

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: P1192912

Luminaire Tested: 24PT-60-PB1-L950

Issue Date: 10/2/2025

Test Information

Test Method: LM-79-2019
Report Number: P1192912
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-2202-549-7)
Test Lab: INNOVATION CENTER
Issue Date: 10/2/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 24PT-60-PB1-L950
Description: 6000 LUMEN 2X4 PERCEIVE PT TROFFER WITH 5000K, 90 CRI LEDS AND BEVEL LENS
Light Source: -
Ballast/Driver: -

Summary

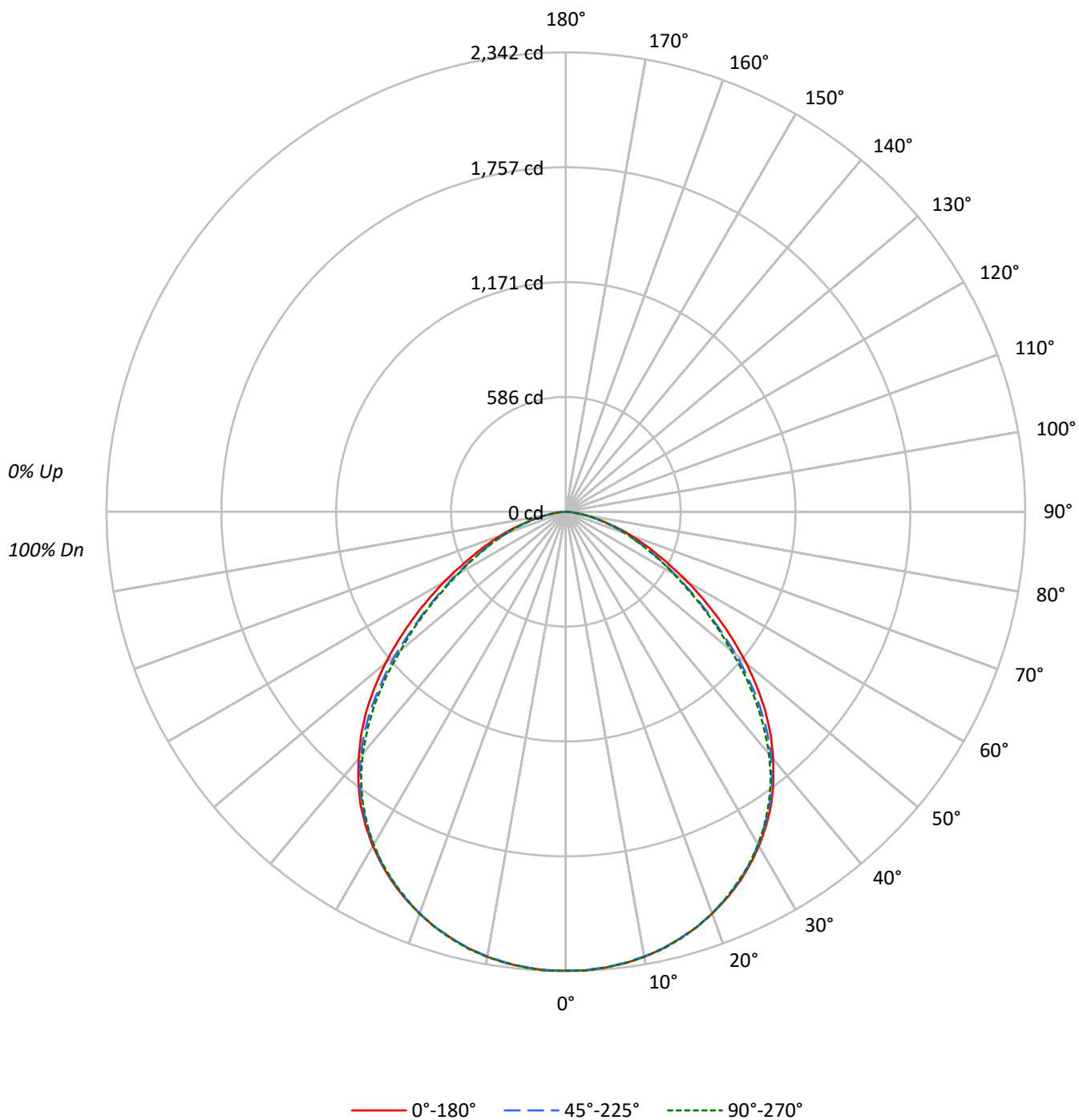
Lumens per Lamp: N/A
Luminaire Lumens: 5556.0 lumens
Efficiency: N/A
Efficacy: 108.9 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.24 / 1.32
Luminous Opening: Rectangular (W 1.92' x L: 3.92' x H: 0')
CIE Type: Direct

Input Watts (W): 51
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
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
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	110	106	102	99	108	104	100	97	100	97	94		96	93	91		92
2	101	94	88	83	99	92	86	82	88	84	80		85	81	78		82
3	93	83	76	70	91	82	75	69	79	73	68		76	71	67		74
4	86	75	66	60	83	73	66	60	71	64	59		69	63	58		66
5	79	67	59	53	77	66	58	52	64	57	52		62	56	51		60
6	73	61	52	46	71	60	52	46	58	51	46		56	50	45		55
7	68	55	47	41	66	55	47	41	53	46	41		52	45	40		50
8	64	51	43	37	62	50	42	37	49	42	37		47	41	36		46
9	59	47	39	33	58	46	38	33	45	38	33		44	38	33		43
10	56	43	35	30	55	43	35	30	42	35	30		41	34	30		40

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	3346	3346	3346
5°	3348	3346	3348
10°	3346	3343	3347
15°	3333	3333	3337
20°	3318	3316	3318
25°	3294	3287	3282
30°	3251	3238	3235
35°	3186	3166	3153
40°	3068	3038	3007
45°	2908	2822	2773
50°	2667	2518	2446
55°	2373	2162	2130
60°	2056	1848	1816
65°	1734	1584	1565
70°	1472	1356	1364
75°	1156	1105	1115
80°	843	827	835
85°	514	545	545

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2908 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	221.6	4.0
10°-20°	635.5	11.4
20°-30°	959.3	17.3
30°-40°	1131.2	20.4
40°-50°	1074.8	19.3
50°-60°	793.1	14.3
60°-70°	478.7	8.6
70°-80°	219.1	3.9
80°-90°	42.8	0.8
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°	1816.4	32.7
0°-40°	2947.6	53.1
0°-60°	4815.4	86.7
0°-90°	5556.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	5556.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2340	2340	2340	2340	2340	
5°	2332	2333	2331	2329	2332	222
15°	2251	2252	2251	2250	2254	636
25°	2087	2086	2083	2079	2080	961
35°	1825	1822	1814	1806	1806	1137
45°	1438	1428	1395	1376	1371	1104
55°	952	913	867	847	854	852
65°	512	496	468	459	463	515
75°	209	206	200	197	202	228
85°	31	32	33	32	33	42
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2339.8	2339.8	2339.8	2339.8	2339.8
2.5°	2339.8	2339.8	2337.9	2336.1	2341.6
5°	2332.4	2333.3	2330.6	2328.7	2332.4
7.5°	2321.3	2321.3	2318.6	2316.7	2320.4
10°	2303.8	2303.8	2302.0	2301.1	2304.7
12.5°	2280.8	2281.7	2279.9	2278.9	2283.6
15°	2251.3	2252.2	2251.3	2250.4	2254.1
17.5°	2220.0	2220.9	2219.0	2216.3	2220.0
20°	2180.3	2182.2	2178.5	2176.7	2180.3
22.5°	2136.1	2138.0	2134.3	2132.4	2132.4
25°	2087.3	2086.3	2082.7	2079.0	2079.9
27.5°	2030.1	2031.1	2025.5	2021.8	2024.6
30°	1968.4	1969.3	1961.0	1958.3	1959.2
32.5°	1899.3	1898.4	1891.0	1886.4	1886.4
35°	1824.6	1821.9	1813.6	1806.2	1806.2
37.5°	1738.0	1736.2	1726.9	1717.7	1715.0
40°	1643.1	1641.2	1627.4	1615.4	1610.8
42.5°	1545.4	1539.9	1517.8	1499.3	1494.7
45°	1437.6	1427.5	1395.2	1375.8	1371.2
47.5°	1321.5	1308.6	1264.3	1242.2	1240.4
50°	1198.9	1175.9	1131.6	1103.1	1099.4
52.5°	1075.4	1042.3	991.6	970.4	975.9
55°	951.9	913.2	867.2	846.9	854.3
57.5°	832.1	791.6	752.0	731.7	736.3
60°	718.8	683.8	646.0	629.4	634.9
62.5°	607.3	585.2	552.9	538.2	545.5
65°	512.4	495.8	468.1	458.9	462.6
67.5°	429.4	416.5	392.6	385.2	390.7
70°	352.0	342.8	324.4	321.6	326.2
72.5°	278.3	272.8	262.6	258.0	260.8
75°	209.2	205.5	200.0	197.2	201.8
77.5°	151.1	148.4	146.5	146.5	147.4
80°	102.3	101.4	100.4	99.5	101.4
82.5°	62.7	62.7	62.7	62.7	63.6
85°	31.3	32.3	33.2	32.3	33.2
87.5°	10.1	11.1	12.0	12.0	12.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)