

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: P737912

Luminaire Tested: **14PT-60-PP3-L835**

Issue Date: 2/8/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P737912  
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-L835  
Description: 6000 LUMEN 1X4 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PRISM LENS

Light Source: -  
Ballast/Driver: -

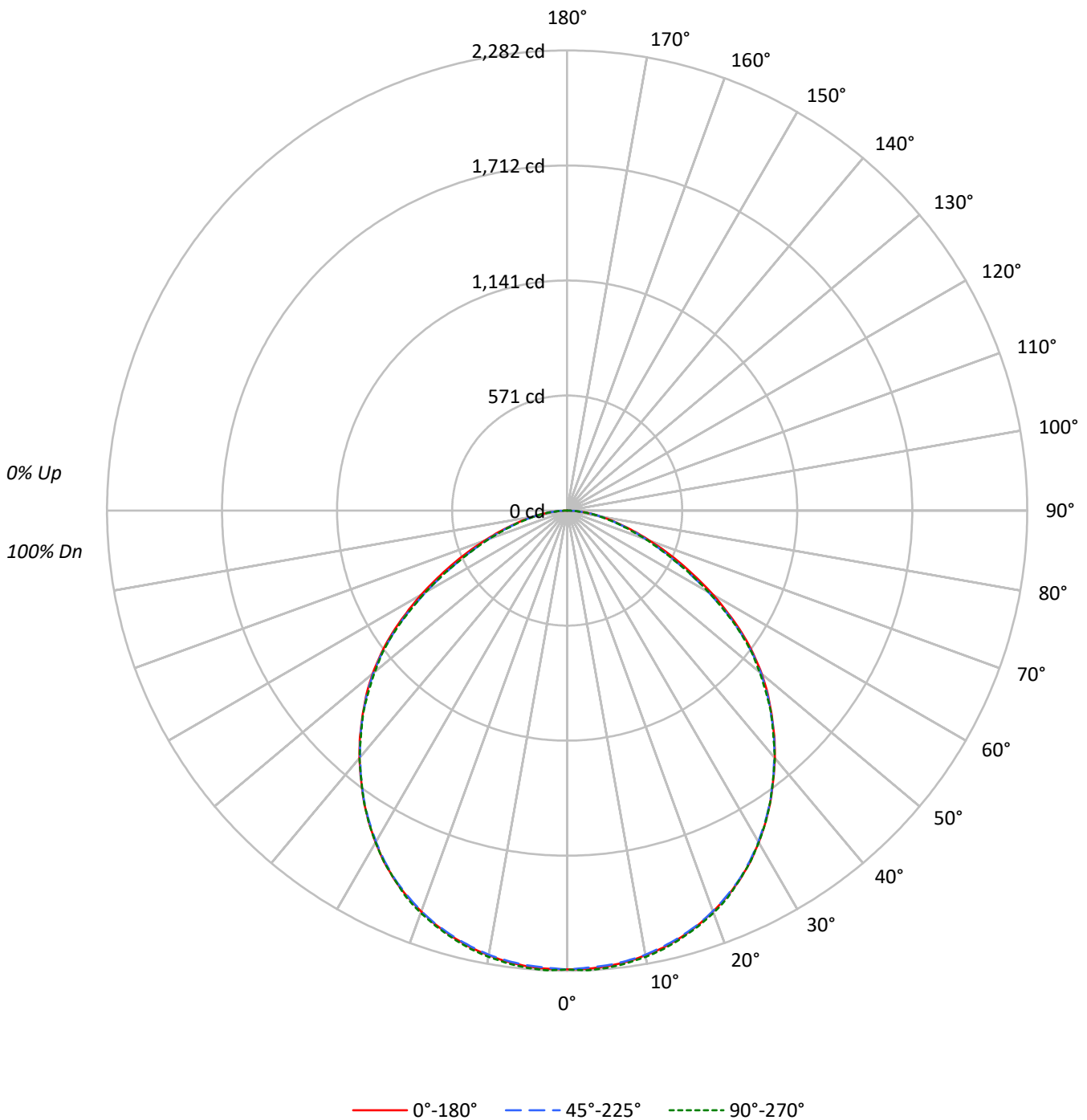
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 5879.0 lumens  
Efficiency: N/A  
Efficacy: 118.1 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<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	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°	6822	6822	6822
5°	6828	6813	6850
10°	6819	6809	6841
15°	6796	6783	6814
20°	6751	6746	6774
25°	6691	6680	6688
30°	6579	6564	6579
35°	6435	6426	6432
40°	6271	6251	6267
45°	6083	6065	6072
50°	5878	5851	5809
55°	5534	5470	5452
60°	5021	4853	4863
65°	4412	4189	4183
70°	3815	3641	3598
75°	3300	3176	3109
80°	2923	2880	2752
85°	2415	2501	2356



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	215.8	3.7
10°-20°	618.2	10.5
20°-30°	930.7	15.8
30°-40°	1098.5	18.7
40°-50°	1104.7	18.8
50°-60°	932.6	15.9
60°-70°	599.0	10.2
70°-80°	297.9	5.1
80°-90°	81.6	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°	1764.7	30.0
0°-40°	2863.1	48.7
0°-60°	4900.5	83.4
0°-90°	5879.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5879.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2275	2275	2275	2275	2275	
5°	2269	2270	2264	2274	2276	216
15°	2189	2190	2185	2195	2195	618
25°	2023	2023	2019	2023	2022	931
35°	1758	1759	1756	1758	1758	1099
45°	1435	1440	1430	1432	1432	1107
55°	1059	1058	1046	1042	1043	942
65°	622	613	590	585	590	620
75°	285	283	274	272	268	308
85°	70	73	73	68	68	83
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2275.3	2275.3	2275.3	2275.3	2275.3
2.5°	2274.5	2275.3	2269.5	2280.3	2281.9
5°	2268.7	2269.5	2263.7	2274.5	2276.1
7.5°	2257.1	2258.0	2253.0	2262.9	2264.6
10°	2239.8	2242.3	2236.5	2245.6	2247.2
12.5°	2218.3	2219.1	2213.4	2224.1	2225.7
15°	2189.4	2190.2	2185.3	2195.2	2195.2
17.5°	2156.4	2157.2	2153.9	2162.2	2161.3
20°	2115.9	2118.4	2114.3	2120.0	2123.3
22.5°	2072.1	2073.0	2068.0	2075.4	2078.7
25°	2022.6	2023.4	2019.3	2023.4	2021.8
27.5°	1964.8	1966.4	1960.6	1964.8	1965.6
30°	1900.3	1904.5	1896.2	1899.5	1900.3
32.5°	1831.0	1833.5	1827.7	1828.5	1832.6
35°	1758.3	1759.1	1755.8	1757.5	1757.5
37.5°	1679.8	1683.1	1678.2	1680.7	1677.4
40°	1602.2	1598.9	1597.2	1598.9	1601.4
42.5°	1520.4	1521.3	1518.8	1517.1	1513.0
45°	1434.6	1439.5	1430.4	1432.1	1432.1
47.5°	1350.3	1351.1	1346.2	1341.2	1337.9
50°	1260.3	1260.3	1254.5	1250.4	1245.4
52.5°	1162.0	1160.4	1153.8	1149.6	1152.1
55°	1058.8	1058.0	1046.4	1042.3	1043.1
57.5°	945.6	947.3	929.9	925.8	925.8
60°	837.4	829.2	809.4	803.6	811.0
62.5°	724.3	714.4	692.9	692.9	698.7
65°	621.9	612.8	590.5	584.7	589.7
67.5°	526.1	517.8	497.2	493.9	495.5
70°	435.2	427.8	415.4	408.0	410.5
72.5°	356.8	350.2	341.9	336.1	332.8
75°	284.9	283.3	274.2	271.7	268.4
77.5°	225.5	224.6	217.2	213.9	210.6
80°	169.3	168.5	166.8	161.9	159.4
82.5°	120.6	120.6	119.8	115.6	113.1
85°	70.2	72.7	72.7	68.5	68.5
87.5°	28.1	29.7	28.1	28.1	27.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)