

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: P738275

Luminaire Tested: **22PT-60-PB1-L930**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P738275
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2212-851-6)
Test Lab: COOPER LIGHTING SOLUTIONS
Issue Date: 2/8/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 22PT-60-PB1-L930
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 90 CRI LEDS AND BEVEL LENS

Light Source: -
Ballast/Driver: -

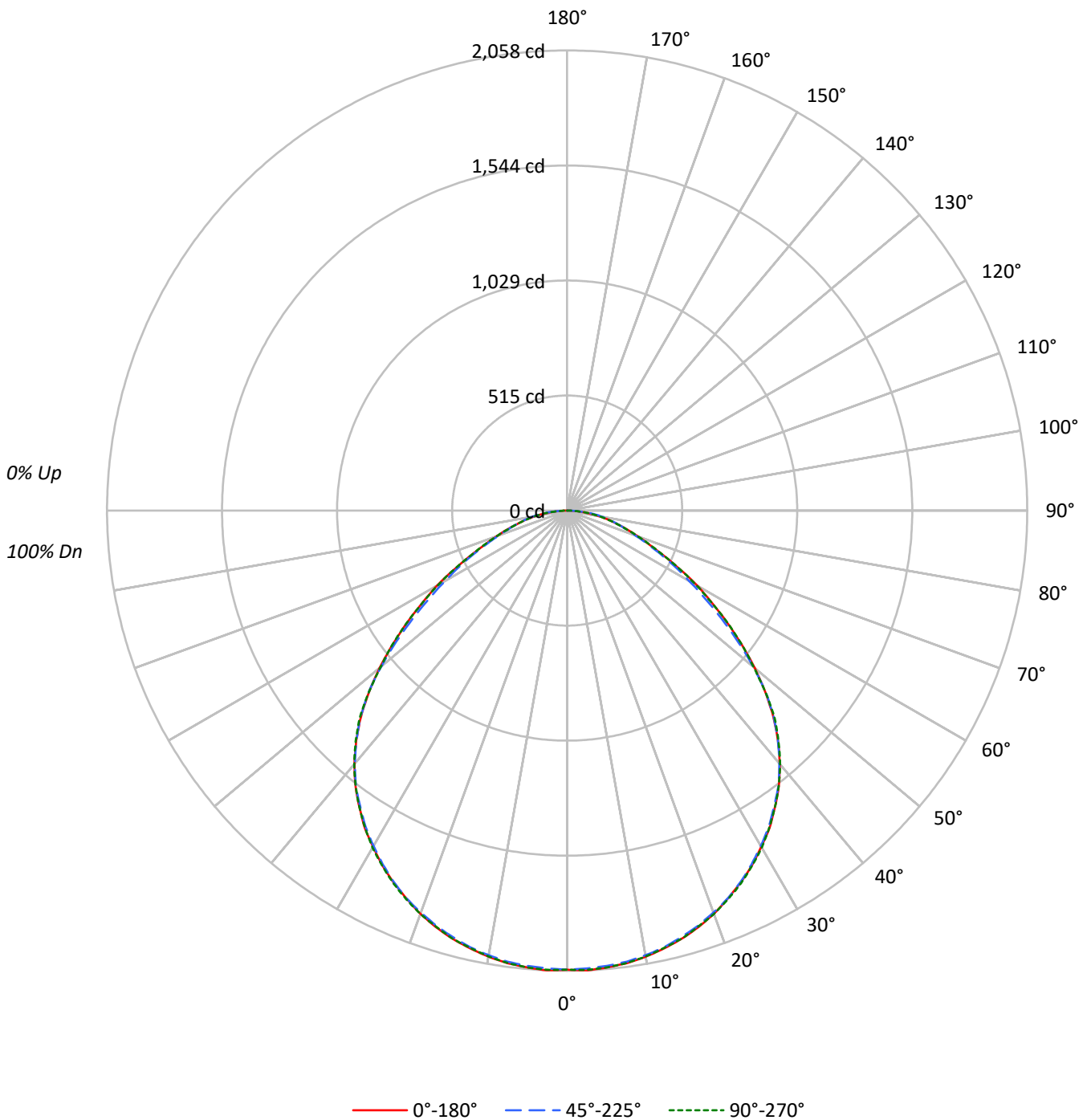
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5177.0 lumens
Efficiency: N/A
Efficacy: 99.9 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 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 (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	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	88	86
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73
3	92	82	74	68	90	81	73	68	78	72	67	75	70	65	72	68	64	62
4	85	73	65	59	82	72	64	58	69	63	57	67	61	57	65	60	56	54
5	78	66	57	51	76	65	57	51	63	55	50	61	54	50	59	53	49	47
6	72	59	51	45	70	59	50	44	57	50	44	55	49	44	54	48	43	41
7	67	54	46	40	65	53	45	40	52	45	39	50	44	39	49	43	39	37
8	63	49	41	36	61	49	41	35	47	40	35	46	40	35	45	39	35	33
9	58	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	30
10	55	42	34	29	54	41	34	29	40	34	29	40	33	29	39	33	29	27

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	6016	6016	6016
5°	6032	6012	6032
10°	6027	6007	6025
15°	6013	5991	6011
20°	5983	5965	5986
25°	5934	5929	5947
30°	5874	5860	5891
35°	5795	5774	5795
40°	5661	5648	5667
45°	5406	5416	5437
50°	4992	4950	4958
55°	4460	4311	4477
60°	3937	3698	3913
65°	3299	3194	3299
70°	2860	2782	2874
75°	2608	2646	2608
80°	2450	2663	2465
85°	2131	2609	2189



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.7	3.8
10°-20°	558.3	10.8
20°-30°	845.4	16.3
30°-40°	1011.2	19.5
40°-50°	1001.2	19.3
50°-60°	769.8	14.9
60°-70°	468.8	9.1
70°-80°	248.1	4.8
80°-90°	79.4	1.5
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°	1598.5	30.9
0°-40°	2609.7	50.4
0°-60°	4380.7	84.6
0°-90°	5177.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5177.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2053	2053	2053	2053	2053	
5°	2051	2050	2044	2048	2051	195
15°	1982	1979	1975	1979	1982	559
25°	1836	1834	1834	1836	1840	846
35°	1620	1618	1614	1619	1620	1013
45°	1305	1305	1307	1308	1312	1001
55°	873	861	844	859	876	783
65°	476	464	461	460	476	481
75°	230	230	234	232	230	247
85°	63	73	78	74	65	73
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2053.3	2053.3	2053.3	2053.3	2053.3
2.5°	2058.3	2055.0	2049.1	2053.3	2055.8
5°	2050.8	2050.0	2044.1	2047.5	2050.8
7.5°	2041.6	2039.1	2034.9	2038.3	2040.8
10°	2025.8	2024.1	2019.1	2023.3	2024.9
12.5°	2005.7	2004.1	2000.7	2004.1	2003.2
15°	1982.4	1979.0	1974.9	1979.0	1981.5
17.5°	1953.2	1949.8	1946.5	1949.0	1950.6
20°	1918.9	1913.9	1913.1	1916.4	1919.8
22.5°	1878.0	1878.0	1877.2	1879.7	1881.4
25°	1835.5	1833.8	1833.8	1836.3	1839.6
27.5°	1789.6	1786.2	1784.5	1788.7	1791.2
30°	1736.1	1735.3	1732.0	1738.6	1741.1
32.5°	1684.4	1676.0	1677.7	1681.0	1681.9
35°	1620.1	1618.4	1614.3	1619.3	1620.1
37.5°	1555.0	1554.2	1551.7	1553.3	1554.2
40°	1479.9	1479.1	1476.5	1479.9	1481.6
42.5°	1396.4	1394.8	1394.8	1397.3	1399.8
45°	1304.6	1305.4	1307.1	1307.9	1312.1
47.5°	1201.9	1203.6	1205.3	1203.6	1204.4
50°	1095.1	1094.3	1085.9	1091.8	1087.6
52.5°	982.4	969.9	963.2	976.6	985.8
55°	873.1	861.4	843.9	858.9	876.4
57.5°	767.9	747.9	729.5	747.0	764.6
60°	671.9	641.0	631.0	641.9	667.7
62.5°	569.3	547.5	544.2	545.9	568.4
65°	475.8	464.1	460.7	459.9	475.8
67.5°	399.0	391.5	387.3	390.6	400.6
70°	333.9	330.5	324.7	330.5	335.5
72.5°	280.5	279.6	274.6	279.6	277.9
75°	230.4	230.4	233.7	232.0	230.4
77.5°	187.8	189.5	195.3	190.3	185.3
80°	145.2	149.4	157.8	150.2	146.1
82.5°	103.5	112.7	121.9	112.7	106.8
85°	63.4	72.6	77.6	73.5	65.1
87.5°	27.5	32.6	34.2	31.7	27.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)