

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: P738304

Luminaire Tested: **22PT-60-PR1-L835**

Issue Date: 2/8/2024



**Test Information**

Test Method: LM-79-08  
Report Number: P738304  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P506224)  
Test Lab: INNOVATION CENTER  
Issue Date: 2/8/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: 22PT-60-PR1-L835  
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND RIPPLE LENS

Light Source: -  
Ballast/Driver: -

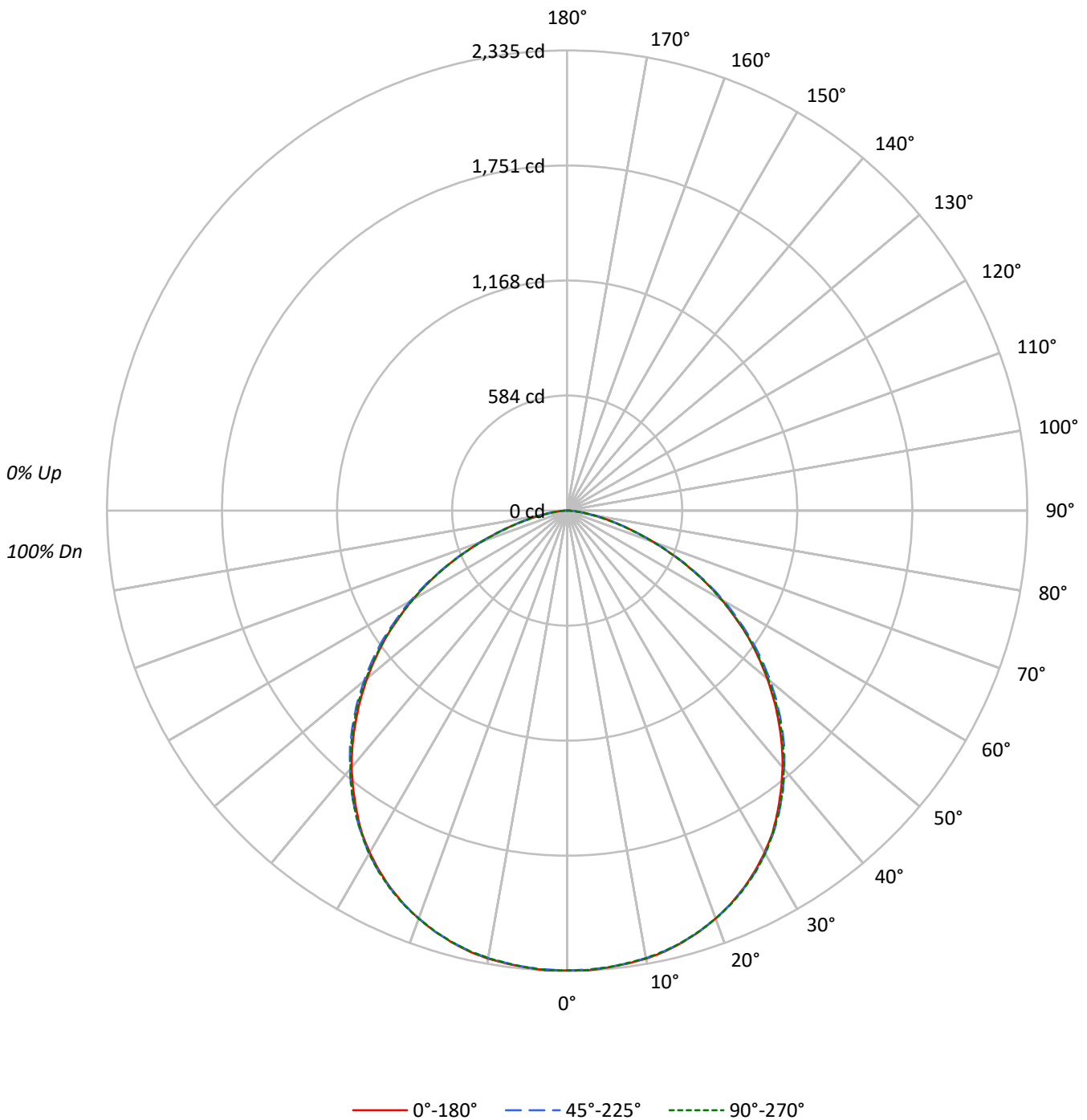
**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 6236.0 lumens  
Efficiency: N/A  
Efficacy: 120.4 lumens/watt  
Spacing Criteria (0/90/45): 1.27 / 1.27 / 1.37  
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	110	105	101	98	107	103	99	96	99	96	93		95	92	90		91	89	88	85
2	100	92	86	80	98	90	85	80	87	82	78		84	80	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	72	64	57	82	71	63	57	69	62	56		66	60	56		64	59	55	53
5	77	65	56	50	75	64	56	49	62	54	49		60	53	48		58	52	48	46
6	71	58	50	43	70	58	49	43	56	48	43		54	48	43		52	47	42	40
7	66	53	44	38	65	52	44	38	51	43	38		49	43	38		48	42	37	36
8	62	48	40	34	60	48	40	34	46	39	34		45	39	34		44	38	34	32
9	58	44	36	31	56	44	36	31	43	36	31		42	35	31		41	35	30	29
10	54	41	33	28	53	41	33	28	40	33	28		39	32	28		38	32	28	26

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

	0°	45°	90°
0°	6838	6838	6838
5°	6848	6843	6843
10°	6870	6860	6860
15°	6878	6871	6873
20°	6868	6866	6871
25°	6839	6846	6852
30°	6777	6798	6801
35°	6663	6700	6696
40°	6507	6552	6544
45°	6294	6375	6342
50°	6039	6131	6081
55°	5732	5823	5740
60°	5313	5387	5295
65°	4741	4790	4735
70°	3989	3989	3962
75°	3126	3126	3091
80°	2288	2263	2251
85°	1493	1493	1523



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	221.4	3.6
10°-20°	639.5	10.3
20°-30°	975.5	15.6
30°-40°	1169.1	18.7
40°-50°	1180.7	18.9
50°-60°	1010.2	16.2
60°-70°	681.3	10.9
70°-80°	300.5	4.8
80°-90°	57.7	0.9
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°	1836.4	29.4
0°-40°	3005.6	48.2
0°-60°	5196.5	83.3
0°-90°	6236.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6236.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2334	2334	2334	2334	2334	
5°	2328	2325	2327	2325	2327	222
15°	2267	2267	2265	2264	2266	640
25°	2116	2118	2118	2118	2119	974
35°	1863	1874	1873	1871	1872	1164
45°	1519	1530	1538	1536	1530	1171
55°	1122	1132	1140	1138	1124	1000
65°	684	689	691	689	683	676
75°	276	277	276	277	273	301
85°	44	44	44	45	45	58
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2333.7	2333.7	2333.7	2333.7	2333.7
2.5°	2335.3	2332.2	2331.3	2330.7	2333.7
5°	2328.2	2325.2	2326.7	2325.2	2326.7
7.5°	2319.7	2316.6	2317.5	2315.7	2317.5
10°	2308.9	2305.6	2305.6	2304.1	2305.6
12.5°	2291.5	2289.3	2288.4	2286.9	2289.3
15°	2267.3	2266.7	2265.1	2264.3	2265.8
17.5°	2237.9	2236.4	2237.9	2235.5	2237.0
20°	2202.7	2203.6	2202.1	2202.7	2203.6
22.5°	2162.9	2162.9	2163.8	2163.8	2165.4
25°	2115.5	2117.7	2117.7	2117.7	2119.4
27.5°	2062.5	2065.6	2067.8	2066.2	2067.8
30°	2003.1	2008.6	2009.3	2008.6	2010.2
32.5°	1939.2	1943.1	1945.3	1943.8	1942.2
35°	1862.7	1873.7	1873.0	1871.2	1872.1
37.5°	1782.4	1793.4	1797.2	1794.1	1795.0
40°	1701.3	1710.8	1713.0	1713.9	1710.8
42.5°	1611.7	1622.6	1631.2	1627.3	1622.6
45°	1518.9	1530.5	1538.5	1536.0	1530.5
47.5°	1423.1	1433.8	1444.8	1440.9	1435.6
50°	1324.8	1335.6	1345.0	1343.5	1334.0
52.5°	1224.1	1236.7	1245.2	1242.1	1229.6
55°	1122.1	1132.2	1139.9	1138.4	1123.7
57.5°	1011.3	1024.5	1028.5	1026.1	1015.3
60°	906.7	915.5	919.2	916.2	903.6
62.5°	795.3	802.3	805.4	804.7	796.2
65°	683.8	689.3	690.9	689.3	683.0
67.5°	569.3	577.0	577.9	577.9	571.5
70°	465.6	467.8	465.6	471.7	462.5
72.5°	364.9	366.4	364.9	364.9	360.9
75°	276.1	276.7	276.1	276.7	273.0
77.5°	199.6	201.1	198.0	200.5	196.5
80°	135.6	135.6	134.1	135.0	133.4
82.5°	84.2	85.7	83.5	83.5	82.6
85°	44.4	44.4	44.4	45.3	45.3
87.5°	15.6	15.6	16.3	16.3	15.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)