

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

Brand: CORELITE

Report Number: P1046770

Luminaire Tested: 22PTR-60-PC3-L835-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046770
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737711)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-60-PC3-L835-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND PARAMID LENS

Light Source:
Ballast/Driver: -

Summary

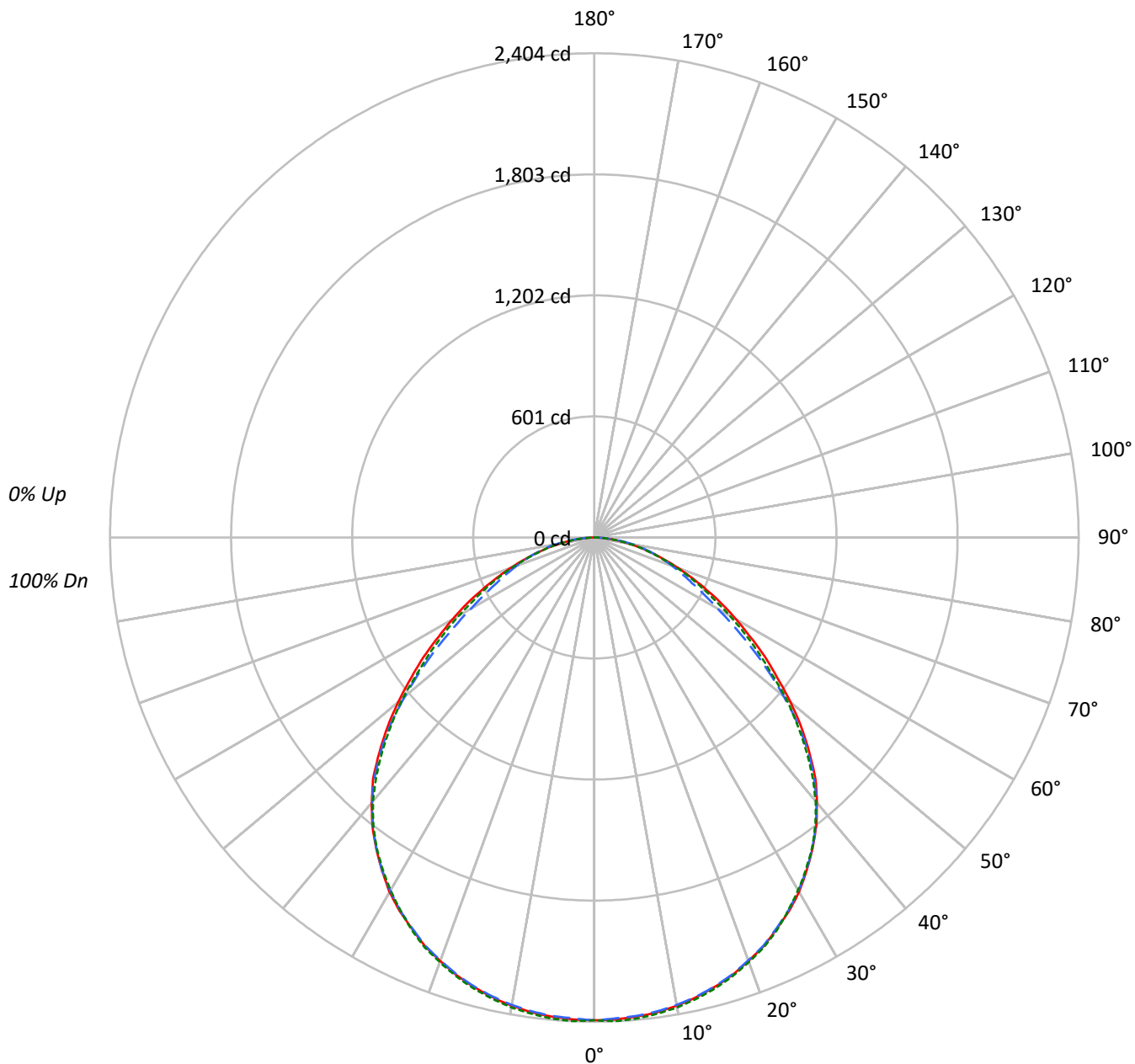
Lumens per Lamp: N/A
Luminaire Lumens: 6043.1 lumens
Efficiency: N/A
Efficacy: 116.2 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 52
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor:
Total Harmonic Distortion (THDi):
Frequency (hertz): 60
Stabilization Time: HR
Operation Time: HR
Ambient Temperature (°C): NR
Test Distance: 24 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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
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	87	85		
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	72		
3	92	82	74	68	90	80	73	68	77	71	66	75	70	65	72	68	64	62		
4	85	73	65	58	82	72	64	58	69	63	57	67	61	56	65	60	56	54		
5	78	66	57	51	76	65	56	50	62	55	50	61	54	49	59	53	49	47		
6	72	59	51	45	70	58	50	44	57	49	44	55	49	44	53	48	43	41		
7	67	54	46	40	65	53	45	39	52	44	39	50	44	39	49	43	39	37		
8	62	49	41	35	61	49	41	35	47	40	35	46	40	35	45	39	35	33		
9	58	45	37	32	57	45	37	32	44	37	32	43	36	32	42	36	31	30		
10	55	42	34	29	54	41	34	29	40	34	29	40	33	29	39	33	29	27		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	Luminous shape not found, reference photometric report, or contact the photometric lab for calculations.		
5°			
10°			
15°			
20°			
25°			
30°			
35°			
40°			
45°			
50°			
55°			
60°			
65°			
70°			
75°			
80°			
85°			

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: -
Vertical Angle: -
Luminance: -

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	227.3	3.8
10°-20°	652.6	10.8
20°-30°	988.0	16.3
30°-40°	1177.9	19.5
40°-50°	1151.0	19.0
50°-60°	880.1	14.6
60°-70°	565.0	9.4
70°-80°	314.4	5.2
80°-90°	86.8	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°	1867.9	30.9
0°-40°	3045.8	50.4
0°-60°	5076.9	84.0
0°-90°	6043.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6043.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2397	2397	2397	2397	2397	
5°	2389	2390	2384	2395	2398	227
15°	2310	2312	2308	2316	2318	652
25°	2143	2146	2140	2147	2148	989
35°	1888	1890	1886	1885	1883	1179
45°	1509	1512	1498	1494	1482	1161
55°	1034	998	950	962	993	924
65°	614	567	534	552	589	612
75°	295	298	300	296	289	315
85°	64	75	76	74	64	79
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2397.0	2397.0	2397.0	2397.0	2397.0
2.5°	2395.4	2396.4	2390.1	2400.4	2403.8
5°	2388.6	2390.1	2384.2	2395.4	2397.9
7.5°	2378.3	2379.9	2373.9	2385.1	2386.1
10°	2361.2	2362.1	2356.8	2368.0	2369.6
12.5°	2338.1	2340.6	2334.7	2345.0	2345.6
15°	2310.4	2312.3	2307.9	2315.7	2318.2
17.5°	2278.0	2278.9	2274.6	2283.0	2283.9
20°	2237.5	2237.5	2234.1	2243.7	2243.7
22.5°	2196.4	2193.9	2193.0	2196.4	2201.7
25°	2143.4	2145.9	2140.0	2146.8	2148.4
27.5°	2092.0	2092.0	2086.7	2090.2	2085.8
30°	2032.8	2029.4	2026.0	2026.6	2022.6
32.5°	1961.5	1961.5	1960.0	1960.0	1954.7
35°	1888.0	1889.6	1886.1	1885.2	1882.7
37.5°	1808.9	1811.7	1805.4	1803.9	1802.0
40°	1718.9	1718.9	1716.4	1712.9	1708.6
42.5°	1625.4	1625.4	1614.5	1605.8	1599.9
45°	1508.9	1512.3	1497.7	1494.3	1482.4
47.5°	1393.0	1390.5	1370.9	1368.4	1361.6
50°	1269.7	1255.0	1227.0	1234.5	1240.7
52.5°	1146.3	1128.2	1087.1	1095.5	1105.8
55°	1033.9	998.0	950.1	961.9	992.7
57.5°	916.4	868.5	820.5	842.9	881.2
60°	812.7	758.8	706.5	730.5	775.0
62.5°	713.3	656.0	614.0	637.0	674.7
65°	614.0	566.6	534.2	552.0	589.0
67.5°	523.0	491.2	469.1	477.5	507.4
70°	440.8	420.8	409.0	411.5	428.6
72.5°	362.6	357.6	353.2	353.2	354.8
75°	295.0	297.5	300.0	295.9	289.1
77.5°	232.4	240.8	247.0	238.3	229.9
80°	170.7	184.4	192.2	182.5	169.8
82.5°	116.5	132.1	134.6	128.6	114.0
85°	64.2	75.4	76.3	73.8	64.2
87.5°	24.0	28.3	30.8	28.3	24.9
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°







(END OF REPORT)