

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: P1050681

Luminaire Tested: 24PTR-72-PC3-L935-UNV-STD-W

Issue Date: 7/11/2025

Test Information

Test Method: LM-79-2019
Report Number: P1050681
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-72-PC3-L935-UNV-STD-W
Description: 7200 LUMEN 2X4 PERCEIVE PT TROFFER WITH 3500K, 90 CRI LEDS AND PARAMID LENS

Light Source:
Ballast/Driver: -

Summary

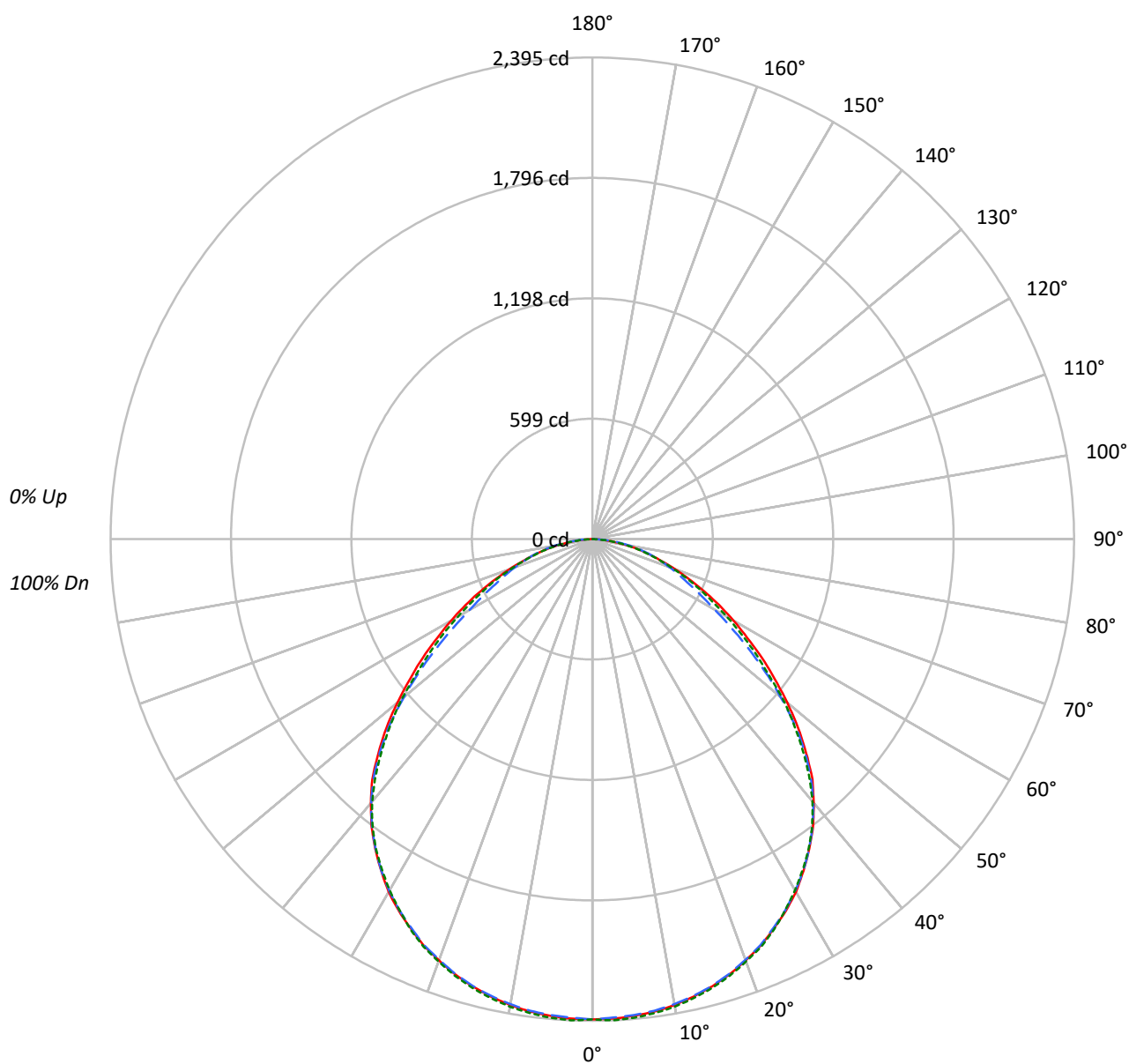
Lumens per Lamp: N/A
Luminaire Lumens: 6020.8 lumens
Efficiency: N/A
Efficacy: 100.3 lumens/watt
Spacing Criteria (0/90/45): 1.26 / 1.25 / 1.34
Luminous Opening: Rectangular (W 2' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 60
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°	3213	3213	3213
5°	3214	3208	3227
10°	3214	3208	3225
15°	3206	3203	3217
20°	3192	3187	3201
25°	3170	3165	3178
30°	3147	3136	3131
35°	3090	3087	3081
40°	3008	3003	2990
45°	2860	2839	2810
50°	2648	2559	2587
55°	2416	2221	2320
60°	2179	1894	2078
65°	1947	1694	1869
70°	1727	1603	1680
75°	1528	1554	1497
80°	1318	1484	1310
85°	986	1173	986

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 22.5°

Vertical Angle: 45°

Luminance: 2867 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	226.5	3.8
10°-20°	650.2	10.8
20°-30°	984.3	16.3
30°-40°	1173.6	19.5
40°-50°	1146.7	19.0
50°-60°	876.8	14.6
60°-70°	563.0	9.4
70°-80°	313.2	5.2
80°-90°	86.5	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°	1861.0	30.9
0°-40°	3034.6	50.4
0°-60°	5058.1	84.0
0°-90°	6020.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6020.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2388	2388	2388	2388	2388	
5°	2380	2381	2375	2387	2389	226
15°	2302	2304	2299	2307	2310	650
25°	2136	2138	2132	2139	2140	985
35°	1881	1883	1879	1878	1876	1175
45°	1503	1507	1492	1489	1477	1157
55°	1030	994	947	958	989	921
65°	612	564	532	550	587	610
75°	294	296	299	295	288	314
85°	64	75	76	74	64	79
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2388.1	2388.1	2388.1	2388.1	2388.1
2.5°	2386.6	2387.5	2381.3	2391.5	2395.0
5°	2379.8	2381.3	2375.4	2386.6	2389.1
7.5°	2369.5	2371.1	2365.2	2376.3	2377.3
10°	2352.4	2353.4	2348.1	2359.3	2360.8
12.5°	2329.5	2332.0	2326.1	2336.3	2336.9
15°	2301.9	2303.7	2299.4	2307.1	2309.6
17.5°	2269.6	2270.5	2266.2	2274.5	2275.5
20°	2229.2	2229.2	2225.8	2235.4	2235.4
22.5°	2188.3	2185.8	2184.9	2188.3	2193.5
25°	2135.5	2138.0	2132.1	2138.9	2140.5
27.5°	2084.3	2084.3	2079.0	2082.4	2078.1
30°	2025.3	2021.9	2018.5	2019.1	2015.1
32.5°	1954.3	1954.3	1952.7	1952.7	1947.4
35°	1881.0	1882.6	1879.2	1878.2	1875.7
37.5°	1802.2	1805.0	1798.8	1797.2	1795.4
40°	1712.5	1712.5	1710.0	1706.6	1702.3
42.5°	1619.4	1619.4	1608.5	1599.8	1594.0
45°	1503.3	1506.7	1492.2	1488.7	1476.9
47.5°	1387.9	1385.4	1365.8	1363.4	1356.5
50°	1265.0	1250.4	1222.5	1229.9	1236.1
52.5°	1142.1	1124.1	1083.1	1091.5	1101.7
55°	1030.0	994.4	946.6	958.4	989.1
57.5°	913.0	865.3	817.5	839.8	878.0
60°	809.7	756.0	703.9	727.8	772.1
62.5°	710.7	653.6	611.7	634.7	672.2
65°	611.7	564.5	532.2	549.9	586.9
67.5°	521.1	489.4	467.4	475.8	505.6
70°	439.1	419.3	407.5	410.0	427.0
72.5°	361.2	356.3	351.9	351.9	353.5
75°	293.9	296.4	298.9	294.8	288.0
77.5°	231.5	239.9	246.1	237.4	229.0
80°	170.1	183.7	191.5	181.9	169.1
82.5°	116.1	131.6	134.1	128.2	113.6
85°	63.9	75.1	76.0	73.6	63.9
87.5°	23.9	28.2	30.7	28.2	24.8
90°	0.0	0.0	0.0	0.0	0.0



— 0°-180° - - 45°-225° 90°-270°

(END OF REPORT)