

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: P738364

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

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P738364
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2210-816-12)
Test Lab: COOPER LIGHTING SOLUTIONS
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: -

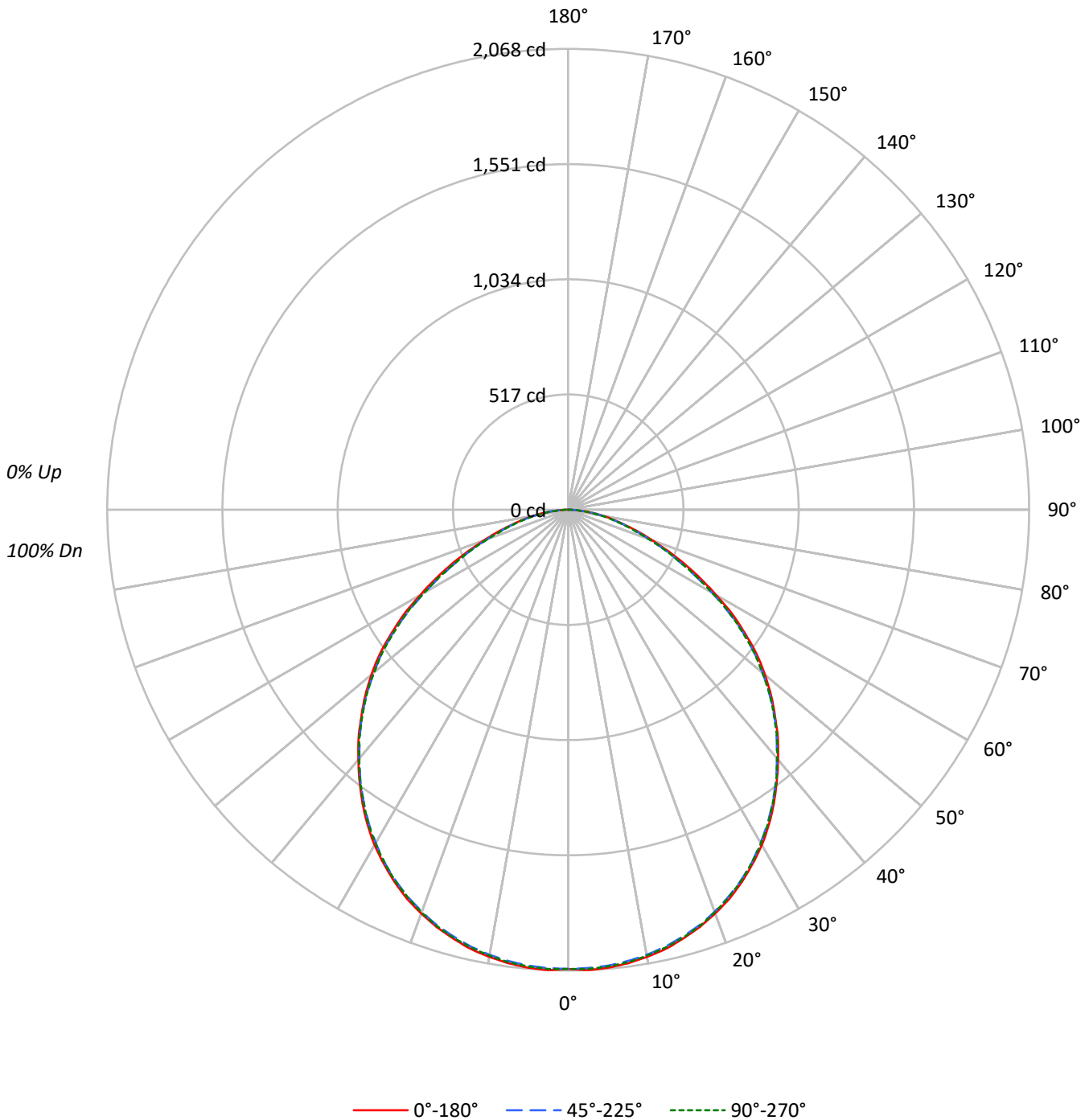
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5367.0 lumens
Efficiency: N/A
Efficacy: 103.6 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.24 / 1.34
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_{in}): 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	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74	72
3	92	81	74	67	89	80	73	67	77	71	66	74	69	64	72	67	63	61
4	84	72	64	57	82	71	63	57	69	62	56	66	60	56	64	59	55	53
5	77	65	56	50	75	64	56	49	62	54	49	60	53	48	58	52	48	46
6	72	59	50	44	70	58	49	43	56	48	43	54	48	43	53	47	42	40
7	66	53	45	39	65	52	44	38	51	44	38	49	43	38	48	42	38	36
8	62	49	40	35	60	48	40	34	47	39	34	45	39	34	44	38	34	32
9	58	45	37	31	56	44	36	31	43	36	31	42	35	31	41	35	31	29
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	6038	6038	6038
5°	6068	6041	6053
10°	6064	6034	6046
15°	6044	6017	6032
20°	6012	5987	5996
25°	5958	5932	5939
30°	5880	5842	5850
35°	5754	5723	5727
40°	5601	5572	5577
45°	5439	5420	5412
50°	5251	5192	5179
55°	4947	4882	4855
60°	4491	4361	4371
65°	3993	3807	3807
70°	3423	3297	3273
75°	2969	2903	2837
80°	2671	2563	2514
85°	2121	2142	2024



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	195.4	3.6
10°-20°	560.4	10.4
20°-30°	845.4	15.8
30°-40°	1001.3	18.7
40°-50°	1008.0	18.8
50°-60°	852.3	15.9
60°-70°	554.2	10.3
70°-80°	275.8	5.1
80°-90°	74.3	1.4
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°	1601.2	29.8
0°-40°	2602.5	48.5
0°-60°	4462.7	83.2
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°	2061	2061	2061	2061	2061	
5°	2063	2056	2054	2053	2058	196
15°	1992	1986	1984	1983	1988	562
25°	1843	1836	1835	1833	1837	849
35°	1609	1602	1600	1600	1601	1005
45°	1313	1308	1308	1306	1306	1013
55°	968	960	956	952	950	864
65°	576	560	549	545	549	572
75°	262	262	256	249	251	284
85°	63	64	64	64	60	76
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2060.8	2060.8	2060.8	2060.8	2060.8
2.5°	2067.9	2060.8	2058.5	2057.3	2062.6
5°	2063.2	2055.6	2053.8	2052.7	2057.9
7.5°	2052.7	2045.7	2043.3	2042.7	2048.0
10°	2038.1	2031.1	2028.1	2027.0	2032.2
12.5°	2019.4	2011.8	2008.9	2007.7	2012.4
15°	1992.5	1986.1	1983.7	1983.2	1988.4
17.5°	1963.3	1956.9	1955.7	1953.9	1959.2
20°	1928.2	1921.8	1920.1	1917.7	1923.0
22.5°	1889.7	1882.1	1879.8	1878.0	1882.1
25°	1843.0	1836.5	1834.8	1833.0	1837.1
27.5°	1791.6	1786.9	1784.5	1782.8	1785.1
30°	1737.8	1729.6	1726.7	1725.5	1729.1
32.5°	1675.9	1670.1	1666.0	1665.4	1669.5
35°	1608.7	1601.7	1600.0	1600.0	1601.1
37.5°	1537.5	1534.0	1531.0	1529.3	1532.8
40°	1464.4	1463.3	1456.8	1456.3	1458.0
42.5°	1392.6	1387.9	1383.2	1385.6	1386.7
45°	1312.6	1307.9	1307.9	1306.1	1306.1
47.5°	1235.5	1230.8	1224.4	1224.9	1226.1
50°	1151.9	1146.1	1139.1	1143.2	1136.2
52.5°	1066.6	1056.1	1050.9	1050.9	1050.3
55°	968.5	960.3	955.7	951.6	950.4
57.5°	873.9	861.6	849.9	851.1	855.2
60°	766.4	760.5	744.2	745.4	745.9
62.5°	669.4	658.3	641.4	641.4	647.2
65°	576.0	560.2	549.1	545.0	549.1
67.5°	484.3	475.5	466.1	459.7	465.6
70°	399.6	394.9	384.9	378.5	382.0
72.5°	330.6	324.2	316.0	312.5	309.0
75°	262.3	262.3	256.4	249.4	250.6
77.5°	206.8	205.0	200.9	198.0	198.0
80°	158.3	156.5	151.9	150.7	149.0
82.5°	109.2	109.8	107.5	105.7	103.4
85°	63.1	64.3	63.7	63.7	60.2
87.5°	26.9	24.5	26.3	25.7	28.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)