

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: P738292

Luminaire Tested: **22PT-60-PL1-L935**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P738292
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2212-851-10)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/8/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 22PT-60-PL1-L935
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND LEAVES LENS

Light Source: -
Ballast/Driver: -

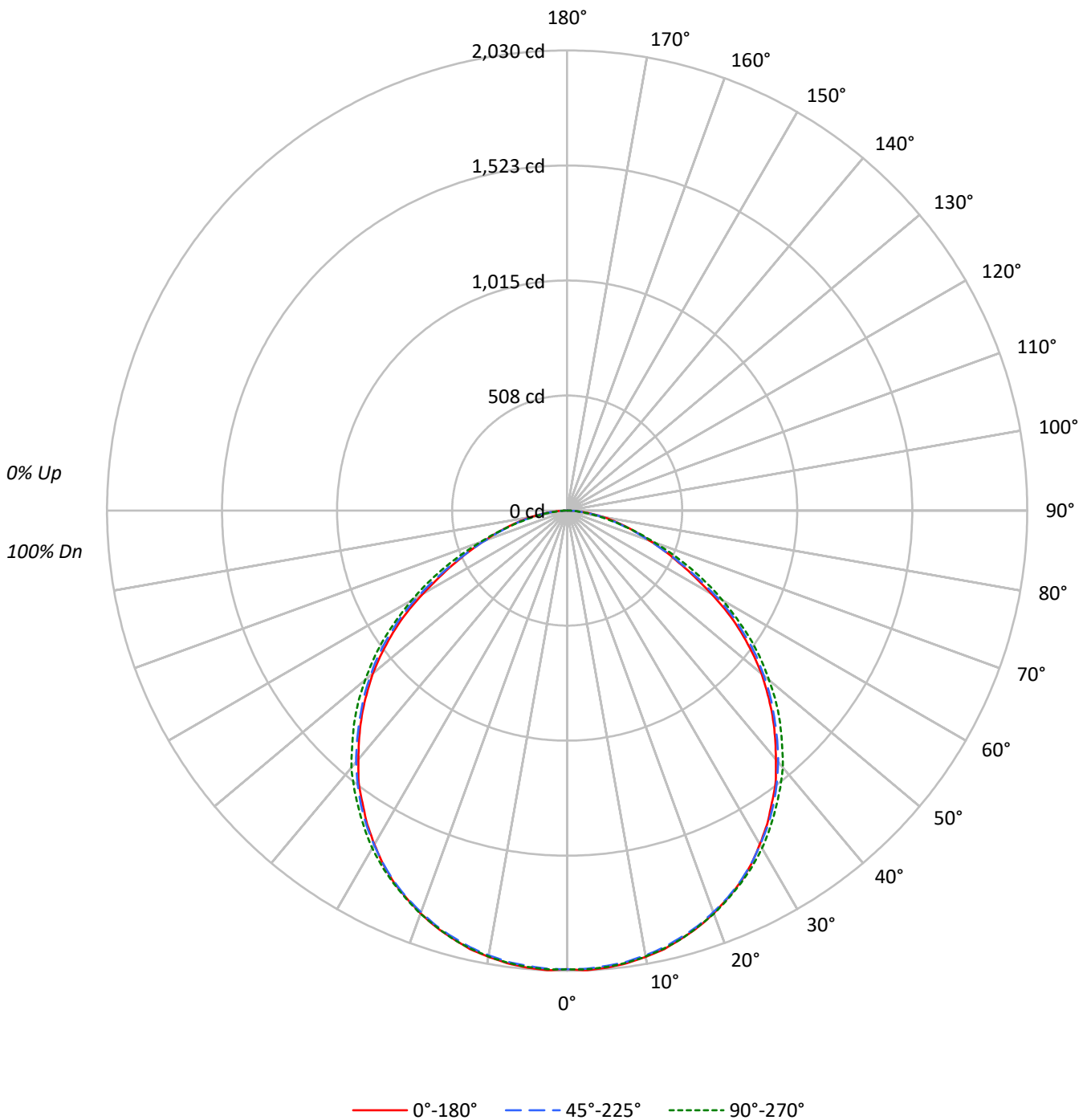
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5332.0 lumens
Efficiency: N/A
Efficacy: 102.9 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 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	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	83	79	76	80	77	74	72
3	91	81	73	67	89	80	72	67	77	71	65	74	69	64	72	67	63	61
4	84	72	64	57	82	71	63	57	68	62	56	66	60	55	64	59	55	52
5	77	65	56	50	75	64	55	49	62	54	49	60	53	48	58	52	48	46
6	71	58	50	43	70	57	49	43	56	48	43	54	47	42	52	47	42	40
7	66	53	44	38	65	52	44	38	51	43	38	49	43	38	48	42	37	35
8	62	48	40	34	60	48	40	34	46	39	34	45	39	34	44	38	34	32
9	58	44	36	31	56	44	36	31	43	36	31	42	35	31	41	35	30	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°	5930	5930	5930
5°	5952	5930	5945
10°	5948	5927	5943
15°	5927	5909	5930
20°	5896	5878	5901
25°	5849	5838	5863
30°	5752	5764	5819
35°	5631	5671	5737
40°	5477	5539	5663
45°	5309	5355	5507
50°	5099	5161	5301
55°	4789	4884	5036
60°	4305	4450	4640
65°	3772	3849	4138
70°	3311	3282	3494
75°	2979	2853	2863
80°	2673	2528	2256
85°	2118	2091	1718



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	191.9	3.6
10°-20°	550.4	10.3
20°-30°	832.4	15.6
30°-40°	992.5	18.6
40°-50°	1002.1	18.8
50°-60°	854.9	16.0
60°-70°	561.8	10.5
70°-80°	275.1	5.2
80°-90°	70.9	1.3
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°	1574.8	29.5
0°-40°	2567.3	48.1
0°-60°	4424.3	83.0
0°-90°	5332.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5332.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2024	2024	2024	2024	2024	
5°	2024	2020	2016	2016	2021	192
15°	1954	1950	1948	1949	1955	552
25°	1809	1805	1806	1808	1814	832
35°	1574	1578	1585	1596	1604	985
45°	1281	1285	1292	1318	1329	987
55°	937	942	956	978	986	834
65°	544	544	555	581	597	544
75°	263	260	252	250	253	282
85°	63	63	62	57	51	76
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2023.7	2023.7	2023.7	2023.7	2023.7
2.5°	2029.7	2025.4	2022.9	2021.2	2025.4
5°	2023.7	2019.5	2016.1	2016.1	2021.2
7.5°	2014.4	2010.1	2007.6	2006.7	2011.8
10°	1999.1	1993.9	1992.2	1991.4	1997.4
12.5°	1981.2	1973.5	1973.5	1972.7	1978.6
15°	1953.9	1950.5	1948.0	1948.8	1954.8
17.5°	1925.8	1922.4	1920.7	1920.7	1924.1
20°	1890.9	1886.7	1885.0	1886.7	1892.6
22.5°	1850.9	1848.4	1848.4	1850.1	1854.3
25°	1809.2	1804.9	1805.8	1808.3	1813.5
27.5°	1758.1	1757.3	1757.3	1763.2	1769.2
30°	1700.2	1700.2	1703.6	1712.1	1719.8
32.5°	1641.5	1640.6	1647.4	1655.1	1663.6
35°	1574.2	1578.5	1585.3	1596.3	1604.0
37.5°	1511.2	1510.4	1518.9	1538.5	1543.6
40°	1432.0	1438.0	1448.2	1467.8	1480.6
42.5°	1358.0	1362.2	1371.6	1394.6	1403.1
45°	1281.3	1284.7	1292.4	1317.9	1329.0
47.5°	1200.5	1204.7	1215.8	1237.1	1249.8
50°	1118.7	1124.7	1132.3	1152.8	1163.0
52.5°	1029.3	1037.0	1050.6	1069.3	1077.0
55°	937.4	942.5	956.1	978.2	985.9
57.5°	841.2	845.4	865.0	881.2	887.1
60°	734.7	739.9	759.4	785.0	791.8
62.5°	634.3	638.5	655.6	686.2	696.4
65°	544.0	544.0	555.1	580.6	596.8
67.5°	464.0	462.3	464.0	483.6	500.6
70°	386.5	387.4	383.1	395.0	407.8
72.5°	322.7	322.7	314.2	315.9	326.1
75°	263.1	260.5	252.0	250.3	252.9
77.5°	210.3	206.0	199.2	194.1	188.2
80°	158.4	155.0	149.8	142.2	133.7
82.5°	110.7	107.3	103.9	99.6	91.1
85°	63.0	63.0	62.2	57.0	51.1
87.5°	25.5	24.7	23.8	23.0	21.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)