

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: P738272

Luminaire Tested: **22PT-60-PB1-L835**

Issue Date: 2/8/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P738272  
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-L835  
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND BEVEL LENS

Light Source: -  
Ballast/Driver: -

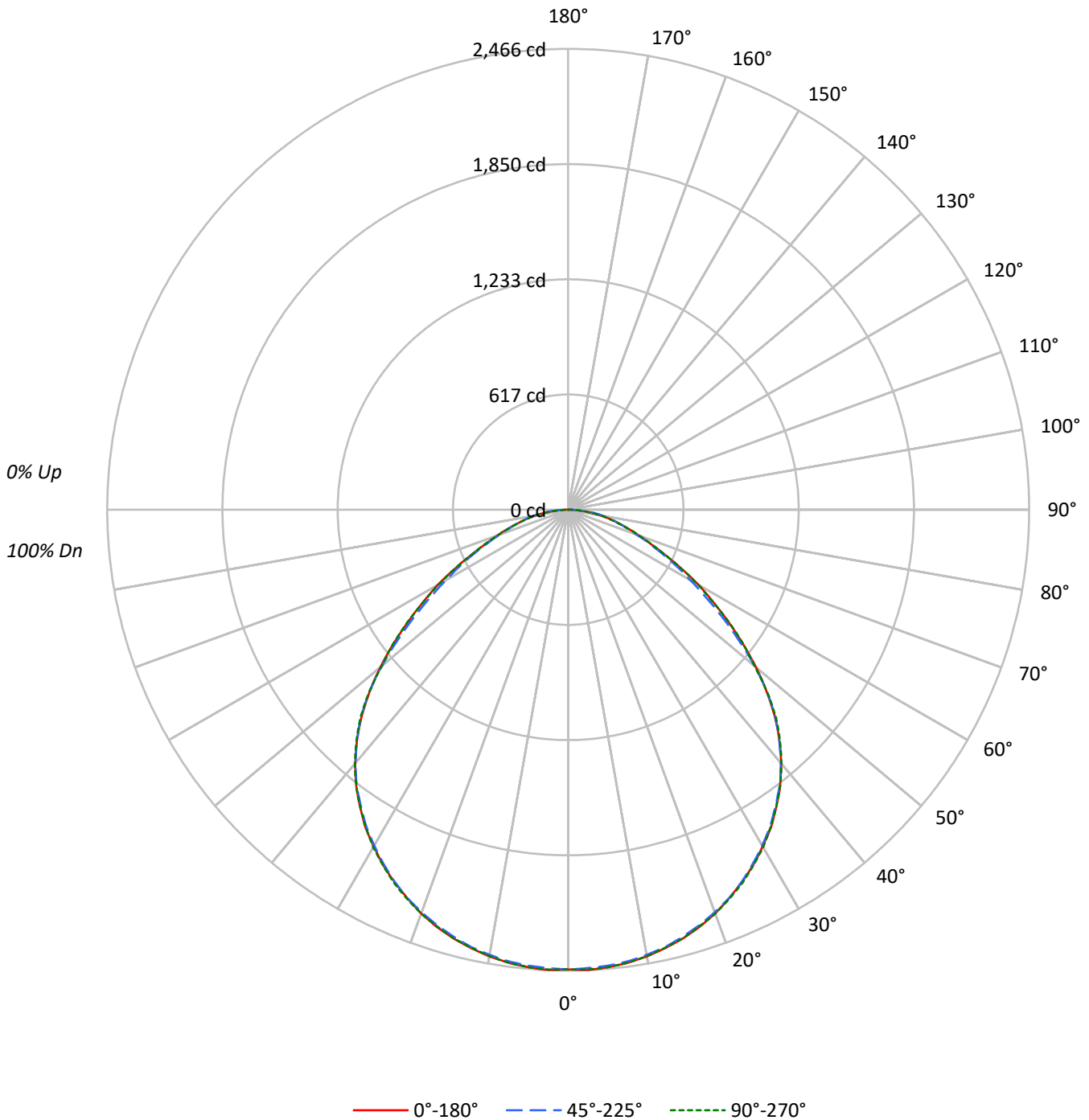
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6202.1 lumens  
Efficiency: N/A  
Efficacy: 119.7 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<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	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					100			
1	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	88	86					86			
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73					73			
3	92	82	74	68	90	81	73	68	78	72	67	75	70	65	72	68	64	62					62			
4	85	73	65	59	82	72	64	58	69	63	57	67	61	57	65	60	56	54					54			
5	78	66	57	51	76	65	57	51	63	55	50	61	54	50	59	53	49	47					47			
6	72	59	51	45	70	59	50	44	57	50	44	55	49	44	54	48	43	41					41			
7	67	54	46	40	65	53	45	40	52	45	39	50	44	39	49	43	39	37					37			
8	63	49	41	36	61	49	41	35	47	40	35	46	40	35	45	39	35	33					33			
9	58	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	30					30			
10	55	42	34	29	54	41	34	29	40	34	29	40	33	29	39	33	29	27					27			

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	7208	7208	7208
5°	7226	7203	7226
10°	7221	7197	7218
15°	7204	7177	7201
20°	7168	7146	7171
25°	7109	7103	7125
30°	7037	7020	7057
35°	6942	6917	6942
40°	6781	6766	6789
45°	6476	6489	6514
50°	5980	5930	5939
55°	5343	5164	5363
60°	4717	4430	4688
65°	3952	3827	3952
70°	3427	3333	3444
75°	3125	3170	3125
80°	2936	3189	2953
85°	2555	3127	2622



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	233.3	3.8
10°-20°	668.9	10.8
20°-30°	1012.9	16.3
30°-40°	1211.4	19.5
40°-50°	1199.4	19.3
50°-60°	922.2	14.9
60°-70°	561.6	9.1
70°-80°	297.3	4.8
80°-90°	95.2	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°	1915.0	30.9
0°-40°	3126.4	50.4
0°-60°	5248.0	84.6
0°-90°	6202.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6202.1	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2460	2460	2460	2460	2460	
5°	2457	2456	2449	2453	2457	234
15°	2375	2371	2366	2371	2374	670
25°	2199	2197	2197	2200	2204	1013
35°	1941	1939	1934	1940	1941	1213
45°	1563	1564	1566	1567	1572	1199
55°	1046	1032	1011	1029	1050	938
65°	570	556	552	551	570	576
75°	276	276	280	278	276	296
85°	76	87	93	88	78	87
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2459.9	2459.9	2459.9	2459.9	2459.9
2.5°	2465.8	2461.8	2454.9	2459.9	2462.8
5°	2456.9	2455.9	2448.9	2452.9	2456.9
7.5°	2445.9	2442.9	2437.9	2441.9	2444.9
10°	2426.9	2424.9	2418.9	2423.9	2425.9
12.5°	2402.9	2400.9	2396.9	2400.9	2399.9
15°	2374.9	2370.9	2365.9	2370.9	2373.9
17.5°	2339.9	2335.9	2331.9	2334.9	2336.9
20°	2298.9	2292.9	2291.9	2295.9	2299.9
22.5°	2249.9	2249.9	2248.9	2251.9	2253.9
25°	2198.9	2196.9	2196.9	2199.9	2203.9
27.5°	2143.9	2139.9	2137.9	2142.9	2145.9
30°	2079.9	2078.9	2074.9	2082.9	2085.9
32.5°	2017.9	2007.9	2009.9	2013.9	2014.9
35°	1940.9	1938.9	1933.9	1939.9	1940.9
37.5°	1862.9	1861.9	1858.9	1860.9	1861.9
40°	1772.9	1771.9	1768.9	1772.9	1774.9
42.5°	1672.9	1670.9	1670.9	1673.9	1676.9
45°	1562.9	1563.9	1565.9	1566.9	1571.9
47.5°	1439.9	1441.9	1443.9	1441.9	1442.9
50°	1311.9	1310.9	1300.9	1307.9	1302.9
52.5°	1176.9	1161.9	1153.9	1169.9	1180.9
55°	1045.9	1031.9	1010.9	1028.9	1049.9
57.5°	919.9	895.9	873.9	894.9	915.9
60°	805.0	768.0	756.0	769.0	800.0
62.5°	682.0	656.0	652.0	654.0	681.0
65°	570.0	556.0	552.0	551.0	570.0
67.5°	478.0	469.0	464.0	468.0	480.0
70°	400.0	396.0	389.0	396.0	402.0
72.5°	336.0	335.0	329.0	335.0	333.0
75°	276.0	276.0	280.0	278.0	276.0
77.5°	225.0	227.0	234.0	228.0	222.0
80°	174.0	179.0	189.0	180.0	175.0
82.5°	124.0	135.0	146.0	135.0	128.0
85°	76.0	87.0	93.0	88.0	78.0
87.5°	33.0	39.0	41.0	38.0	33.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)