

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: P738302

Luminaire Tested: **22PT-60-PP3-L950**

Issue Date: 2/8/2024



Test Information

Test Method: LM-79-08
Report Number: P738302
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P412714)
Test Lab: INNOVATION CENTER
Issue Date: 2/8/2024
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: CORELITE
Catalog Number: 22PT-60-PP3-L950
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 5000K, 90 CRI LEDS AND PRISM LENS

Light Source: -
Ballast/Driver: -

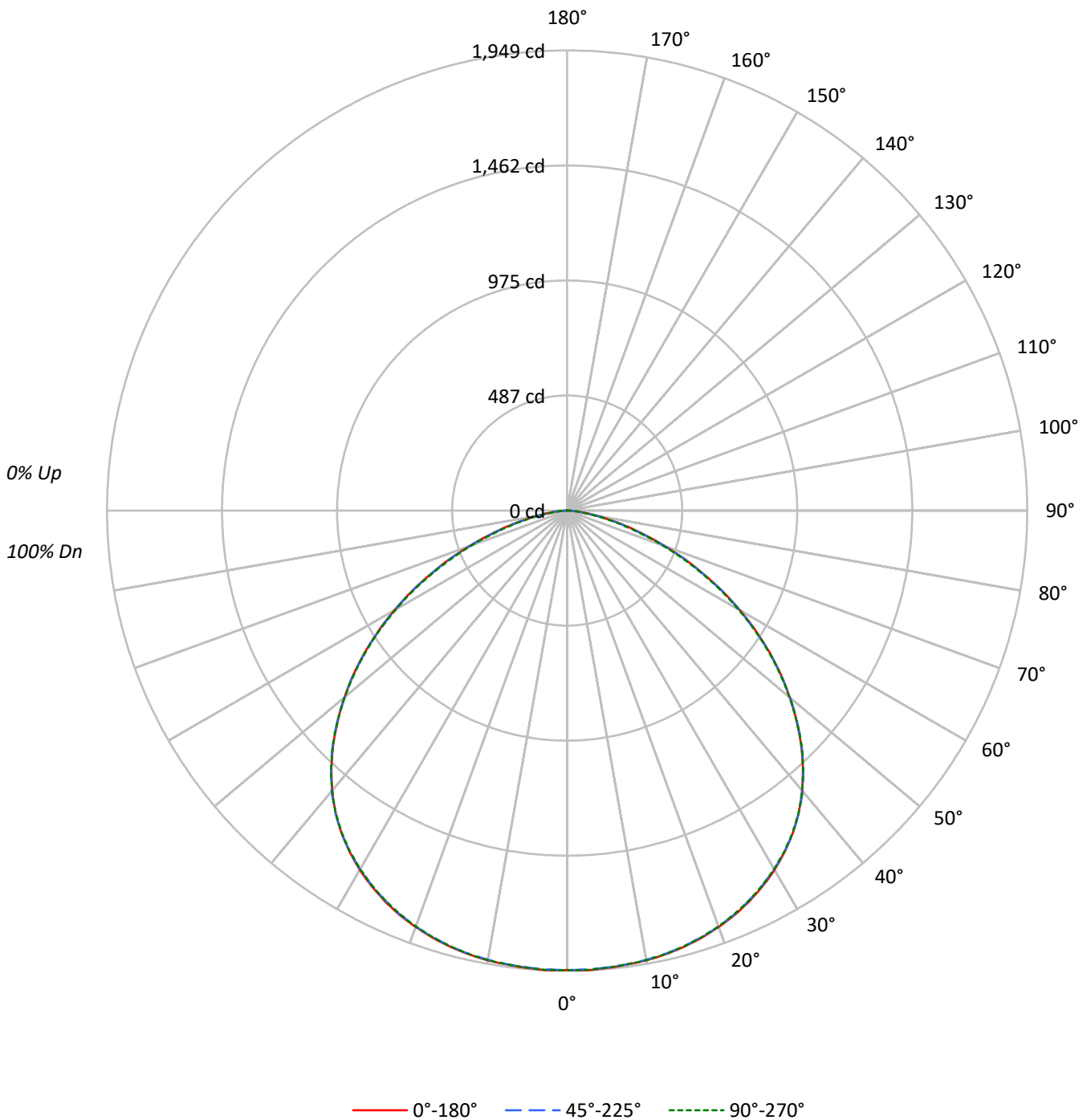
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 5584.0 lumens
Efficiency: N/A
Efficacy: 107.8 lumens/watt
Spacing Criteria (0/90/45): 1.33 / 1.33 / 1.43
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	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	85	80	97	90	84	79	87	81	77	83	79	75	80	77	74	72
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	67	63	61
4	84	72	63	57	81	70	62	56	68	61	55	66	60	55	64	58	54	52
5	77	64	55	49	75	63	55	49	61	54	48	59	53	47	57	51	47	45
6	71	58	49	43	69	57	48	42	55	48	42	53	47	42	52	46	41	39
7	66	52	44	38	64	52	43	37	50	43	37	49	42	37	47	41	37	35
8	61	48	39	33	60	47	39	33	46	38	33	44	38	33	43	37	33	31
9	57	44	36	30	56	43	35	30	42	35	30	41	34	30	40	34	29	28
10	53	40	32	27	52	40	32	27	39	32	27	38	31	27	37	31	27	25

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	5702	5702	5702
5°	5720	5713	5717
10°	5756	5748	5752
15°	5801	5795	5795
20°	5852	5846	5844
25°	5904	5893	5893
30°	5945	5934	5932
35°	5962	5962	5955
40°	5923	5936	5923
45°	5806	5822	5813
50°	5611	5619	5604
55°	5341	5328	5318
60°	4959	4947	4908
65°	4429	4425	4374
70°	3786	3763	3680
75°	3016	2928	2839
80°	2150	2106	1996
85°	1399	1399	1355



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	185.1	3.3
10°-20°	539.9	9.7
20°-30°	840.7	15.1
30°-40°	1040.5	18.6
40°-50°	1078.9	19.3
50°-60°	929.9	16.7
60°-70°	632.2	11.3
70°-80°	282.9	5.1
80°-90°	53.9	1.0
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°	1565.7	28.0
0°-40°	2606.1	46.7
0°-60°	4614.9	82.6
0°-90°	5584.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5584.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1946	1946	1946	1946	1946	
5°	1945	1941	1942	1942	1944	185
15°	1912	1909	1910	1909	1910	541
25°	1826	1823	1823	1822	1823	842
35°	1667	1665	1667	1664	1665	1041
45°	1401	1400	1405	1402	1403	1078
55°	1046	1042	1043	1041	1041	932
65°	639	644	638	636	631	634
75°	266	267	259	257	251	287
85°	42	43	42	40	40	55
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1946.2	1946.2	1946.2	1946.2	1946.2
2.5°	1948.9	1944.9	1944.9	1945.7	1947.7
5°	1944.9	1941.1	1942.4	1941.7	1943.7
7.5°	1939.8	1936.6	1938.6	1937.1	1938.6
10°	1934.6	1931.3	1932.0	1931.3	1933.3
12.5°	1925.4	1921.6	1922.9	1922.9	1923.6
15°	1912.5	1909.2	1910.5	1909.2	1910.5
17.5°	1896.8	1893.0	1893.7	1893.0	1894.3
20°	1876.8	1874.2	1874.8	1873.5	1874.2
22.5°	1854.0	1850.7	1851.4	1850.2	1850.2
25°	1826.1	1823.4	1822.8	1822.1	1822.8
27.5°	1793.5	1790.4	1790.4	1789.7	1789.7
30°	1757.2	1753.9	1753.9	1753.2	1753.2
32.5°	1714.2	1712.9	1713.7	1712.4	1711.7
35°	1666.8	1664.8	1666.8	1664.3	1664.8
37.5°	1611.6	1609.1	1612.9	1610.3	1610.9
40°	1548.6	1547.3	1551.8	1549.8	1548.6
42.5°	1478.4	1478.4	1480.4	1480.9	1479.7
45°	1401.1	1399.8	1404.9	1401.7	1402.9
47.5°	1317.8	1316.0	1319.8	1319.1	1318.6
50°	1230.9	1229.4	1232.7	1229.4	1229.4
52.5°	1140.5	1139.8	1140.5	1137.2	1136.5
55°	1045.6	1041.7	1043.0	1041.0	1041.0
57.5°	946.8	942.2	942.9	942.2	942.9
60°	846.2	844.7	844.2	840.9	837.6
62.5°	742.8	744.1	743.4	738.8	735.5
65°	638.8	644.1	638.2	636.2	630.9
67.5°	540.7	542.5	538.7	534.2	528.3
70°	441.9	445.8	439.2	434.7	429.6
72.5°	347.7	350.3	344.4	341.9	335.3
75°	266.4	267.2	258.6	257.3	250.8
77.5°	189.7	192.3	185.9	185.9	179.3
80°	127.4	131.9	124.8	122.8	118.3
82.5°	80.0	80.6	78.5	76.7	74.7
85°	41.6	42.8	41.6	40.3	40.3
87.5°	15.7	16.2	15.7	14.9	15.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)