

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: P1046938

Luminaire Tested: 22PTR-60-PR1-L835-UNV-STD-W

Issue Date: 7/10/2025

Test Information

Test Method: LM-79-2019
Report Number: P1046938
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-L835-UNV-STD-W
Description: 6000 LUMEN 2X2 PERCEIVE PT TROFFER WITH 3500K, 80 CRI LEDS AND RIPPLE LENS

Light Source:
Ballast/Driver: -

Summary

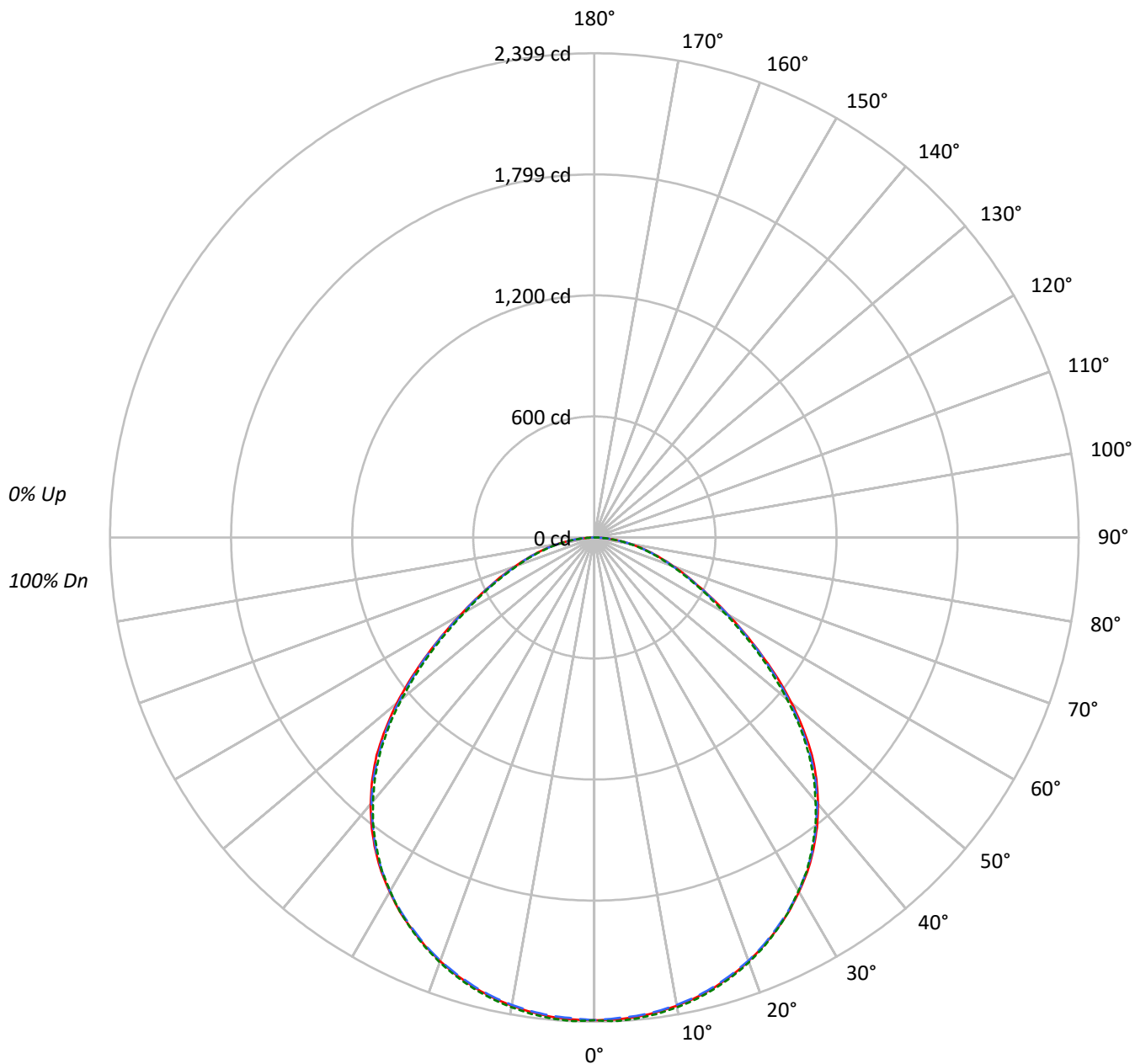
Lumens per Lamp: N/A
Luminaire Lumens: 6048.9 lumens
Efficiency: N/A
Efficacy: 116.3 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.26 / 1.34
Luminous Opening: (L: 2 ' x W: 0 ' x H: 2 '
CIE Type: Direct

Input Watts (W): 52
Input Voltage (V): 120
Input Current (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	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°	226.9	3.8
10°-20°	651.2	10.8
20°-30°	986.6	16.3
30°-40°	1177.7	19.5
40°-50°	1158.2	19.1
50°-60°	895.2	14.8
60°-70°	564.5	9.3
70°-80°	305.3	5.0
80°-90°	83.4	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°	1864.6	30.8
0°-40°	3042.4	50.3
0°-60°	5095.7	84.2
0°-90°	6048.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6048.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2392	2392	2392	2392	2392	
5°	2385	2386	2380	2390	2393	227
15°	2306	2307	2303	2310	2314	651
25°	2141	2142	2136	2142	2143	987
35°	1891	1892	1887	1884	1879	1181
45°	1525	1519	1508	1496	1497	1168
55°	1007	1016	1003	987	983	904
65°	568	569	565	555	554	572
75°	292	289	286	287	280	311
85°	71	72	70	71	68	85
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2391.8	2391.8	2391.8	2391.8	2391.8
2.5°	2390.9	2391.8	2385.0	2396.2	2398.7
5°	2385.0	2385.9	2379.7	2390.0	2392.8
7.5°	2372.8	2374.7	2368.8	2379.1	2381.6
10°	2355.7	2357.6	2351.7	2361.9	2364.4
12.5°	2334.5	2335.1	2330.2	2339.5	2342.0
15°	2306.2	2306.8	2302.8	2310.2	2313.7
17.5°	2273.5	2274.4	2268.5	2277.8	2279.4
20°	2234.2	2234.8	2231.4	2239.2	2240.1
22.5°	2190.3	2192.2	2186.9	2193.7	2194.7
25°	2140.8	2142.3	2135.5	2142.3	2143.3
27.5°	2088.5	2089.1	2083.2	2088.5	2087.5
30°	2027.4	2032.7	2024.9	2023.0	2022.4
32.5°	1964.2	1964.8	1957.3	1955.5	1958.9
35°	1891.3	1891.9	1886.9	1884.4	1879.1
37.5°	1811.6	1811.6	1801.9	1800.3	1799.4
40°	1724.0	1723.1	1717.2	1711.3	1705.0
42.5°	1628.7	1630.6	1618.4	1608.2	1606.6
45°	1525.0	1519.1	1507.9	1496.0	1497.0
47.5°	1402.6	1404.1	1388.9	1379.2	1376.7
50°	1275.5	1275.5	1261.2	1250.9	1245.6
52.5°	1142.8	1143.7	1130.0	1116.3	1113.5
55°	1007.3	1015.7	1003.0	986.8	983.3
57.5°	880.5	887.4	875.3	858.1	857.2
60°	763.1	763.7	760.3	744.1	739.8
62.5°	662.8	658.5	656.6	648.2	642.9
65°	568.4	569.4	565.0	555.4	553.8
67.5°	492.1	491.2	483.4	477.5	474.1
70°	417.4	414.9	411.5	406.5	403.1
72.5°	350.7	350.7	347.9	346.4	340.4
75°	292.5	289.1	285.6	287.2	280.3
77.5°	236.7	233.3	230.5	227.1	225.5
80°	179.1	175.7	176.6	171.3	170.7
82.5°	124.3	124.3	122.7	118.4	119.3
85°	71.0	72.0	70.4	71.0	67.6
87.5°	25.9	26.5	28.3	26.5	26.5
90°	0.0	0.0	0.0	0.0	0.0







— 0°-180° - - 45°-225° - - - 90°-270°







(END OF REPORT)