

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: P738294

Luminaire Tested: **22PT-60-PL1-L950**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P738294
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-L950
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 5000K, 90 CRI LEDS AND LEAVES LENS

Light Source: -
Ballast/Driver: -

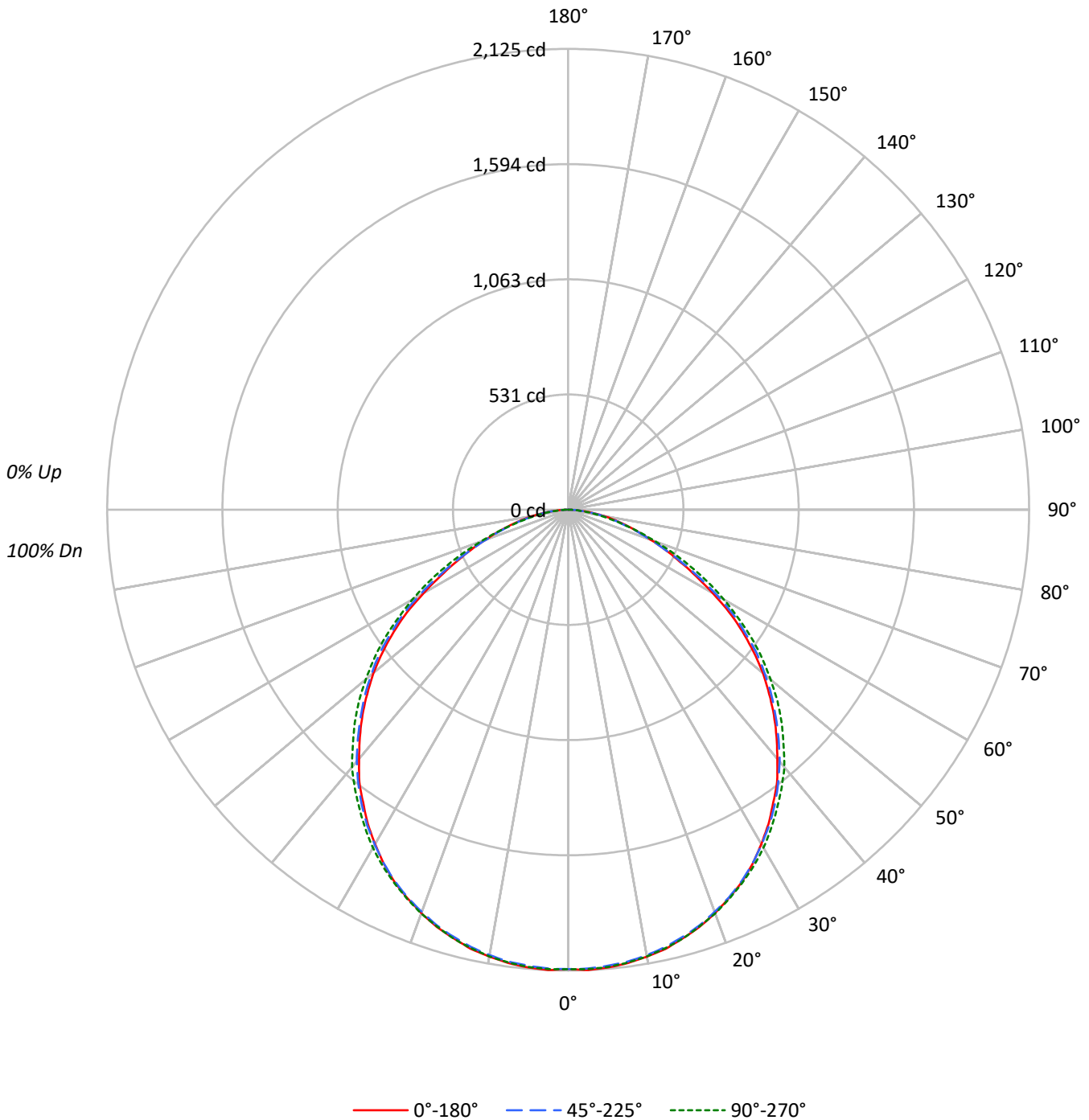
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5582.0 lumens
Efficiency: N/A
Efficacy: 107.8 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

TEST NUMBER: P738294
CATALOG NUMBER: 22PT-60-PL1-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	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°	6208	6208	6208
5°	6231	6208	6224
10°	6227	6206	6221
15°	6205	6186	6208
20°	6173	6153	6178
25°	6123	6112	6138
30°	6022	6034	6091
35°	5895	5936	6006
40°	5734	5799	5929
45°	5558	5606	5765
50°	5339	5403	5550
55°	5013	5113	5272
60°	4508	4659	4857
65°	3948	4029	4332
70°	3467	3436	3657
75°	3118	2986	2997
80°	2798	2647	2361
85°	2219	2189	1799



TEST NUMBER: P738294

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	200.9	3.6
10°-20°	576.2	10.3
20°-30°	871.5	15.6
30°-40°	1039.1	18.6
40°-50°	1049.1	18.8
50°-60°	895.0	16.0
60°-70°	588.1	10.5
70°-80°	288.0	5.2
80°-90°	74.2	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°	1648.6	29.5
0°-40°	2687.7	48.1
0°-60°	4631.7	83.0
0°-90°	5582.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5582.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2119	2119	2119	2119	2119	
5°	2119	2114	2111	2111	2116	201
15°	2046	2042	2039	2040	2046	577
25°	1894	1890	1890	1893	1898	871
35°	1648	1652	1660	1671	1679	1031
45°	1341	1345	1353	1380	1391	1033
55°	981	987	1001	1024	1032	873
65°	570	570	581	608	625	570
75°	275	273	264	262	265	295
85°	66	66	65	60	54	79
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2118.6	2118.6	2118.6	2118.6	2118.6
2.5°	2124.9	2120.4	2117.7	2116.0	2120.4
5°	2118.6	2114.2	2110.6	2110.6	2116.0
7.5°	2108.8	2104.4	2101.7	2100.8	2106.2
10°	2092.8	2087.4	2085.7	2084.8	2091.0
12.5°	2074.1	2066.0	2066.0	2065.2	2071.4
15°	2045.5	2042.0	2039.3	2040.2	2046.4
17.5°	2016.1	2012.6	2010.8	2010.8	2014.3
20°	1979.6	1975.1	1973.3	1975.1	1981.4
22.5°	1937.7	1935.0	1935.0	1936.8	1941.3
25°	1894.0	1889.6	1890.5	1893.1	1898.5
27.5°	1840.5	1839.7	1839.7	1845.9	1852.1
30°	1779.9	1779.9	1783.5	1792.4	1800.4
32.5°	1718.4	1717.5	1724.7	1732.7	1741.6
35°	1648.0	1652.5	1659.6	1671.2	1679.2
37.5°	1582.1	1581.2	1590.1	1610.6	1615.9
40°	1499.2	1505.4	1516.1	1536.6	1550.0
42.5°	1421.6	1426.1	1435.9	1460.0	1468.9
45°	1341.4	1345.0	1353.0	1379.7	1391.3
47.5°	1256.7	1261.2	1272.8	1295.1	1308.4
50°	1171.2	1177.4	1185.4	1206.8	1217.5
52.5°	1077.6	1085.6	1099.9	1119.5	1127.5
55°	981.3	986.7	1000.9	1024.1	1032.1
57.5°	880.6	885.1	905.6	922.5	928.7
60°	769.2	774.5	795.0	821.8	828.9
62.5°	664.0	668.5	686.3	718.4	729.1
65°	569.5	569.5	581.1	607.9	624.8
67.5°	485.8	484.0	485.8	506.3	524.1
70°	404.7	405.5	401.1	413.6	426.9
72.5°	337.8	337.8	328.9	330.7	341.4
75°	275.4	272.7	263.8	262.0	264.7
77.5°	220.2	215.7	208.6	203.2	197.0
80°	165.8	162.2	156.9	148.8	139.9
82.5°	115.9	112.3	108.7	104.3	95.4
85°	66.0	66.0	65.1	59.7	53.5
87.5°	26.7	25.8	25.0	24.1	22.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)