

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: P738316

Luminaire Tested: **22PT-60-PW1-L935**

Issue Date: 2/8/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P738316  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P506233)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 22PT-60-PW1-L935  
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND WAVES LENS  
  
Light Source: -  
Ballast/Driver: -

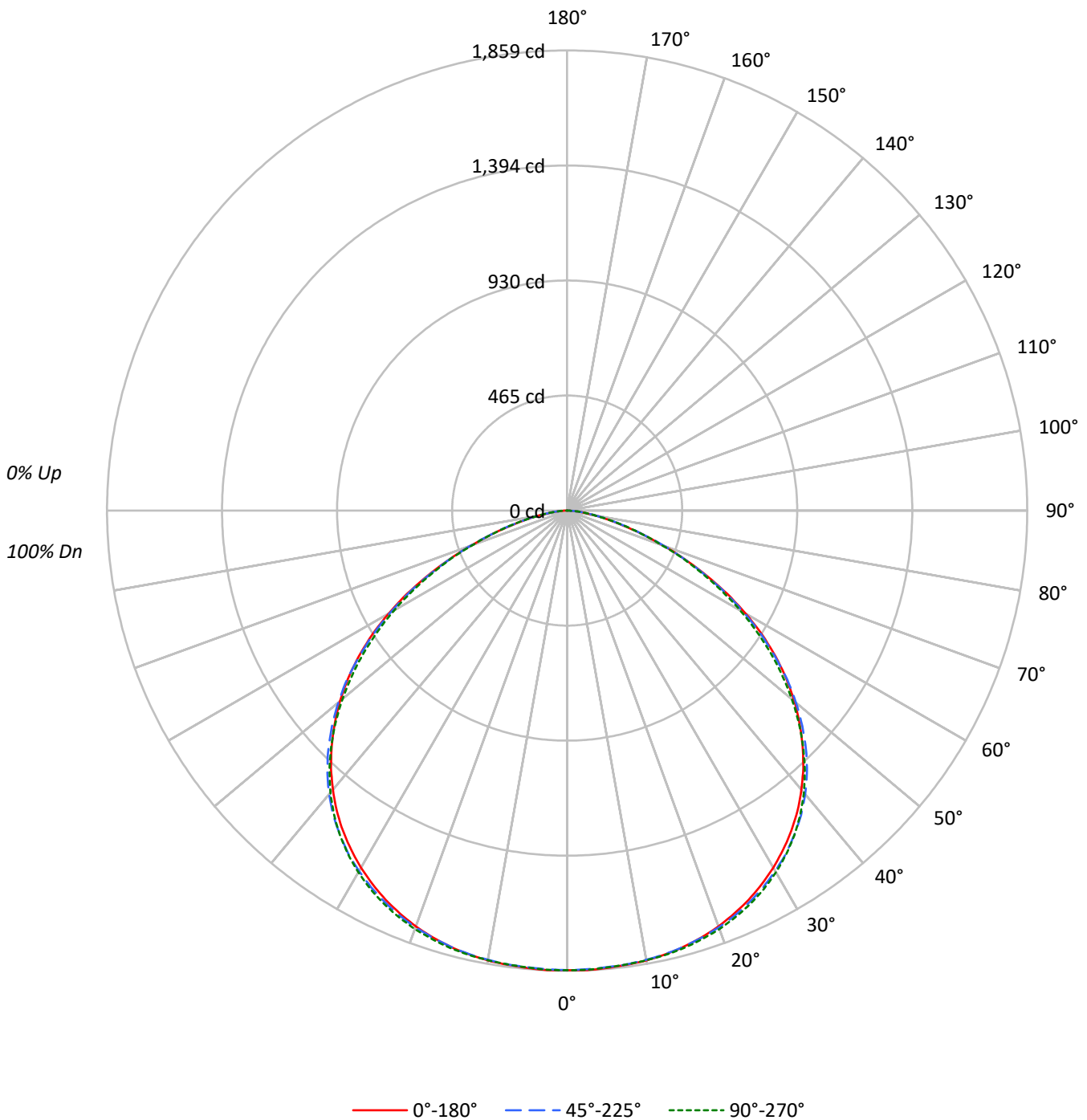
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5367.0 lumens  
Efficiency: N/A  
Efficacy: 103.6 lumens/watt  
Spacing Criteria (0/90/45): 1.33 / 1.34 / 1.44  
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	99	96	93	95	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	87	82	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	83	72	63	57	81	70	62	56	68	61	55	66	60	55	63	58	54	52
5	77	64	55	49	75	63	55	48	61	54	48	59	52	47	57	51	47	45
6	71	58	49	42	69	57	48	42	55	47	42	53	47	42	52	46	41	39
7	66	52	44	37	64	51	43	37	50	42	37	48	42	37	47	41	37	35
8	61	48	39	33	59	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	35	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°	5440	5440	5440
5°	5455	5447	5449
10°	5491	5483	5488
15°	5533	5532	5548
20°	5574	5586	5609
25°	5608	5640	5666
30°	5636	5689	5709
35°	5649	5722	5725
40°	5632	5723	5691
45°	5577	5656	5587
50°	5463	5502	5402
55°	5251	5227	5129
60°	4888	4833	4732
65°	4310	4269	4187
70°	3530	3548	3473
75°	2674	2765	2742
80°	1939	2015	1983
85°	1271	1318	1405



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	176.5	3.3
10°-20°	515.6	9.6
20°-30°	803.9	15.0
30°-40°	996.4	18.6
40°-50°	1042.6	19.4
50°-60°	908.6	16.9
60°-70°	608.6	11.3
70°-80°	263.8	4.9
80°-90°	50.8	0.9
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°	1496.1	27.9
0°-40°	2492.5	46.4
0°-60°	4443.7	82.8
0°-90°	5367.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5367.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1857	1857	1857	1857	1857	
5°	1855	1853	1852	1851	1853	177
15°	1824	1821	1824	1826	1829	515
25°	1735	1735	1744	1750	1752	800
35°	1579	1585	1600	1602	1601	987
45°	1346	1353	1365	1354	1348	1036
55°	1028	1027	1023	1012	1004	915
65°	622	618	616	610	604	615
75°	236	240	244	242	242	260
85°	38	40	39	40	42	49
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1856.7	1856.7	1856.7	1856.7	1856.7
2.5°	1858.7	1855.3	1854.6	1854.6	1856.7
5°	1854.6	1852.7	1852.0	1851.4	1852.7
7.5°	1850.7	1848.1	1848.8	1847.4	1848.8
10°	1845.4	1842.8	1842.8	1842.8	1844.7
12.5°	1836.1	1834.1	1834.8	1836.1	1838.7
15°	1824.1	1821.4	1823.6	1825.5	1828.8
17.5°	1807.5	1805.6	1808.9	1812.3	1814.9
20°	1787.7	1785.6	1791.6	1796.4	1799.0
22.5°	1763.0	1762.5	1770.5	1775.7	1777.7
25°	1734.6	1735.2	1744.5	1749.8	1752.5
27.5°	1702.0	1703.4	1715.4	1720.0	1722.6
30°	1665.7	1668.8	1681.5	1685.4	1687.5
32.5°	1624.4	1629.1	1644.3	1647.0	1647.0
35°	1579.4	1585.2	1599.8	1601.8	1600.6
37.5°	1528.9	1535.4	1552.0	1549.4	1547.4
40°	1472.5	1479.7	1496.3	1491.0	1487.8
42.5°	1412.1	1419.4	1434.0	1426.1	1421.3
45°	1345.8	1353.0	1365.0	1353.7	1348.4
47.5°	1274.0	1282.6	1288.6	1276.1	1269.4
50°	1198.5	1201.1	1207.1	1192.5	1185.1
52.5°	1116.1	1116.1	1120.8	1104.8	1096.1
55°	1027.9	1027.2	1023.3	1012.0	1004.0
57.5°	934.4	930.3	927.7	915.7	906.5
60°	834.1	828.2	824.8	814.9	807.5
62.5°	729.4	726.0	721.9	714.0	706.1
65°	621.7	618.4	615.7	609.9	603.9
67.5°	515.0	512.9	512.9	509.0	508.3
70°	412.1	413.4	414.1	414.1	405.4
72.5°	319.2	319.9	323.2	320.6	319.9
75°	236.2	240.3	244.2	242.2	242.2
77.5°	169.9	175.9	175.9	174.5	172.5
80°	114.9	117.5	119.4	118.7	117.5
82.5°	73.0	75.0	73.0	74.3	75.0
85°	37.8	40.4	39.2	39.9	41.8
87.5°	12.5	13.9	14.6	13.9	13.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)