

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: P1050680

Luminaire Tested: 24PTR-60-PC3-L935-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050680
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P737711)
Test Lab: INNOVATION CENTER
Issue Date: 7/11/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 24PTR-60-PC3-L935-UNV-STD-W
Description: 6000 LUMEN 2X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PARAMID LENS

Light Source:
Ballast/Driver: -

Summary

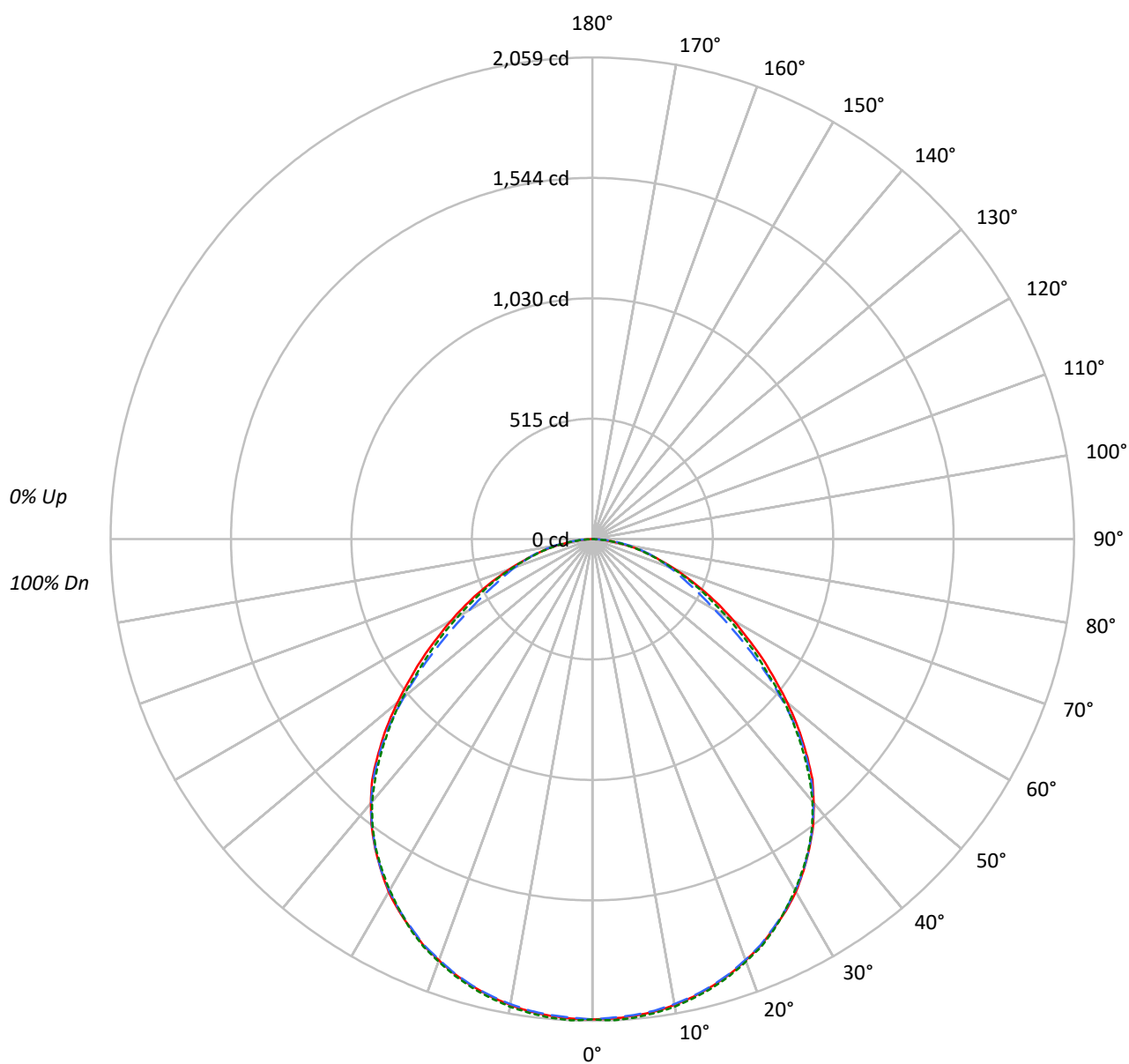
Lumens per Lamp: N/A
Luminaire Lumens: 5175.9 lumens
Efficiency: N/A
Efficacy: 101.5 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: Rectangular (W 2' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 51
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	87	85		
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	81	78	75	72		
3	92	82	74	68	90	80	73	68	77	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	46	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	40	33	29	39	33	29	27		

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2762	2762	2762
5°	2763	2758	2774
10°	2763	2758	2773
15°	2756	2753	2766
20°	2744	2740	2752
25°	2725	2721	2732
30°	2705	2696	2691
35°	2656	2654	2649
40°	2586	2582	2570
45°	2459	2441	2416
50°	2276	2200	2224
55°	2077	1909	1995
60°	1873	1628	1786
65°	1674	1457	1606
70°	1485	1378	1444
75°	1314	1336	1287
80°	1133	1275	1127
85°	849	1010	849

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 2465 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	194.7	3.8
10°-20°	558.9	10.8
20°-30°	846.2	16.3
30°-40°	1008.9	19.5
40°-50°	985.8	19.0
50°-60°	753.8	14.6
60°-70°	484.0	9.4
70°-80°	269.2	5.2
80°-90°	74.4	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°	1599.9	30.9
0°-40°	2608.8	50.4
0°-60°	4348.3	84.0
0°-90°	5175.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5175.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2053	2053	2053	2053	2053	
5°	2046	2047	2042	2052	2054	195
15°	1979	1980	1977	1983	1986	558
25°	1836	1838	1833	1839	1840	847
35°	1617	1618	1616	1615	1612	1010
45°	1292	1295	1283	1280	1270	994
55°	886	855	814	824	850	792
65°	526	485	458	473	504	524
75°	253	255	257	254	248	270
85°	55	65	65	63	55	68
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2053.0	2053.0	2053.0	2053.0	2053.0
2.5°	2051.7	2052.5	2047.1	2056.0	2058.9
5°	2045.8	2047.1	2042.1	2051.7	2053.8
7.5°	2037.0	2038.3	2033.3	2042.9	2043.7
10°	2022.3	2023.1	2018.6	2028.2	2029.5
12.5°	2002.6	2004.7	1999.7	2008.5	2009.0
15°	1978.8	1980.4	1976.7	1983.4	1985.5
17.5°	1951.1	1951.9	1948.2	1955.4	1956.2
20°	1916.4	1916.4	1913.5	1921.8	1921.8
22.5°	1881.2	1879.1	1878.3	1881.2	1885.7
25°	1835.8	1838.0	1832.9	1838.8	1840.1
27.5°	1791.8	1791.8	1787.3	1790.2	1786.5
30°	1741.1	1738.2	1735.3	1735.8	1732.3
32.5°	1680.0	1680.0	1678.7	1678.7	1674.2
35°	1617.1	1618.4	1615.5	1614.7	1612.5
37.5°	1549.3	1551.7	1546.4	1545.0	1543.4
40°	1472.2	1472.2	1470.1	1467.1	1463.4
42.5°	1392.2	1392.2	1382.8	1375.3	1370.3
45°	1292.4	1295.3	1282.8	1279.8	1269.7
47.5°	1193.1	1191.0	1174.2	1172.0	1166.2
50°	1087.5	1074.9	1050.9	1057.3	1062.7
52.5°	981.8	966.3	931.1	938.3	947.1
55°	885.5	854.8	813.7	823.9	850.3
57.5°	784.9	743.8	702.7	722.0	754.8
60°	696.1	649.9	605.1	625.6	663.8
62.5°	611.0	561.9	525.9	545.6	577.9
65°	525.9	485.3	457.6	472.8	504.5
67.5°	448.0	420.7	401.8	409.0	434.6
70°	377.5	360.4	350.3	352.4	367.1
72.5°	310.6	306.3	302.5	302.5	303.9
75°	252.7	254.8	256.9	253.5	247.6
77.5°	199.0	206.2	211.6	204.1	196.9
80°	146.2	157.9	164.6	156.3	145.4
82.5°	99.8	113.1	115.3	110.2	97.6
85°	55.0	64.6	65.4	63.2	55.0
87.5°	20.5	24.3	26.4	24.3	21.3
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)