

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: P1046933

Luminaire Tested: 22PTR-60-PR1-L830-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046933
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737735)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-60-PR1-L830-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 80 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

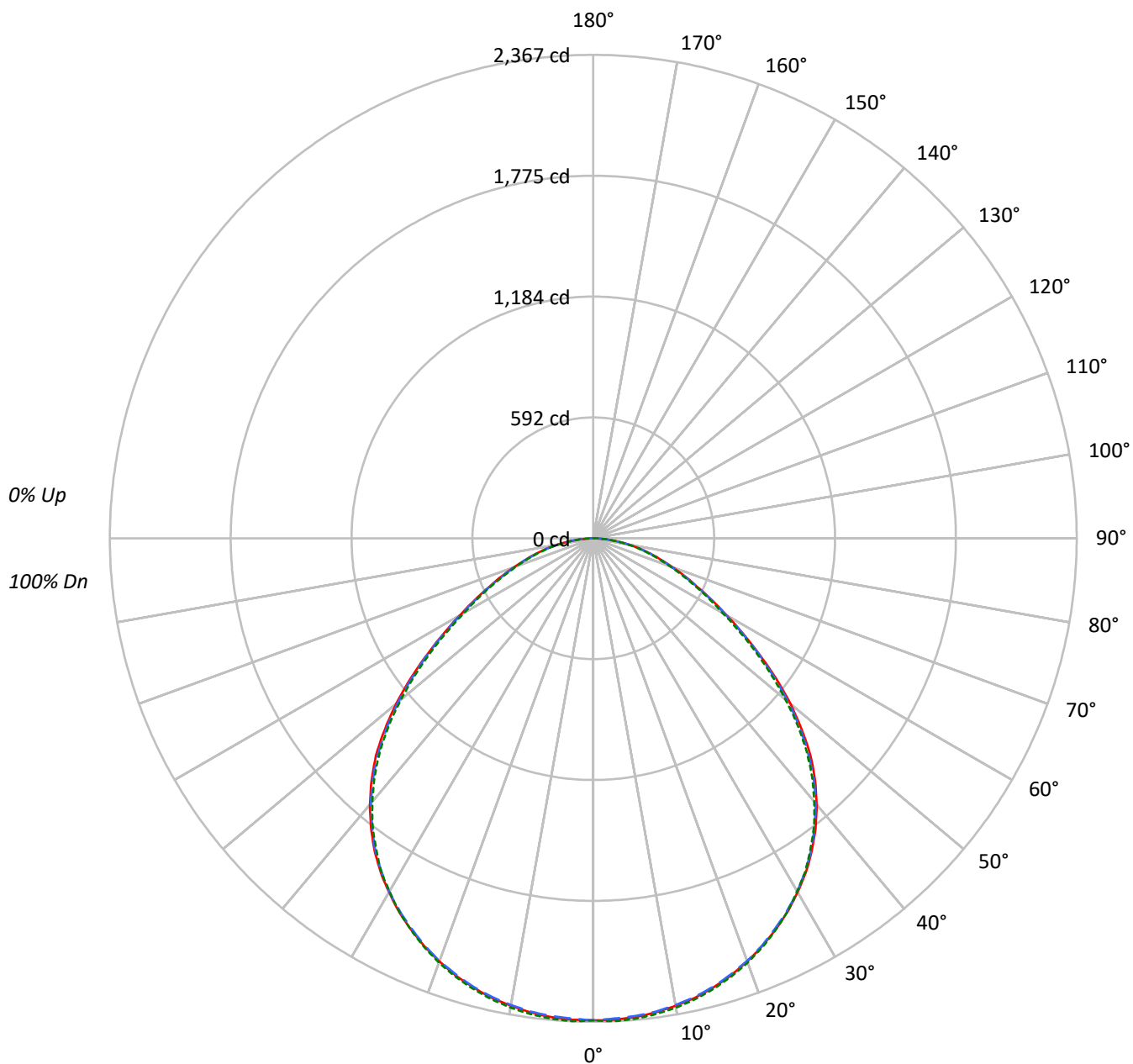
Lumens per Lamp: N/A
Luminaire Lumens: 5969.4 lumens
Efficiency: N/A
Efficacy: 114.8 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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	88	85		
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	73		
3	92	82	74	68	90	80	73	68	78	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	45	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	39	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°	223.9	3.8
10°-20°	642.7	10.8
20°-30°	973.6	16.3
30°-40°	1162.2	19.5
40°-50°	1143.0	19.1
50°-60°	883.4	14.8
60°-70°	557.0	9.3
70°-80°	301.3	5.0
80°-90°	82.3	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°	1840.1	30.8
0°-40°	3002.3	50.3
0°-60°	5028.7	84.2
0°-90°	5969.4	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5969.4	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2360	2360	2360	2360	2360	
5°	2354	2354	2348	2358	2361	224
15°	2276	2276	2272	2280	2283	642
25°	2113	2114	2107	2114	2115	974
35°	1866	1867	1862	1860	1854	1165
45°	1505	1499	1488	1476	1477	1152
55°	994	1002	990	974	970	892
65°	561	562	558	548	546	564
75°	289	285	282	283	277	307
85°	70	71	70	70	67	83
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2360.4	2360.4	2360.4	2360.4	2360.4
2.5°	2359.5	2360.4	2353.6	2364.7	2367.1
5°	2353.6	2354.5	2348.4	2358.5	2361.3
7.5°	2341.6	2343.5	2337.6	2347.8	2350.2
10°	2324.7	2326.6	2320.7	2330.9	2333.3
12.5°	2303.8	2304.4	2299.5	2308.7	2311.2
15°	2275.9	2276.5	2272.5	2279.8	2283.2
17.5°	2243.6	2244.5	2238.7	2247.9	2249.4
20°	2204.8	2205.5	2202.1	2209.8	2210.7
22.5°	2161.5	2163.4	2158.1	2164.9	2165.8
25°	2112.6	2114.2	2107.4	2114.2	2115.1
27.5°	2061.0	2061.6	2055.8	2061.0	2060.1
30°	2000.7	2006.0	1998.3	1996.4	1995.8
32.5°	1938.3	1939.0	1931.6	1929.7	1933.1
35°	1866.4	1867.0	1862.1	1859.7	1854.4
37.5°	1787.7	1787.7	1778.2	1776.7	1775.7
40°	1701.4	1700.4	1694.6	1688.8	1682.6
42.5°	1607.3	1609.1	1597.2	1587.0	1585.5
45°	1504.9	1499.1	1488.0	1476.4	1477.3
47.5°	1384.1	1385.7	1370.6	1361.1	1358.6
50°	1258.7	1258.7	1244.6	1234.4	1229.2
52.5°	1127.8	1128.7	1115.2	1101.7	1098.9
55°	994.1	1002.4	989.8	973.8	970.4
57.5°	869.0	875.7	863.7	846.8	845.9
60°	753.1	753.7	750.3	734.3	730.0
62.5°	654.1	649.8	648.0	639.7	634.4
65°	561.0	561.9	557.6	548.1	546.5
67.5°	485.7	484.7	477.1	471.2	467.8
70°	411.9	409.4	406.1	401.1	397.8
72.5°	346.1	346.1	343.3	341.8	336.0
75°	288.6	285.3	281.9	283.4	276.6
77.5°	233.6	230.2	227.5	224.1	222.5
80°	176.7	173.4	174.3	169.1	168.4
82.5°	122.6	122.6	121.1	116.8	117.7
85°	70.1	71.0	69.5	70.1	66.7
87.5°	25.5	26.1	28.0	26.1	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)