

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: P738301

Luminaire Tested: **22PT-60-PP3-L940**

Issue Date: 2/8/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P738301  
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-60-PP3-L940  
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 4000K, 90 CRI LEDS AND PRISM LENS

Light Source: -  
Ballast/Driver: -

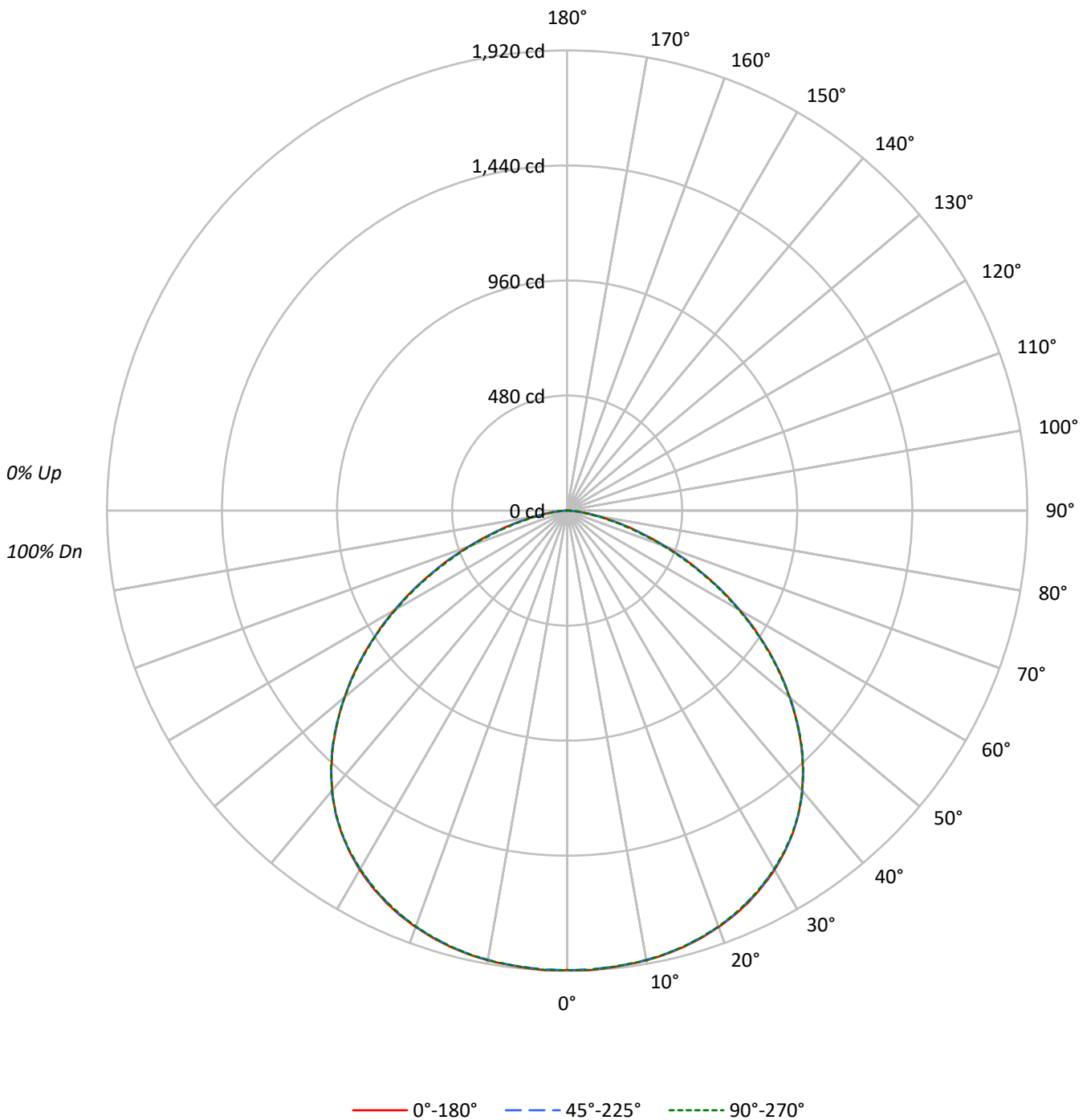
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5501.0 lumens  
Efficiency: N/A  
Efficacy: 106.2 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): 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	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°	5618	5618	5618
5°	5635	5628	5632
10°	5670	5663	5666
15°	5715	5709	5709
20°	5765	5759	5757
25°	5816	5805	5805
30°	5857	5846	5844
35°	5874	5874	5867
40°	5835	5848	5835
45°	5720	5735	5727
50°	5527	5536	5521
55°	5262	5249	5239
60°	4885	4873	4836
65°	4363	4359	4310
70°	3730	3707	3626
75°	2972	2885	2796
80°	2118	2075	1966
85°	1375	1375	1335



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	182.3	3.3
10°-20°	531.9	9.7
20°-30°	828.2	15.1
30°-40°	1025.0	18.6
40°-50°	1062.9	19.3
50°-60°	916.1	16.7
60°-70°	622.8	11.3
70°-80°	278.7	5.1
80°-90°	53.1	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°	1542.4	28.0
0°-40°	2567.4	46.7
0°-60°	4546.4	82.6
0°-90°	5501.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5501.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1917	1917	1917	1917	1917	
5°	1916	1912	1914	1913	1915	183
15°	1884	1881	1882	1881	1882	533
25°	1799	1796	1796	1795	1796	829
35°	1642	1640	1642	1640	1640	1026
45°	1380	1379	1384	1381	1382	1062
55°	1030	1026	1028	1026	1026	918
65°	629	634	629	627	622	625
75°	262	263	255	254	247	282
85°	41	42	41	40	40	54
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1917.3	1917.3	1917.3	1917.3	1917.3
2.5°	1920.0	1916.0	1916.0	1916.7	1918.7
5°	1916.0	1912.3	1913.5	1912.8	1914.8
7.5°	1911.0	1907.8	1909.7	1908.3	1909.7
10°	1905.8	1902.6	1903.3	1902.6	1904.5
12.5°	1896.8	1893.0	1894.3	1894.3	1895.0
15°	1884.1	1880.8	1882.1	1880.8	1882.1
17.5°	1868.6	1864.9	1865.6	1864.9	1866.1
20°	1848.9	1846.4	1846.9	1845.7	1846.4
22.5°	1826.4	1823.2	1823.9	1822.7	1822.7
25°	1799.0	1796.3	1795.7	1795.0	1795.7
27.5°	1766.8	1763.8	1763.8	1763.1	1763.1
30°	1731.1	1727.9	1727.9	1727.2	1727.2
32.5°	1688.7	1687.5	1688.2	1686.9	1686.2
35°	1642.1	1640.1	1642.1	1639.5	1640.1
37.5°	1587.7	1585.1	1588.9	1586.4	1586.9
40°	1525.5	1524.3	1528.8	1526.8	1525.5
42.5°	1456.4	1456.4	1458.4	1458.9	1457.7
45°	1380.3	1379.0	1384.1	1380.8	1382.1
47.5°	1298.2	1296.4	1300.2	1299.5	1299.0
50°	1212.6	1211.2	1214.4	1211.2	1211.2
52.5°	1123.5	1122.8	1123.5	1120.3	1119.6
55°	1030.0	1026.2	1027.5	1025.5	1025.5
57.5°	932.7	928.2	928.9	928.2	928.9
60°	833.6	832.2	831.6	828.4	825.2
62.5°	731.8	733.1	732.3	727.8	724.6
65°	629.3	634.5	628.7	626.8	621.6
67.5°	532.7	534.5	530.7	526.2	520.5
70°	435.4	439.2	432.7	428.2	423.2
72.5°	342.6	345.1	339.3	336.8	330.3
75°	262.5	263.2	254.8	253.5	247.0
77.5°	186.9	189.4	183.1	183.1	176.7
80°	125.5	130.0	123.0	121.0	116.5
82.5°	78.8	79.4	77.4	75.6	73.6
85°	40.9	42.2	40.9	39.7	39.7
87.5°	15.4	16.0	15.4	14.7	15.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)