

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: P1046807

Luminaire Tested: 22PTR-60-PL1-L830-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046807
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737719)
Test Lab: INNOVATION CENTER
Issue Date: 7/10/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 22PTR-60-PL1-L830-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3000K, 80 CRI LEDS AND LEAVES LENS

Light Source:
Ballast/Driver: -

Summary

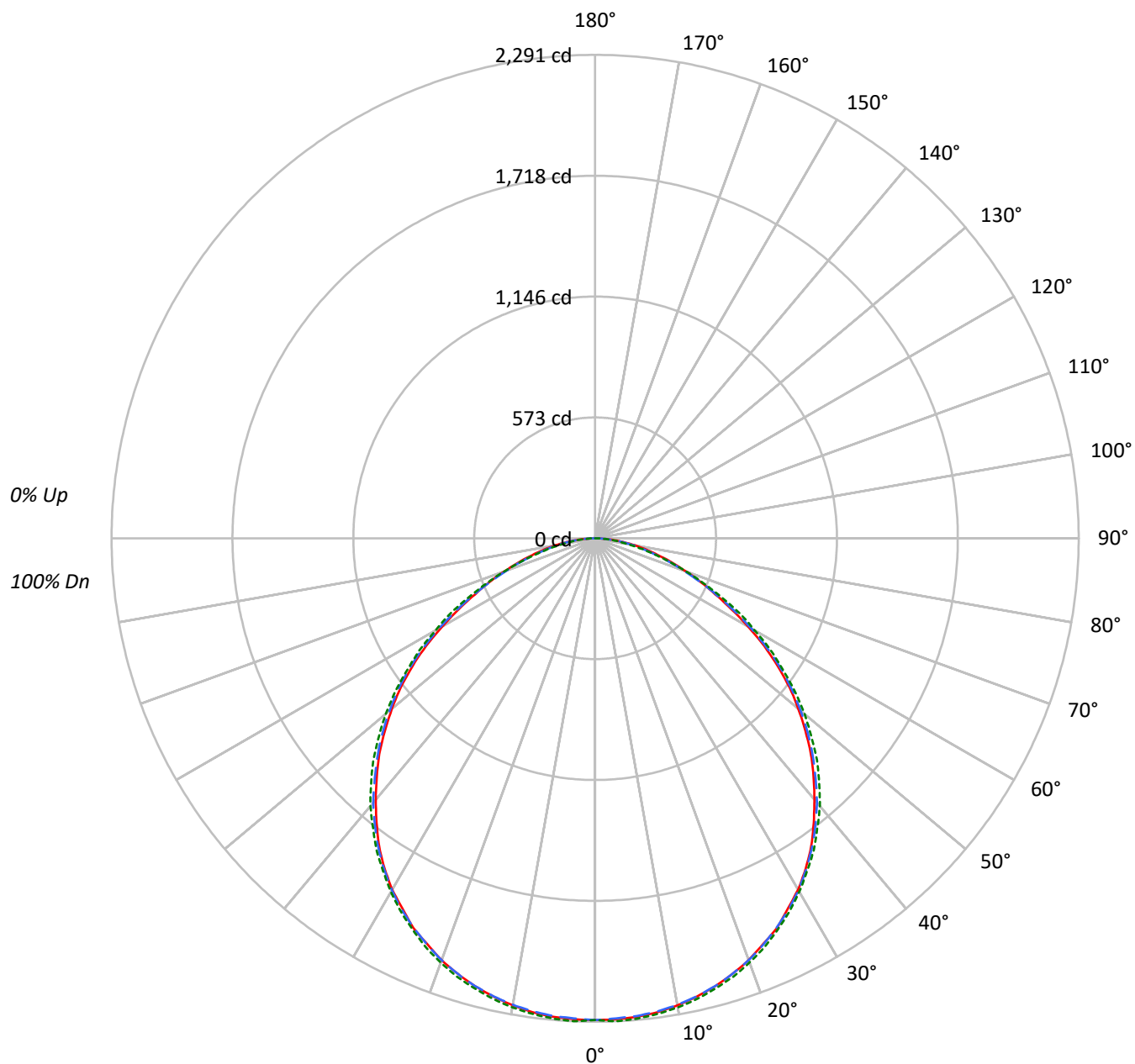
Lumens per Lamp: N/A
Luminaire Lumens: 6018.9 lumens
Efficiency: N/A
Efficacy: 115.7 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.35
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

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	109	105	101	97	107	103	99	96	98	95	93	94	92	90	91	89	87	85		
2	100	92	86	80	97	90	84	79	87	82	77	83	79	75	80	77	74	72		
3	91	81	73	67	89	80	72	66	77	70	65	74	69	64	71	67	63	61		
4	84	72	64	57	82	71	63	57	68	61	56	66	60	55	64	59	55	52		
5	77	65	56	49	75	64	55	49	61	54	49	60	53	48	58	52	48	46		
6	71	58	50	43	69	57	49	43	56	48	43	54	47	42	52	47	42	40		
7	66	53	44	38	65	52	44	38	51	43	38	49	43	38	48	42	37	35		
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	30	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°	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°	216.6	3.6
10°-20°	621.2	10.3
20°-30°	939.7	15.6
30°-40°	1120.0	18.6
40°-50°	1126.3	18.7
50°-60°	955.9	15.9
60°-70°	636.4	10.6
70°-80°	317.8	5.3
80°-90°	85.0	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°	1777.5	29.5
0°-40°	2897.5	48.1
0°-60°	4979.6	82.7
0°-90°	6018.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6018.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2283	2283	2283	2283	2283	
5°	2277	2277	2272	2282	2285	216
15°	2198	2200	2197	2206	2208	620
25°	2038	2038	2035	2045	2046	937
35°	1784	1786	1791	1804	1805	1113
45°	1446	1448	1458	1477	1486	1112
55°	1056	1063	1073	1083	1085	941
65°	627	632	634	643	659	628
75°	310	305	292	285	286	332
85°	80	79	73	69	63	93
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2283.4	2283.4	2283.4	2283.4	2283.4
2.5°	2281.5	2283.4	2277.2	2288.3	2291.1
5°	2276.6	2277.2	2272.3	2282.4	2284.9
7.5°	2265.5	2266.5	2261.2	2272.3	2273.8
10°	2247.7	2249.6	2245.2	2255.4	2257.9
12.5°	2225.0	2227.4	2223.1	2234.2	2236.0
15°	2197.9	2200.4	2197.0	2206.2	2208.1
17.5°	2164.7	2166.6	2164.7	2173.3	2178.2
20°	2127.5	2127.5	2127.5	2135.2	2139.5
22.5°	2081.1	2085.4	2083.6	2093.7	2098.0
25°	2038.1	2038.1	2035.3	2044.8	2046.4
27.5°	1977.8	1984.6	1984.0	1992.3	1994.1
30°	1922.8	1924.6	1925.6	1931.4	1934.8
32.5°	1856.1	1857.6	1860.4	1868.7	1869.6
35°	1784.1	1786.0	1790.9	1803.5	1805.4
37.5°	1700.5	1709.8	1714.1	1727.6	1729.1
40°	1616.6	1622.5	1635.4	1649.5	1656.3
42.5°	1531.2	1537.9	1545.6	1565.0	1571.1
45°	1445.7	1448.2	1457.7	1477.1	1485.7
47.5°	1351.0	1358.7	1367.0	1383.9	1389.1
50°	1256.3	1264.6	1269.9	1284.9	1295.1
52.5°	1160.7	1168.4	1174.3	1183.5	1193.6
55°	1055.9	1063.3	1072.8	1083.0	1085.4
57.5°	949.3	957.6	963.7	974.5	985.5
60°	834.9	844.4	852.7	862.9	873.9
62.5°	728.5	732.5	741.1	758.0	774.0
65°	626.8	632.0	633.6	643.1	659.1
67.5°	542.3	542.3	534.6	537.9	555.8
70°	453.4	450.0	444.2	440.8	455.3
72.5°	381.5	377.2	364.6	358.7	366.4
75°	309.6	305.2	291.7	285.0	285.9
77.5°	248.7	241.9	230.9	219.2	216.7
80°	188.7	186.0	175.2	164.2	155.5
82.5°	133.7	127.9	121.7	115.0	108.2
85°	80.2	78.7	72.9	68.6	62.7
87.5°	32.9	32.9	31.4	29.5	28.0
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)