

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: P1046817

Luminaire Tested: 22PTR-60-PL1-L840-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046817
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-L840-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 4000K, 80 CRI LEDS AND LEAVES LENS

Light Source:
Ballast/Driver: -

Summary

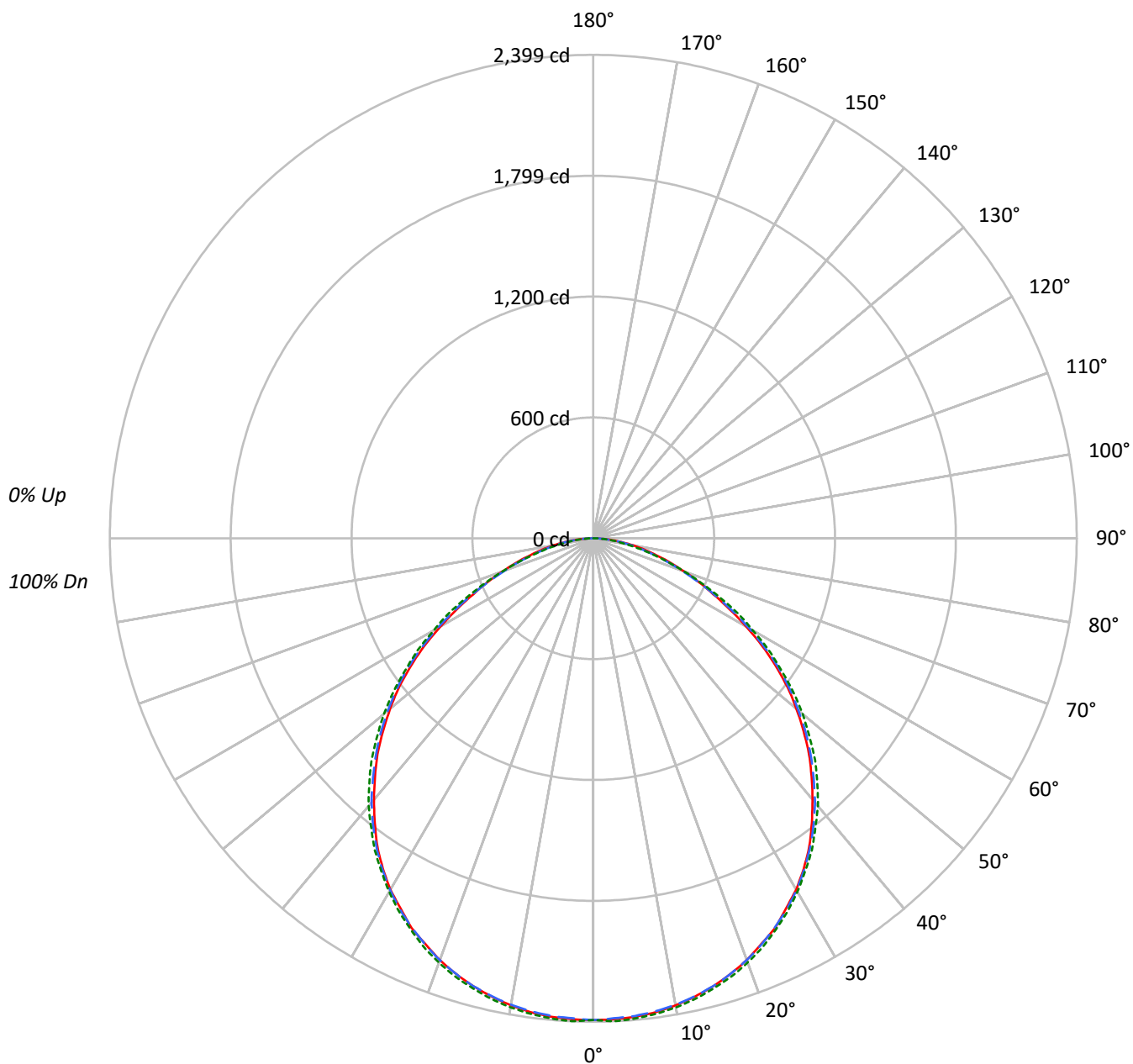
Lumens per Lamp: N/A
Luminaire Lumens: 6302.1 lumens
Efficiency: N/A
Efficacy: 121.2 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.26 / 1.35
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 52
Input Voltage (V): 120
Input Current (A_{in}): 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°	226.8	3.6
10°-20°	650.4	10.3
20°-30°	983.9	15.6
30°-40°	1172.7	18.6
40°-50°	1179.3	18.7
50°-60°	1000.8	15.9
60°-70°	666.4	10.6
70°-80°	332.7	5.3
80°-90°	89.0	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°	1861.1	29.5
0°-40°	3033.8	48.1
0°-60°	5213.9	82.7
0°-90°	6302.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6302.1	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2391	2391	2391	2391	2391	
5°	2384	2384	2379	2390	2392	227
15°	2301	2304	2300	2310	2312	649
25°	2134	2134	2131	2141	2143	981
35°	1868	1870	1875	1888	1890	1165
45°	1514	1516	1526	1547	1556	1165
55°	1106	1113	1123	1134	1136	985
65°	656	662	663	673	690	658
75°	324	320	306	298	299	348
85°	84	82	76	72	66	97
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2390.8	2390.8	2390.8	2390.8	2390.8
2.5°	2388.9	2390.8	2384.4	2396.0	2398.9
5°	2383.7	2384.4	2379.2	2389.9	2392.4
7.5°	2372.2	2373.1	2367.6	2379.2	2380.8
10°	2353.5	2355.4	2350.9	2361.5	2364.1
12.5°	2329.7	2332.2	2327.7	2339.3	2341.3
15°	2301.3	2303.9	2300.4	2310.0	2312.0
17.5°	2266.6	2268.5	2266.6	2275.6	2280.7
20°	2227.6	2227.6	2227.6	2235.7	2240.2
22.5°	2179.0	2183.5	2181.6	2192.2	2196.7
25°	2134.0	2134.0	2131.1	2141.1	2142.7
27.5°	2070.9	2078.0	2077.3	2086.0	2087.9
30°	2013.3	2015.2	2016.2	2022.3	2025.8
32.5°	1943.4	1945.0	1947.9	1956.6	1957.6
35°	1868.1	1870.0	1875.2	1888.4	1890.3
37.5°	1780.6	1790.2	1794.7	1808.9	1810.5
40°	1692.7	1698.8	1712.3	1727.1	1734.2
42.5°	1603.2	1610.3	1618.3	1638.6	1645.1
45°	1513.7	1516.3	1526.3	1546.6	1555.6
47.5°	1414.6	1422.6	1431.3	1449.0	1454.5
50°	1315.5	1324.2	1329.6	1345.4	1356.0
52.5°	1215.4	1223.4	1229.5	1239.2	1249.8
55°	1105.6	1113.3	1123.3	1133.9	1136.5
57.5°	993.9	1002.6	1009.0	1020.3	1031.9
60°	874.2	884.2	892.9	903.5	915.1
62.5°	762.8	767.0	776.0	793.7	810.5
65°	656.3	661.8	663.4	673.3	690.1
67.5°	567.8	567.8	559.7	563.3	581.9
70°	474.8	471.2	465.1	461.6	476.7
72.5°	399.4	394.9	381.7	375.6	383.7
75°	324.1	319.6	305.5	298.4	299.3
77.5°	260.4	253.3	241.7	229.5	226.9
80°	197.6	194.7	183.5	171.9	162.9
82.5°	140.0	133.9	127.5	120.4	113.3
85°	84.0	82.4	76.3	71.8	65.7
87.5°	34.4	34.4	32.8	30.9	29.3
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°







(END OF REPORT)