

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: P738291

Luminaire Tested: **22PT-60-PL1-L930**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P738291
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-L930
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND LEAVES LENS

Light Source: -
Ballast/Driver: -

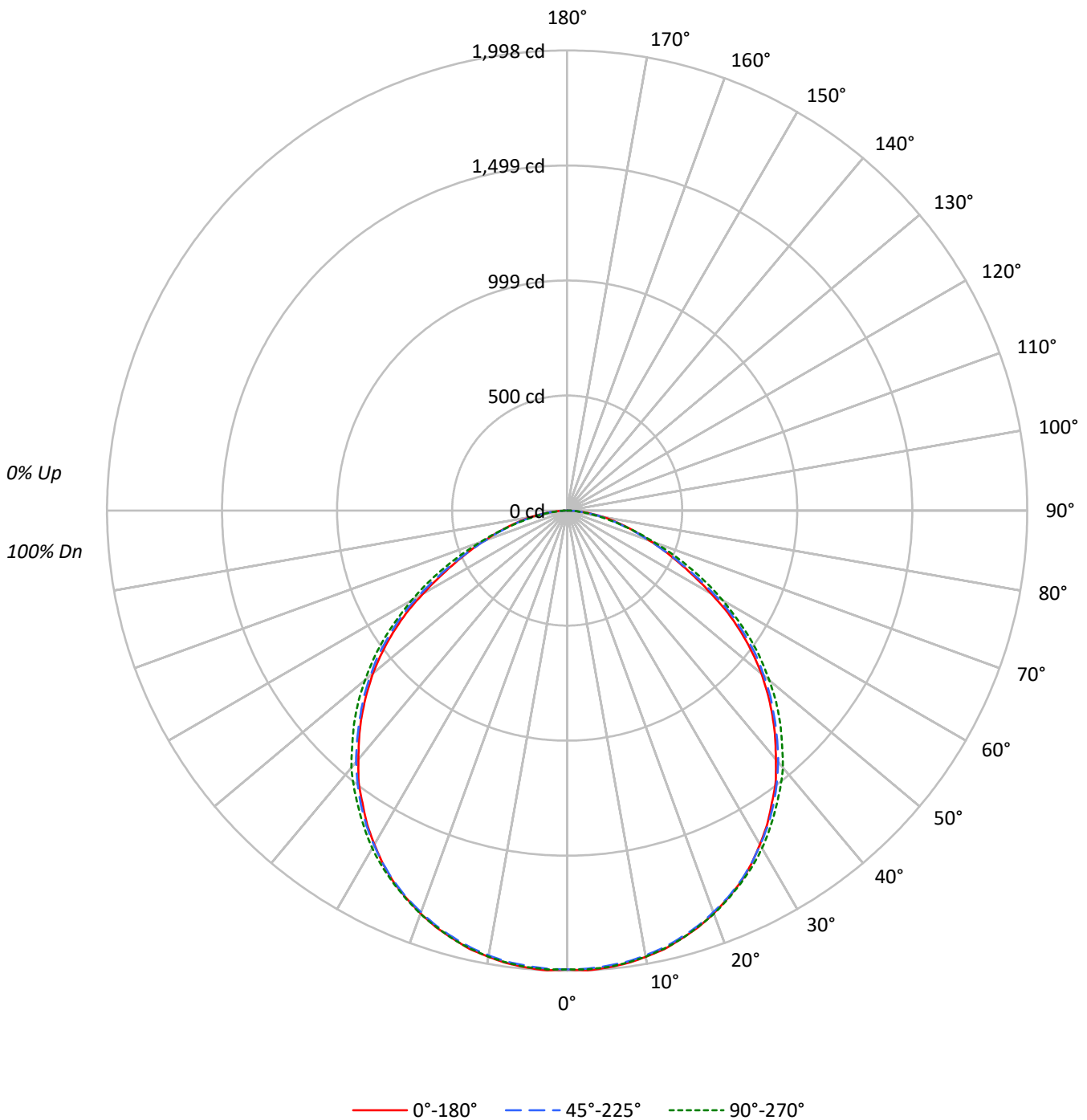
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5249.0 lumens
Efficiency: N/A
Efficacy: 101.3 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	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	83	79	76	80	77	74	72					72			
3	91	81	73	67	89	80	72	67	77	71	65	74	69	64	72	67	63	61					61			
4	84	72	64	57	82	71	63	57	68	62	56	66	60	55	64	59	55	52					52			
5	77	65	56	50	75	64	55	49	62	54	49	60	53	48	58	52	48	46					46			
6	71	58	50	43	70	57	49	43	56	48	43	54	47	42	52	47	42	40					40			
7	66	53	44	38	65	52	44	38	51	43	38	49	43	38	48	42	37	35					35			
8	62	48	40	34	60	48	40	34	46	39	34	45	39	34	44	38	34	32					32			
9	58	44	36	31	56	44	36	31	43	36	31	42	35	31	41	35	30	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°	5837	5837	5837
5°	5860	5838	5852
10°	5855	5835	5850
15°	5835	5817	5838
20°	5804	5786	5810
25°	5758	5747	5771
30°	5663	5674	5728
35°	5543	5582	5648
40°	5392	5453	5575
45°	5227	5272	5421
50°	5020	5081	5219
55°	4714	4808	4958
60°	4239	4381	4568
65°	3713	3789	4073
70°	3260	3231	3440
75°	2932	2809	2818
80°	2631	2489	2221
85°	2084	2057	1691



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	188.9	3.6
10°-20°	541.8	10.3
20°-30°	819.5	15.6
30°-40°	977.1	18.6
40°-50°	986.5	18.8
50°-60°	841.6	16.0
60°-70°	553.0	10.5
70°-80°	270.8	5.2
80°-90°	69.8	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°	1550.2	29.5
0°-40°	2527.3	48.1
0°-60°	4355.4	83.0
0°-90°	5249.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5249.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1992	1992	1992	1992	1992	
5°	1992	1988	1985	1985	1990	189
15°	1924	1920	1918	1918	1924	543
25°	1781	1777	1778	1780	1785	819
35°	1550	1554	1561	1572	1579	970
45°	1261	1265	1272	1297	1308	972
55°	923	928	941	963	971	821
65°	536	536	546	572	588	536
75°	259	256	248	246	249	277
85°	62	62	61	56	50	75
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1992.2	1992.2	1992.2	1992.2	1992.2
2.5°	1998.1	1993.9	1991.4	1989.7	1993.9
5°	1992.2	1988.1	1984.7	1984.7	1989.7
7.5°	1983.0	1978.8	1976.3	1975.5	1980.5
10°	1967.9	1962.9	1961.2	1960.4	1966.3
12.5°	1950.3	1942.8	1942.8	1942.0	1947.8
15°	1923.5	1920.2	1917.6	1918.5	1924.4
17.5°	1895.9	1892.5	1890.8	1890.8	1894.2
20°	1861.5	1857.3	1855.6	1857.3	1863.2
22.5°	1822.1	1819.6	1819.6	1821.3	1825.5
25°	1781.0	1776.8	1777.7	1780.2	1785.2
27.5°	1730.7	1729.9	1729.9	1735.8	1741.6
30°	1673.8	1673.8	1677.1	1685.5	1693.0
32.5°	1615.9	1615.1	1621.8	1629.3	1637.7
35°	1549.7	1553.9	1560.6	1571.5	1579.0
37.5°	1487.7	1486.8	1495.2	1514.5	1519.5
40°	1409.7	1415.6	1425.7	1444.9	1457.5
42.5°	1336.8	1341.0	1350.2	1372.9	1381.2
45°	1261.4	1264.7	1272.3	1297.4	1308.3
47.5°	1181.8	1186.0	1196.9	1217.8	1230.4
50°	1101.3	1107.2	1114.7	1134.8	1144.9
52.5°	1013.3	1020.8	1034.3	1052.7	1060.2
55°	922.8	927.8	941.2	963.0	970.6
57.5°	828.1	832.3	851.5	867.5	873.3
60°	723.3	728.3	747.6	772.8	779.5
62.5°	624.4	628.6	645.4	675.5	685.6
65°	535.6	535.6	546.5	571.6	587.5
67.5°	456.8	455.1	456.8	476.1	492.8
70°	380.5	381.4	377.2	388.9	401.5
72.5°	317.7	317.7	309.3	310.9	321.0
75°	259.0	256.5	248.1	246.4	248.9
77.5°	207.0	202.8	196.1	191.1	185.2
80°	155.9	152.5	147.5	140.0	131.6
82.5°	109.0	105.6	102.3	98.1	89.7
85°	62.0	62.0	61.2	56.2	50.3
87.5°	25.1	24.3	23.5	22.6	21.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)