

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: P1046780

Luminaire Tested: 22PTR-60-PC3-L850-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046780
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-L850-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 5000K, 80 CRI LEDS AND PARAMID LENS

Light Source:
Ballast/Driver: -

Summary

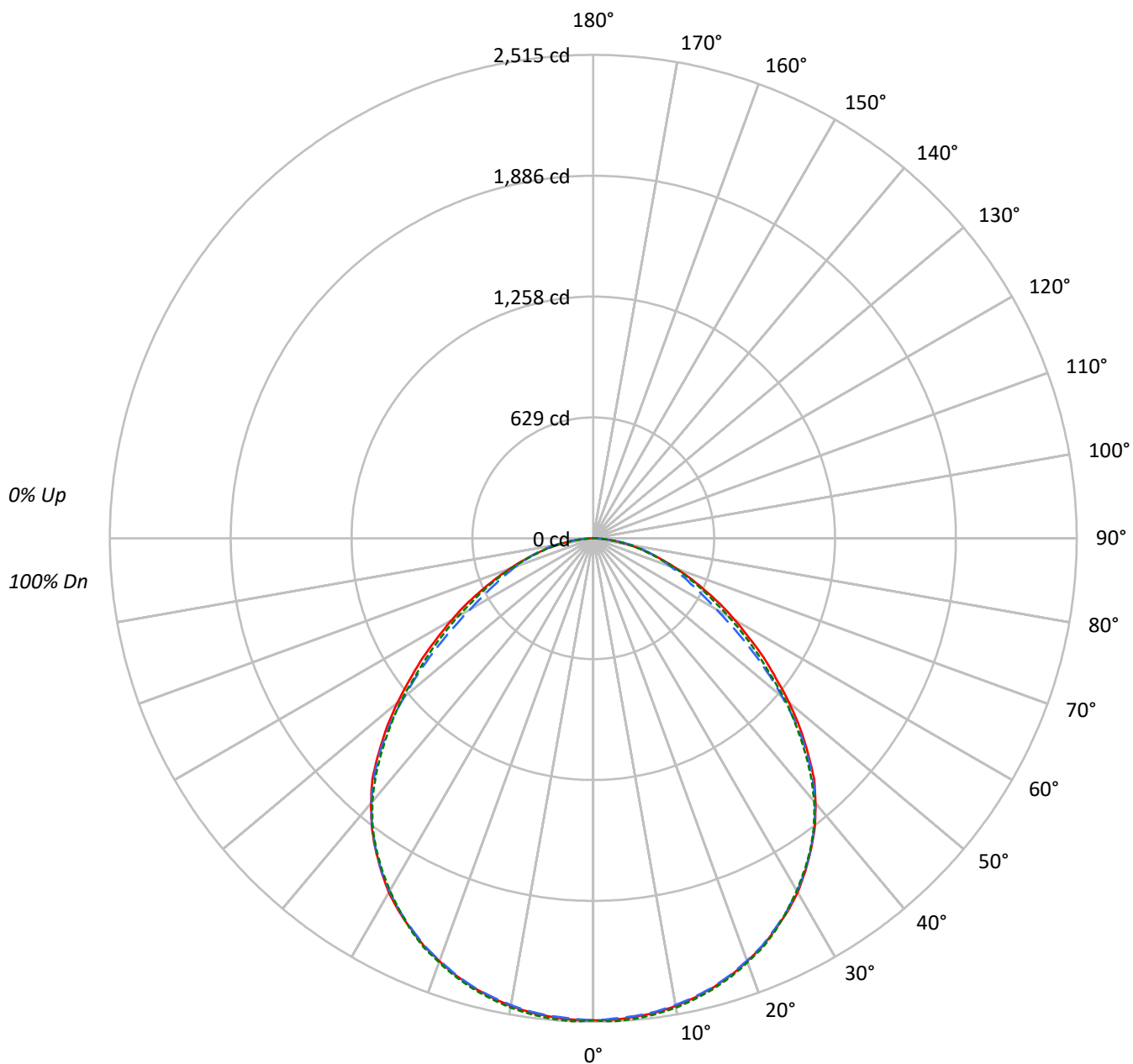
Lumens per Lamp: N/A
Luminaire Lumens: 6323.5 lumens
Efficiency: N/A
Efficacy: 121.6 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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
RCR																					
0	119	119	119	119		116	116	116	116		111	111	111		106	106	106		102	102	102
1	110	105	101	98		107	103	99	96		99	96	93		95	92	90		91	89	87
2	100	93	86	81		98	91	85	80		87	82	78		84	80	76		81	78	75
3	92	82	74	68		90	80	73	68		77	71	66		75	70	65		72	68	64
4	85	73	65	58		82	72	64	58		69	63	57		67	61	56		65	60	56
5	78	66	57	51		76	65	56	50		62	55	50		61	54	49		59	53	49
6	72	59	51	45		70	58	50	44		57	49	44		55	49	44		53	48	43
7	67	54	46	40		65	53	45	39		52	44	39		50	44	39		49	43	39
8	62	49	41	35		61	49	41	35		47	40	35		46	40	35		45	39	35
9	58	45	37	32		57	45	37	32		44	37	32		43	36	32		42	36	31
10	55	42	34	29		54	41	34	29		40	34	29		40	33	29		39	33	29

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°	237.9	3.8
10°-20°	682.8	10.8
20°-30°	1033.8	16.3
30°-40°	1232.6	19.5
40°-50°	1204.4	19.0
50°-60°	920.9	14.6
60°-70°	591.3	9.4
70°-80°	329.0	5.2
80°-90°	90.9	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°	1954.6	30.9
0°-40°	3187.1	50.4
0°-60°	5312.4	84.0
0°-90°	6323.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6323.5	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2508	2508	2508	2508	2508	
5°	2499	2501	2495	2506	2509	238
15°	2418	2420	2415	2423	2426	682
25°	2243	2246	2239	2246	2248	1034
35°	1976	1977	1974	1973	1970	1234
45°	1579	1582	1567	1564	1551	1215
55°	1082	1044	994	1006	1039	967
65°	642	593	559	578	616	641
75°	309	311	314	310	302	330
85°	67	79	80	77	67	83
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2508.2	2508.2	2508.2	2508.2	2508.2
2.5°	2506.5	2507.5	2501.0	2511.8	2515.3
5°	2499.4	2501.0	2494.8	2506.5	2509.2
7.5°	2488.6	2490.2	2484.1	2495.8	2496.8
10°	2470.7	2471.7	2466.1	2477.9	2479.5
12.5°	2446.6	2449.2	2443.0	2453.7	2454.4
15°	2417.6	2419.5	2415.0	2423.1	2425.7
17.5°	2383.7	2384.6	2380.1	2388.9	2389.9
20°	2341.3	2341.3	2337.7	2347.8	2347.8
22.5°	2298.3	2295.7	2294.7	2298.3	2303.8
25°	2242.9	2245.5	2239.3	2246.4	2248.1
27.5°	2189.1	2189.1	2183.5	2187.1	2182.6
30°	2127.1	2123.6	2120.0	2120.6	2116.4
32.5°	2052.5	2052.5	2050.9	2050.9	2045.3
35°	1975.6	1977.2	1973.6	1972.6	1970.0
37.5°	1892.8	1895.7	1889.2	1887.6	1885.6
40°	1798.6	1798.6	1796.0	1792.4	1787.8
42.5°	1700.8	1700.8	1689.4	1680.3	1674.1
45°	1578.9	1582.5	1567.2	1563.6	1551.2
47.5°	1457.6	1455.0	1434.5	1431.9	1424.7
50°	1328.6	1313.2	1283.9	1291.7	1298.3
52.5°	1199.5	1180.6	1137.6	1146.4	1157.1
55°	1081.8	1044.3	994.1	1006.5	1038.8
57.5°	958.9	908.7	858.5	882.0	922.1
60°	850.4	794.0	739.3	764.3	811.0
62.5°	746.4	686.4	642.4	666.6	706.0
65°	642.4	592.9	559.0	577.6	616.4
67.5°	547.3	514.0	490.9	499.7	531.0
70°	461.2	440.4	428.0	430.6	448.5
72.5°	379.4	374.2	369.6	369.6	371.3
75°	308.7	311.3	313.9	309.7	302.5
77.5°	243.2	252.0	258.5	249.4	240.6
80°	178.6	193.0	201.1	191.0	177.6
82.5°	121.9	138.2	140.8	134.6	119.3
85°	67.1	78.9	79.9	77.2	67.1
87.5°	25.1	29.7	32.3	29.7	26.1
90°	0.0	0.0	0.0	0.0	0.0



Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269

Scaled Data Report





— 0°-180° - - 45°-225° - - - 90°-270°







(END OF REPORT)