

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: P737918

Luminaire Tested: **14PT-60-PP3-L950**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P737918
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2211-846-8)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/8/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 14PT-60-PP3-L950
Description: 6000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 5000K, 90 CRI LEDS AND PRISM LENS

Light Source: -
Ballast/Driver: -

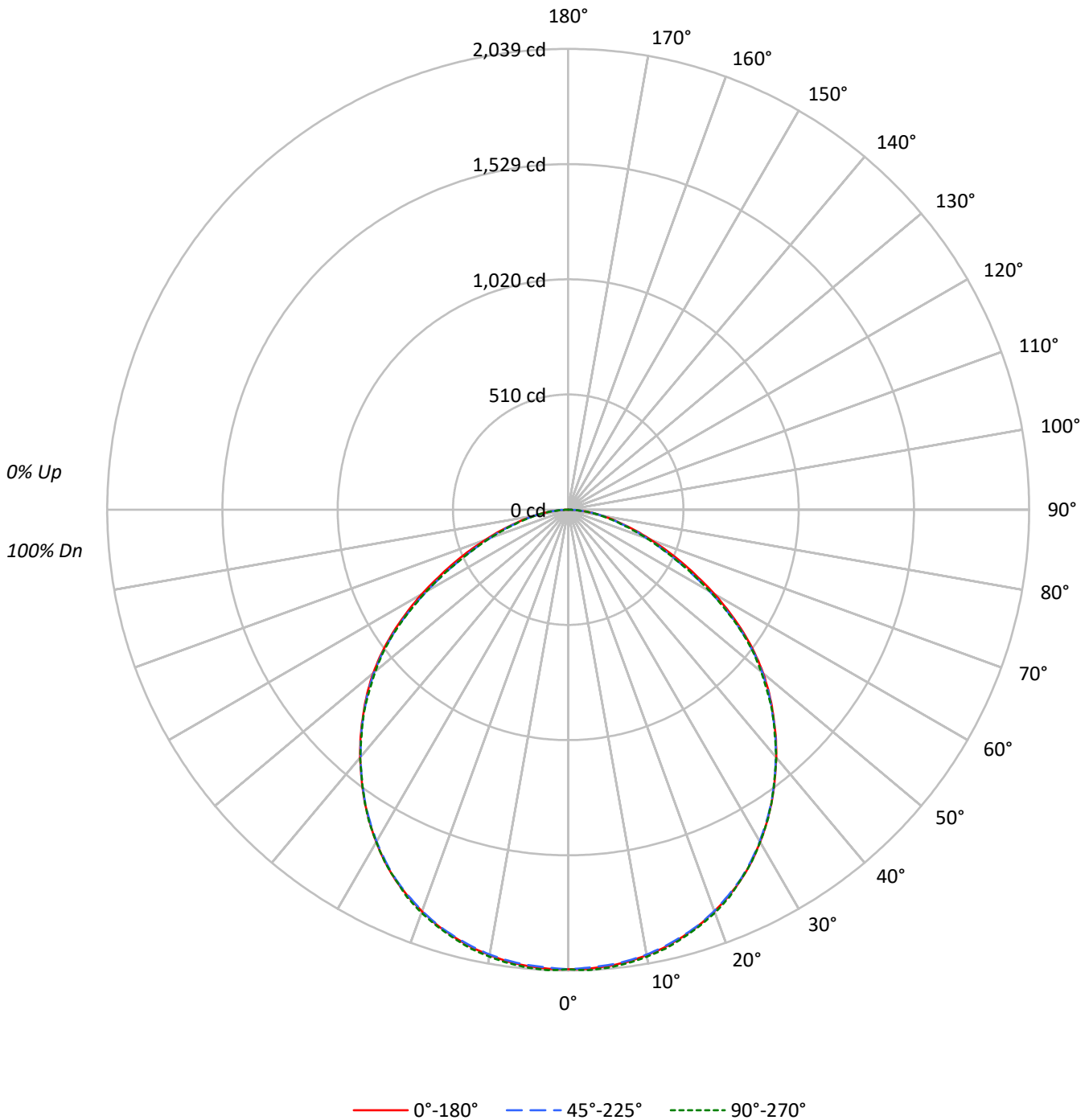
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5254.0 lumens
Efficiency: N/A
Efficacy: 105.5 lumens/watt
Spacing Criteria (0/90/45): 1.24 / 1.24 / 1.34
Luminous Opening: Rectangular (W 0.92' x L: 3.92' x H: 0')
CIE Type: Direct

Input Watts (W): 49.8
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	99	96	93	95	92	90	91	89	87	85
2	100	92	86	80	97	90	84	79	87	82	78	84	79	76	81	77	74	72
3	92	81	74	67	89	80	73	67	77	71	66	74	69	65	72	67	63	61
4	84	73	64	58	82	71	63	57	69	62	56	66	60	56	64	59	55	53
5	77	65	56	50	75	64	56	50	62	55	49	60	54	49	58	52	48	46
6	72	59	50	44	70	58	50	44	56	49	43	54	48	43	53	47	42	40
7	66	53	45	39	65	52	44	39	51	44	38	50	43	38	48	42	38	36
8	62	49	40	35	60	48	40	35	47	39	34	45	39	34	44	38	34	32
9	58	45	37	31	57	44	36	31	43	36	31	42	35	31	41	35	31	29
10	54	41	34	28	53	41	33	28	40	33	28	39	33	28	38	32	28	26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	6096	6096	6096
5°	6102	6089	6122
10°	6094	6085	6114
15°	6073	6062	6089
20°	6033	6028	6054
25°	5980	5970	5977
30°	5879	5866	5879
35°	5751	5743	5748
40°	5604	5586	5601
45°	5436	5420	5426
50°	5253	5229	5191
55°	4946	4888	4873
60°	4488	4337	4346
65°	3943	3744	3739
70°	3410	3255	3215
75°	2949	2838	2779
80°	2612	2574	2459
85°	2157	2236	2109



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	192.8	3.7
10°-20°	552.5	10.5
20°-30°	831.8	15.8
30°-40°	981.7	18.7
40°-50°	987.3	18.8
50°-60°	833.5	15.9
60°-70°	535.3	10.2
70°-80°	266.2	5.1
80°-90°	73.0	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°	1577.1	30.0
0°-40°	2558.7	48.7
0°-60°	4379.5	83.4
0°-90°	5254.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5254.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2033	2033	2033	2033	2033	
5°	2028	2028	2023	2033	2034	193
15°	1957	1957	1953	1962	1962	552
25°	1808	1808	1805	1808	1807	832
35°	1571	1572	1569	1571	1571	982
45°	1282	1286	1278	1280	1280	989
55°	946	946	935	932	932	842
65°	556	548	528	523	527	554
75°	255	253	245	243	240	276
85°	63	65	65	61	61	74
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2033.4	2033.4	2033.4	2033.4	2033.4
2.5°	2032.7	2033.4	2028.2	2037.8	2039.3
5°	2027.5	2028.2	2023.1	2032.7	2034.1
7.5°	2017.2	2017.9	2013.5	2022.3	2023.8
10°	2001.7	2003.9	1998.7	2006.8	2008.3
12.5°	1982.5	1983.2	1978.1	1987.6	1989.1
15°	1956.6	1957.4	1953.0	1961.8	1961.8
17.5°	1927.1	1927.9	1924.9	1932.3	1931.6
20°	1891.0	1893.2	1889.5	1894.6	1897.6
22.5°	1851.8	1852.6	1848.2	1854.8	1857.7
25°	1807.6	1808.3	1804.6	1808.3	1806.8
27.5°	1755.9	1757.4	1752.2	1755.9	1756.6
30°	1698.3	1702.0	1694.6	1697.6	1698.3
32.5°	1636.3	1638.5	1633.4	1634.1	1637.8
35°	1571.4	1572.1	1569.2	1570.6	1570.6
37.5°	1501.3	1504.2	1499.8	1502.0	1499.0
40°	1431.9	1428.9	1427.4	1428.9	1431.1
42.5°	1358.8	1359.5	1357.3	1355.9	1352.2
45°	1282.0	1286.5	1278.4	1279.8	1279.8
47.5°	1206.8	1207.5	1203.1	1198.6	1195.7
50°	1126.3	1126.3	1121.1	1117.5	1113.0
52.5°	1038.5	1037.0	1031.1	1027.4	1029.6
55°	946.2	945.5	935.1	931.5	932.2
57.5°	845.1	846.6	831.1	827.4	827.4
60°	748.4	741.0	723.3	718.2	724.8
62.5°	647.3	638.4	619.2	619.2	624.4
65°	555.8	547.7	527.7	522.6	527.0
67.5°	470.2	462.8	444.3	441.4	442.8
70°	389.0	382.3	371.3	364.6	366.8
72.5°	318.9	312.9	305.6	300.4	297.4
75°	254.6	253.2	245.0	242.8	239.9
77.5°	201.5	200.8	194.1	191.2	188.2
80°	151.3	150.6	149.1	144.7	142.4
82.5°	107.8	107.8	107.0	103.3	101.1
85°	62.7	65.0	65.0	61.3	61.3
87.5°	25.1	26.6	25.1	25.1	24.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)