

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: P738366

Luminaire Tested: **22PT-60-PW1-L950**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P738366
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-L950
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 5000K, 90 CRI LEDS AND WAVES LENS

Light Source: -
Ballast/Driver: -

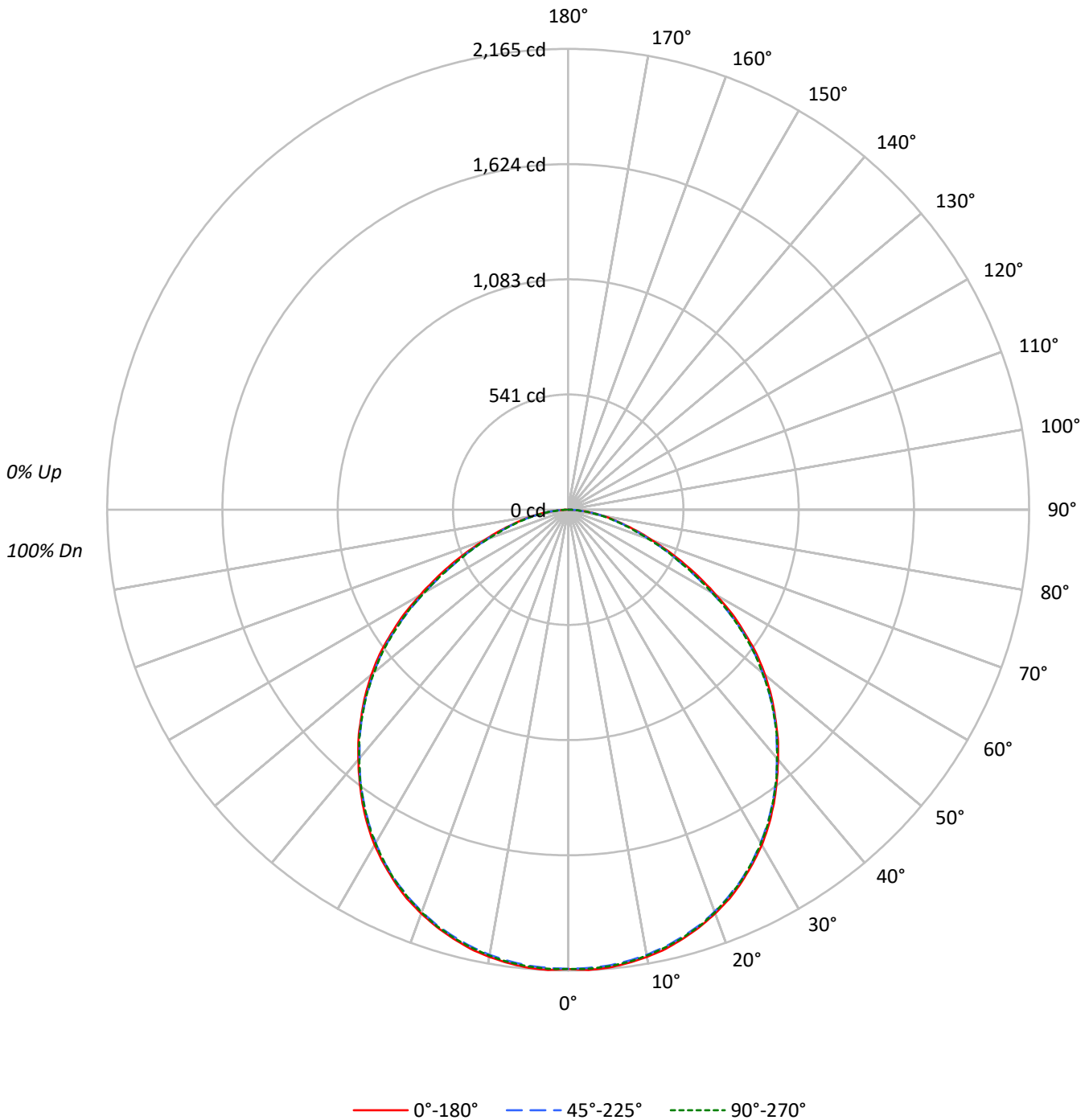
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5618.0 lumens
Efficiency: N/A
Efficacy: 108.5 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 (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	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					100			
1	109	105	101	97	107	103	99	96	98	95	93	95	92	90	91	89	87	85					85			
2	100	92	86	80	97	90	84	79	87	82	77	84	79	76	81	77	74	72					72			
3	92	81	74	67	89	80	73	67	77	71	66	74	69	64	72	67	63	61					61			
4	84	72	64	57	82	71	63	57	69	62	56	66	60	56	64	59	55	53					53			
5	77	65	56	50	75	64	56	49	62	54	49	60	53	48	58	52	48	46					46			
6	72	59	50	44	70	58	49	43	56	48	43	54	48	43	53	47	42	40					40			
7	66	53	45	39	65	52	44	38	51	44	38	49	43	38	48	42	38	36					36			
8	62	49	40	35	60	48	40	34	47	39	34	45	39	34	44	38	34	32					32			
9	58	45	37	31	56	44	36	31	43	36	31	42	35	31	41	35	31	29					29			
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26					26			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	6321	6321	6321
5°	6352	6323	6336
10°	6347	6316	6329
15°	6327	6299	6314
20°	6294	6267	6276
25°	6237	6209	6217
30°	6155	6115	6124
35°	6024	5991	5995
40°	5863	5833	5838
45°	5693	5673	5665
50°	5496	5435	5421
55°	5179	5110	5082
60°	4701	4565	4576
65°	4180	3985	3985
70°	3583	3452	3426
75°	3108	3039	2969
80°	2796	2683	2631
85°	2219	2239	2118



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	204.5	3.6
10°-20°	586.6	10.4
20°-30°	884.9	15.8
30°-40°	1048.1	18.7
40°-50°	1055.1	18.8
50°-60°	892.1	15.9
60°-70°	580.1	10.3
70°-80°	288.7	5.1
80°-90°	77.8	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°	1676.1	29.8
0°-40°	2724.2	48.5
0°-60°	4671.4	83.2
0°-90°	5618.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5618.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2157	2157	2157	2157	2157	
5°	2160	2152	2150	2149	2154	205
15°	2086	2079	2076	2076	2081	589
25°	1929	1922	1921	1919	1923	888
35°	1684	1677	1675	1675	1676	1052
45°	1374	1369	1369	1367	1367	1060
55°	1014	1005	1000	996	995	905
65°	603	586	575	570	575	598
75°	274	274	268	261	262	298
85°	66	67	67	67	63	79
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2157.2	2157.2	2157.2	2157.2	2157.2
2.5°	2164.6	2157.2	2154.8	2153.6	2159.1
5°	2159.7	2151.7	2149.9	2148.7	2154.2
7.5°	2148.7	2141.3	2138.9	2138.3	2143.8
10°	2133.4	2126.0	2123.0	2121.8	2127.3
12.5°	2113.8	2105.9	2102.8	2101.6	2106.5
15°	2085.7	2079.0	2076.5	2075.9	2081.4
17.5°	2055.1	2048.4	2047.2	2045.3	2050.8
20°	2018.4	2011.7	2009.9	2007.4	2012.9
22.5°	1978.1	1970.1	1967.7	1965.8	1970.1
25°	1929.2	1922.4	1920.6	1918.8	1923.0
27.5°	1875.3	1870.5	1868.0	1866.2	1868.6
30°	1819.1	1810.5	1807.5	1806.2	1809.9
32.5°	1754.3	1748.2	1743.9	1743.3	1747.5
35°	1684.0	1676.6	1674.8	1674.8	1676.0
37.5°	1609.4	1605.7	1602.6	1600.8	1604.5
40°	1532.9	1531.7	1525.0	1524.4	1526.2
42.5°	1457.7	1452.8	1447.9	1450.4	1451.6
45°	1373.9	1369.1	1369.1	1367.2	1367.2
47.5°	1293.2	1288.3	1281.6	1282.2	1283.5
50°	1205.8	1199.7	1192.3	1196.6	1189.3
52.5°	1116.5	1105.5	1100.0	1100.0	1099.4
55°	1013.8	1005.2	1000.3	996.1	994.8
57.5°	914.7	901.9	889.7	890.9	895.2
60°	802.2	796.1	779.0	780.2	780.8
62.5°	700.7	689.1	671.4	671.4	677.5
65°	602.9	586.4	574.8	570.5	574.8
67.5°	506.9	497.7	487.9	481.2	487.3
70°	418.2	413.3	403.0	396.2	399.9
72.5°	346.1	339.4	330.8	327.1	323.5
75°	274.5	274.5	268.4	261.1	262.3
77.5°	216.5	214.6	210.3	207.3	207.3
80°	165.7	163.9	159.0	157.8	155.9
82.5°	114.3	115.0	112.5	110.7	108.2
85°	66.0	67.3	66.6	66.6	63.0
87.5°	28.1	25.7	27.5	26.9	29.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)