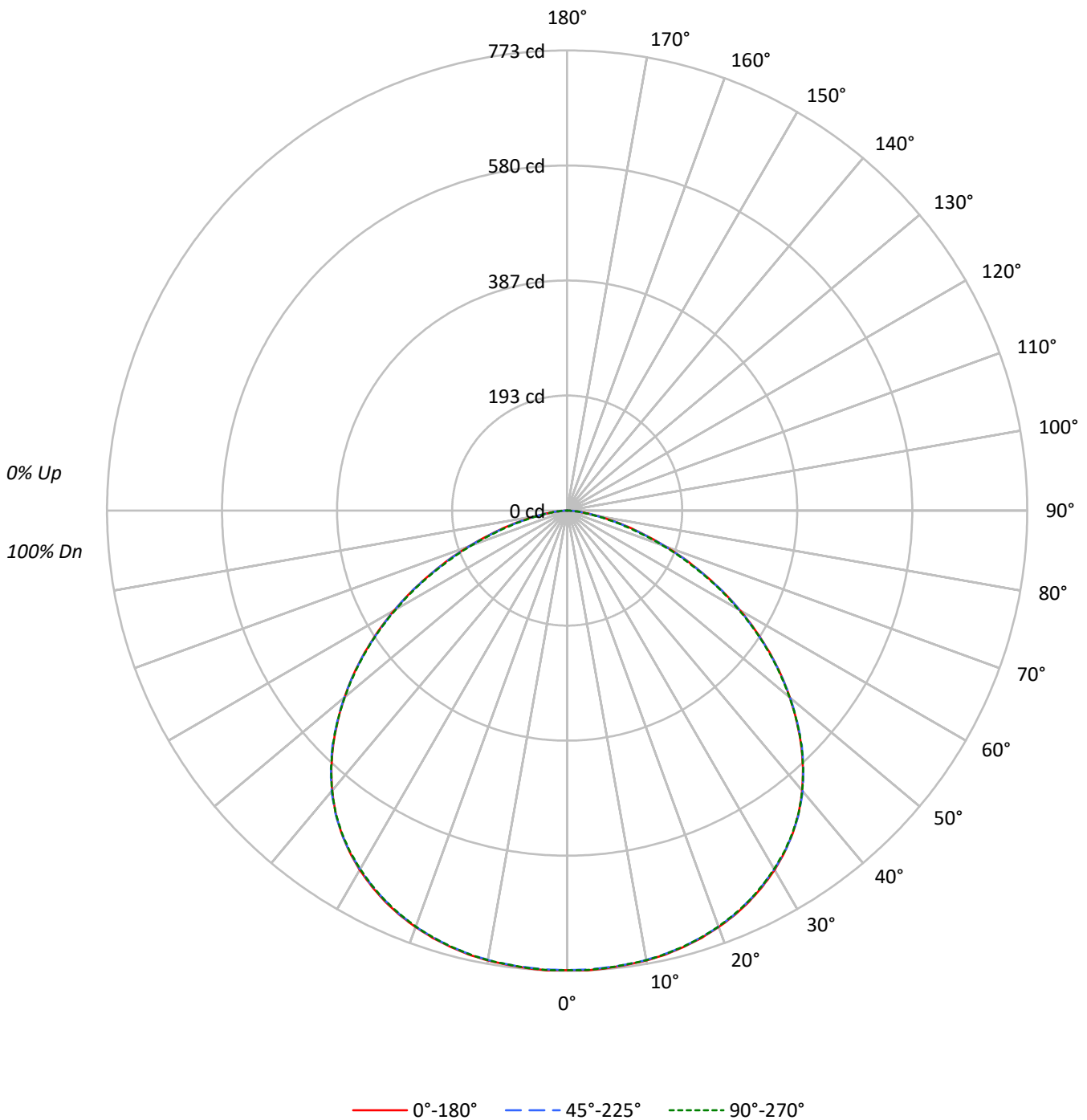
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2215.0 lumens  
Efficiency: N/A  
Efficacy: 119.1 lumens/watt  
Spacing Criteria (0/90/45): 1.33 / 1.33 / 1.43  
Luminous Opening: Rectangular (W 1.92' x L: 1.92' x H: 0')  
CIE Type: Direct

Input Watts (W): 18.6  
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: P738110  
CATALOG NUMBER: 22PT-25-PP3-L950

### 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	85	80	97	90	84	79	87	81	77	83	79	75	80	77	74	72
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61
4	84	72	63	57	81	70	62	56	68	61	55	66	60	55	64	58	54	52
5	77	64	55	49	75	63	55	49	61	54	48	59	53	47	57	51	47	45
6	71	58	49	43	69	57	48	42	55	48	42	53	47	42	52	46	41	39
7	66	52	44	38	64	52	43	37	50	43	37	49	42	37	47	41	37	35
8	61	48	39	33	60	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

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

	0°	45°	90°
0°	2262	2262	2262
5°	2269	2266	2268
10°	2283	2280	2282
15°	2301	2299	2299
20°	2321	2319	2318
25°	2342	2338	2338
30°	2358	2354	2353
35°	2365	2365	2362
40°	2350	2355	2350
45°	2303	2309	2306
50°	2226	2229	2223
55°	2118	2113	2109
60°	1967	1963	1947
65°	1757	1755	1735
70°	1502	1492	1460
75°	1197	1162	1126
80°	852	835	791
85°	555	555	538



TEST NUMBER: P738110

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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	73.4	3.3
10°-20°	214.2	9.7
20°-30°	333.5	15.1
30°-40°	412.7	18.6
40°-50°	428.0	19.3
50°-60°	368.9	16.7
60°-70°	250.8	11.3
70°-80°	112.2	5.1
80°-90°	21.4	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°	621.0	28.0
0°-40°	1033.8	46.7
0°-60°	1830.6	82.6
0°-90°	2215.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2215.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	772	772	772	772	772	
5°	772	770	770	770	771	74
15°	759	757	758	757	758	214
25°	724	723	723	723	723	334
35°	661	660	661	660	660	413
45°	556	555	557	556	556	428
55°	415	413	414	413	413	370
65°	253	256	253	252	250	252
75°	106	106	103	102	100	114
85°	16	17	16	16	16	22
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	772.0	772.0	772.0	772.0	772.0
2.5°	773.1	771.5	771.5	771.8	772.6
5°	771.5	770.0	770.5	770.2	771.0
7.5°	769.5	768.2	769.0	768.4	769.0
10°	767.4	766.1	766.4	766.1	766.9
12.5°	763.8	762.2	762.7	762.7	763.0
15°	758.6	757.3	757.8	757.3	757.8
17.5°	752.4	750.9	751.2	750.9	751.4
20°	744.5	743.4	743.7	743.2	743.4
22.5°	735.4	734.1	734.4	733.9	733.9
25°	724.4	723.3	723.1	722.8	723.1
27.5°	711.4	710.2	710.2	709.9	709.9
30°	697.0	695.7	695.7	695.4	695.4
32.5°	680.0	679.5	679.8	679.3	679.0
35°	661.2	660.4	661.2	660.2	660.4
37.5°	639.3	638.3	639.8	638.8	639.0
40°	614.3	613.8	615.6	614.8	614.3
42.5°	586.4	586.4	587.2	587.4	586.9
45°	555.8	555.3	557.3	556.0	556.5
47.5°	522.7	522.0	523.5	523.2	523.0
50°	488.3	487.7	489.0	487.7	487.7
52.5°	452.4	452.1	452.4	451.1	450.8
55°	414.7	413.2	413.7	412.9	412.9
57.5°	375.6	373.7	374.0	373.7	374.0
60°	335.7	335.1	334.9	333.6	332.3
62.5°	294.7	295.2	294.9	293.1	291.8
65°	253.4	255.5	253.2	252.4	250.3
67.5°	214.5	215.2	213.7	211.9	209.6
70°	175.3	176.8	174.2	172.4	170.4
72.5°	137.9	138.9	136.6	135.6	133.0
75°	105.7	106.0	102.6	102.1	99.5
77.5°	75.3	76.3	73.7	73.7	71.1
80°	50.5	52.3	49.5	48.7	46.9
82.5°	31.7	32.0	31.2	30.4	29.6
85°	16.5	17.0	16.5	16.0	16.0
87.5°	6.2	6.4	6.2	5.9	6.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)