

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: P738298

Luminaire Tested: **22PT-60-PP3-L850**

Issue Date: 2/8/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P738298  
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-L850  
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 5000K, 80 CRI LEDS AND PRISM LENS

Light Source: -  
Ballast/Driver: -

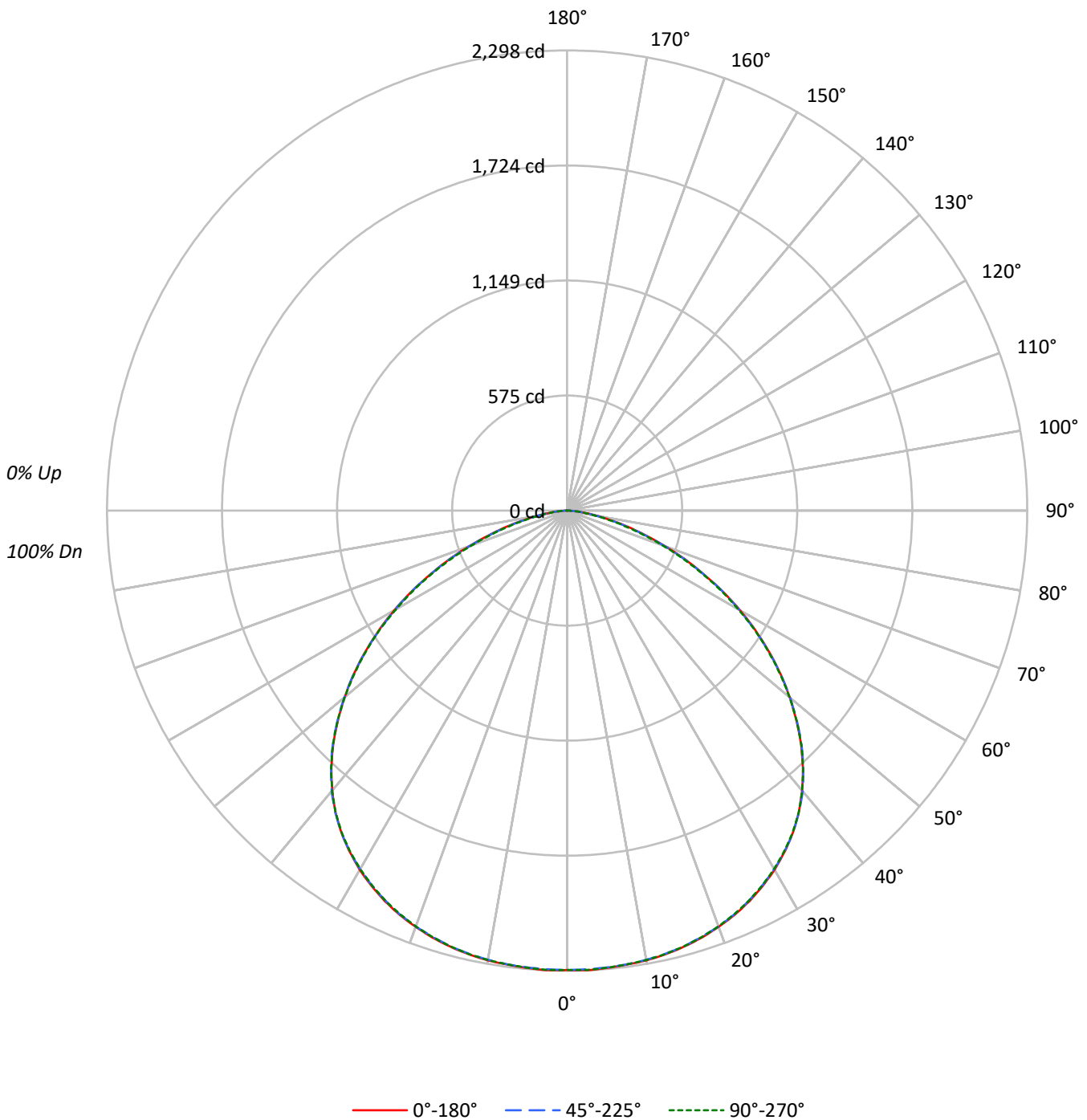
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6583.0 lumens  
Efficiency: N/A  
Efficacy: 127.1 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 (A<sub>in</sub>): 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°	6723	6723	6723
5°	6744	6735	6740
10°	6786	6776	6781
15°	6839	6832	6832
20°	6899	6892	6889
25°	6960	6947	6947
30°	7009	6996	6993
35°	7029	7029	7020
40°	6983	6998	6983
45°	6845	6863	6853
50°	6615	6625	6607
55°	6297	6281	6269
60°	5846	5832	5787
65°	5221	5216	5157
70°	4463	4436	4338
75°	3556	3452	3346
80°	2534	2484	2352
85°	1647	1647	1597



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	218.2	3.3
10°-20°	636.5	9.7
20°-30°	991.1	15.1
30°-40°	1226.6	18.6
40°-50°	1271.9	19.3
50°-60°	1096.3	16.7
60°-70°	745.3	11.3
70°-80°	333.5	5.1
80°-90°	63.5	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°	1845.8	28.0
0°-40°	3072.4	46.7
0°-60°	5440.6	82.6
0°-90°	6583.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6583.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2294	2294	2294	2294	2294	
5°	2293	2288	2290	2289	2291	218
15°	2255	2251	2252	2251	2252	637
25°	2153	2150	2149	2148	2149	993
35°	1965	1963	1965	1962	1963	1227
45°	1652	1650	1656	1652	1654	1271
55°	1233	1228	1230	1227	1227	1099
65°	753	759	752	750	744	748
75°	314	315	305	303	296	338
85°	49	50	49	48	48	64
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2294.4	2294.4	2294.4	2294.4	2294.4
2.5°	2297.6	2292.9	2292.9	2293.8	2296.1
5°	2292.9	2288.4	2289.9	2289.0	2291.4
7.5°	2286.9	2283.0	2285.4	2283.7	2285.4
10°	2280.7	2276.8	2277.6	2276.8	2279.1
12.5°	2269.9	2265.4	2266.9	2266.9	2267.8
15°	2254.7	2250.8	2252.3	2250.8	2252.3
17.5°	2236.2	2231.7	2232.5	2231.7	2233.2
20°	2212.5	2209.5	2210.2	2208.7	2209.5
22.5°	2185.7	2181.8	2182.7	2181.2	2181.2
25°	2152.8	2149.6	2148.9	2148.1	2148.9
27.5°	2114.4	2110.7	2110.7	2109.8	2109.8
30°	2071.6	2067.7	2067.7	2066.9	2066.9
32.5°	2020.9	2019.4	2020.3	2018.7	2017.9
35°	1965.0	1962.7	1965.0	1962.0	1962.7
37.5°	1899.9	1896.9	1901.4	1898.4	1899.1
40°	1825.6	1824.1	1829.5	1827.1	1825.6
42.5°	1742.9	1742.9	1745.2	1745.9	1744.4
45°	1651.8	1650.3	1656.3	1652.4	1653.9
47.5°	1553.6	1551.4	1556.0	1555.1	1554.5
50°	1451.1	1449.4	1453.3	1449.4	1449.4
52.5°	1344.5	1343.7	1344.5	1340.7	1339.8
55°	1232.6	1228.1	1229.6	1227.2	1227.2
57.5°	1116.2	1110.8	1111.6	1110.8	1111.6
60°	997.6	995.8	995.2	991.3	987.5
62.5°	875.7	877.2	876.4	871.0	867.1
65°	753.1	759.3	752.4	750.0	743.8
67.5°	637.5	639.6	635.1	629.7	622.9
70°	521.0	525.5	517.8	512.4	506.4
72.5°	409.9	412.9	406.1	403.1	395.3
75°	314.1	315.0	304.9	303.4	295.6
77.5°	223.7	226.7	219.1	219.1	211.4
80°	150.2	155.6	147.2	144.8	139.4
82.5°	94.3	95.0	92.6	90.5	88.1
85°	49.0	50.5	49.0	47.5	47.5
87.5°	18.5	19.1	18.5	17.6	18.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)