

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: P738363

Luminaire Tested: **22PT-60-PW1-L930**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P738363
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-L930
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND WAVES LENS

Light Source: -
Ballast/Driver: -

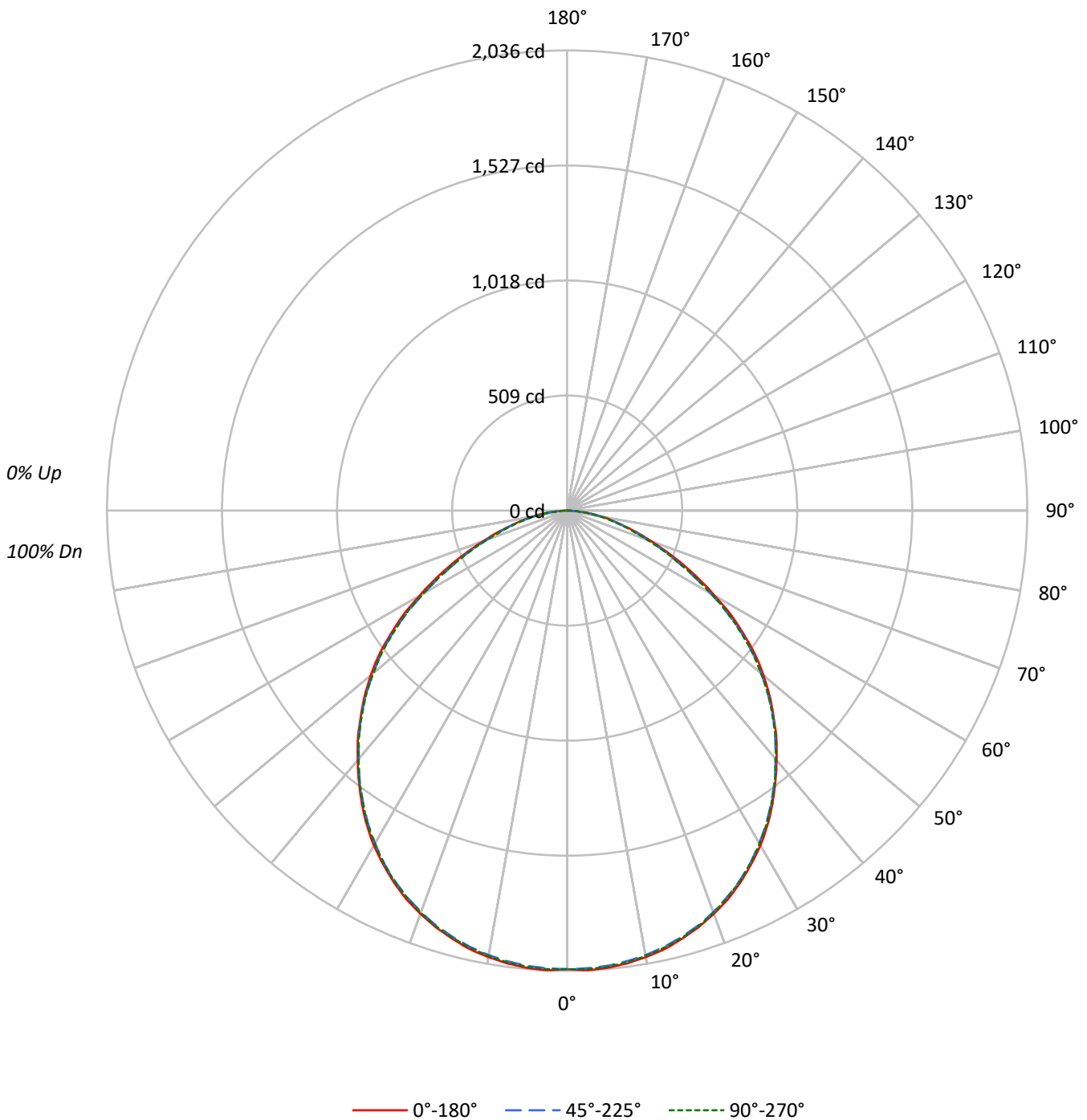
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5284.0 lumens
Efficiency: N/A
Efficacy: 102.0 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°	5945	5945	5945
5°	5975	5948	5959
10°	5970	5941	5953
15°	5951	5925	5939
20°	5919	5894	5903
25°	5866	5840	5847
30°	5789	5752	5759
35°	5665	5634	5639
40°	5515	5486	5491
45°	5355	5336	5328
50°	5170	5112	5099
55°	4871	4807	4780
60°	4421	4294	4304
65°	3932	3748	3748
70°	3370	3247	3222
75°	2923	2859	2793
80°	2631	2523	2475
85°	2088	2108	1990



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	192.4	3.6
10°-20°	551.7	10.4
20°-30°	832.3	15.8
30°-40°	985.8	18.7
40°-50°	992.4	18.8
50°-60°	839.1	15.9
60°-70°	545.6	10.3
70°-80°	271.5	5.1
80°-90°	73.2	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°	1576.4	29.8
0°-40°	2562.2	48.5
0°-60°	4393.7	83.2
0°-90°	5284.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5284.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2029	2029	2029	2029	2029	
5°	2031	2024	2022	2021	2026	193
15°	1962	1955	1953	1952	1958	554
25°	1814	1808	1806	1805	1809	836
35°	1584	1577	1575	1575	1576	990
45°	1292	1288	1288	1286	1286	997
55°	954	946	941	937	936	851
65°	567	552	541	537	541	563
75°	258	258	252	246	247	280
85°	62	63	63	63	59	75
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2029.0	2029.0	2029.0	2029.0	2029.0
2.5°	2035.9	2029.0	2026.7	2025.5	2030.7
5°	2031.3	2023.8	2022.1	2020.9	2026.1
7.5°	2020.9	2014.0	2011.7	2011.1	2016.3
10°	2006.5	1999.6	1996.8	1995.6	2000.8
12.5°	1988.1	1980.7	1977.8	1976.6	1981.2
15°	1961.7	1955.4	1953.1	1952.5	1957.7
17.5°	1932.9	1926.6	1925.5	1923.7	1928.9
20°	1898.4	1892.1	1890.4	1888.1	1893.2
22.5°	1860.5	1853.0	1850.7	1849.0	1853.0
25°	1814.5	1808.1	1806.4	1804.7	1808.7
27.5°	1763.9	1759.2	1756.9	1755.2	1757.5
30°	1710.9	1702.9	1700.0	1698.9	1702.3
32.5°	1650.0	1644.2	1640.2	1639.6	1643.7
35°	1583.8	1576.9	1575.2	1575.2	1576.4
37.5°	1513.7	1510.2	1507.4	1505.6	1509.1
40°	1441.8	1440.6	1434.3	1433.7	1435.5
42.5°	1371.1	1366.5	1361.9	1364.2	1365.3
45°	1292.3	1287.7	1287.7	1285.9	1285.9
47.5°	1216.3	1211.7	1205.4	1206.0	1207.1
50°	1134.1	1128.4	1121.5	1125.5	1118.6
52.5°	1050.1	1039.8	1034.6	1034.6	1034.0
55°	953.5	945.5	940.9	936.8	935.7
57.5°	860.4	848.3	836.8	837.9	842.0
60°	754.5	748.8	732.7	733.8	734.4
62.5°	659.1	648.1	631.5	631.5	637.2
65°	567.1	551.5	540.6	536.6	540.6
67.5°	476.8	468.1	458.9	452.6	458.4
70°	393.4	388.8	379.0	372.7	376.1
72.5°	325.5	319.2	311.1	307.7	304.2
75°	258.2	258.2	252.5	245.6	246.7
77.5°	203.6	201.9	197.8	195.0	195.0
80°	155.9	154.1	149.5	148.4	146.7
82.5°	107.5	108.1	105.8	104.1	101.8
85°	62.1	63.3	62.7	62.7	59.2
87.5°	26.5	24.2	25.9	25.3	27.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)