

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: P#

Luminaire Tested: 14D3X-LP-30-L930.ies

Issue Date: 2/27/2025

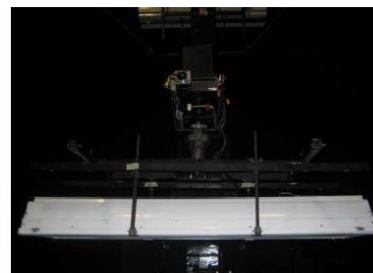
Test Information

Test Method: LM-79-2019
Report Number: P#
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P601206)
Test Lab: INNOVATION CENTER
Issue Date: 2/27/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: 14D3X-LP-30-L930.ies
Description: 1x4 D3X-LP AT 3000lm 3000K 90CRI
Light Source: -
Ballast/Driver: -

Summary

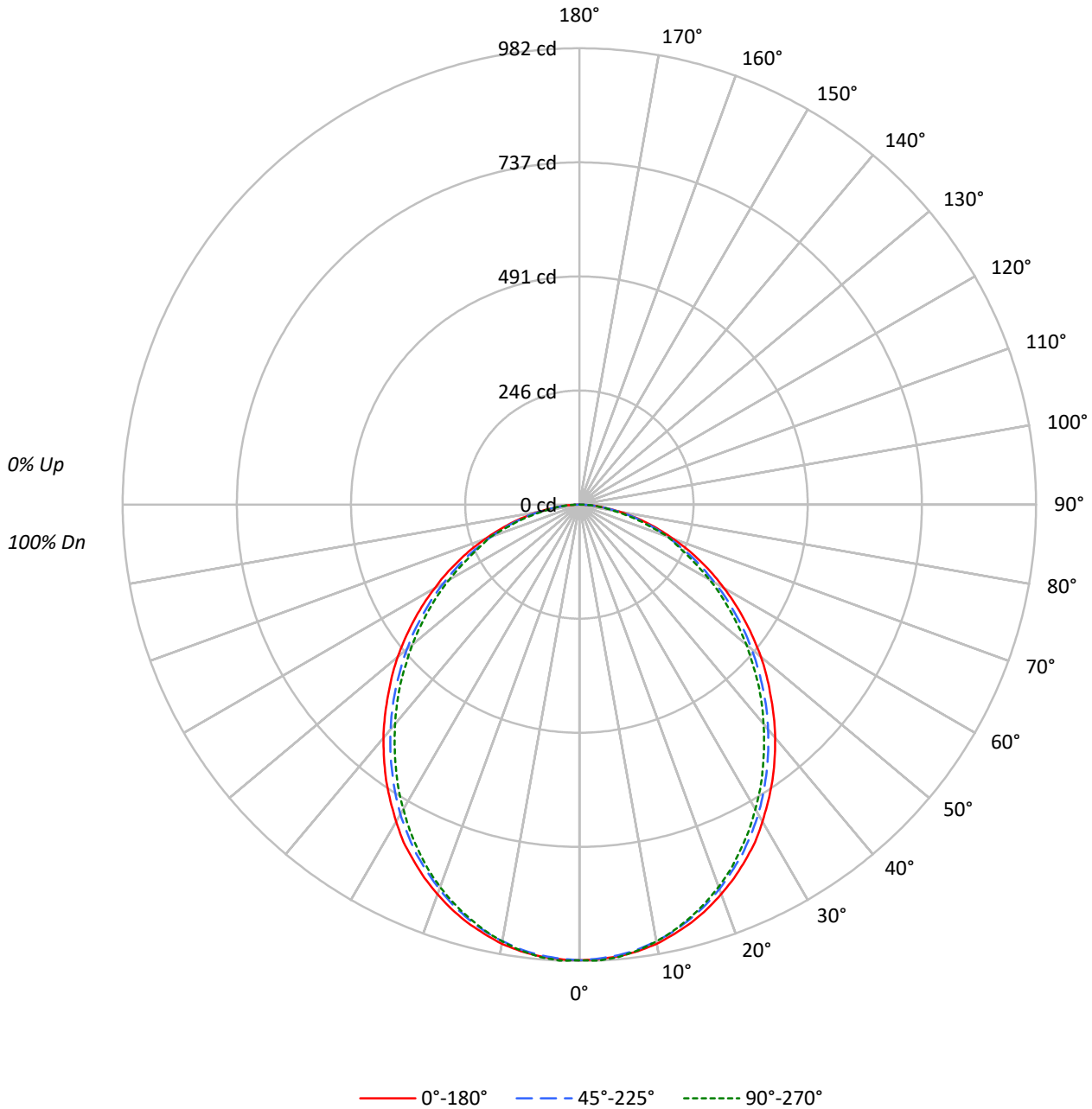
Lumens per Lamp: N/A
Luminaire Lumens: 2435.0 lumens
Efficiency: N/A
Efficacy: 76.6 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.16 / 1.28
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 31.8
Input Voltage (V): 120
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	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	100	97	106	102	98	95	98	95	92	94	92	89	91	88	87	85
2	100	92	85	79	97	90	84	78	86	81	77	83	79	75	80	76	73	71
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	66	63	60
4	84	72	63	57	81	71	63	56	68	61	56	66	60	55	64	58	54	52
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45
6	71	58	49	43	69	57	49	43	56	48	43	54	47	42	52	46	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	45	36	31	56	44	36	31	43	36	31	42	35	31	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°	2639	2639	2639
5°	2635	2629	2639
10°	2622	2607	2609
15°	2593	2571	2563
20°	2554	2521	2507
25°	2507	2463	2435
30°	2447	2391	2351
35°	2379	2306	2261
40°	2302	2218	2165
45°	2214	2124	2069
50°	2134	2025	1962
55°	2037	1918	1851
60°	1929	1809	1740
65°	1820	1701	1623
70°	1682	1586	1603
75°	1549	1460	1385
80°	1350	1294	1161
85°	1133	1068	1068

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 2214 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.5	3.8
10°-20°	260.5	10.7
20°-30°	382.3	15.7
30°-40°	440.4	18.1
40°-50°	432.3	17.8
50°-60°	368.6	15.1
60°-70°	266.6	10.9
70°-80°	149.9	6.2
80°-90°	41.9	1.7
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°	735.4	30.2
0°-40°	1175.7	48.3
0°-60°	1976.6	81.2
0°-90°	2435.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2435.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	981	981	981	981	981	
5°	976	976	973	976	977	93
15°	931	930	923	922	920	262
25°	844	838	829	823	820	389
35°	724	716	702	693	688	452
45°	582	574	558	547	544	450
55°	434	425	409	399	394	388
65°	286	278	267	257	255	284
75°	149	146	140	135	133	158
85°	37	38	35	35	35	42
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	980.6	980.6	980.6	980.6	980.6
2.5°	979.1	979.9	977.7	981.3	982.0
5°	975.5	976.3	973.4	976.3	977.0
7.5°	969.1	969.1	965.5	967.6	967.6
10°	959.7	958.3	953.9	954.7	954.7
12.5°	946.0	946.0	940.3	940.3	938.8
15°	930.9	929.5	923.0	921.5	920.1
17.5°	912.9	910.7	903.5	900.7	899.2
20°	892.0	888.4	880.5	876.9	875.5
22.5°	869.7	864.7	855.3	851.0	849.5
25°	844.5	838.0	829.4	822.9	820.0
27.5°	818.6	812.1	799.9	792.7	789.8
30°	787.6	781.1	769.6	761.0	756.7
32.5°	756.0	750.2	736.5	727.2	724.3
35°	724.3	715.6	702.0	692.6	688.3
37.5°	689.7	682.5	667.4	657.3	652.3
40°	655.2	648.0	631.4	620.6	616.3
42.5°	619.2	609.8	595.4	583.9	580.3
45°	581.7	574.5	558.0	547.2	543.6
47.5°	546.4	535.6	520.5	509.7	504.7
50°	509.7	499.6	483.8	472.3	468.7
52.5°	471.6	462.9	447.1	435.6	431.3
55°	434.1	424.8	408.9	398.9	394.5
57.5°	396.7	388.1	373.7	362.1	359.3
60°	358.5	350.6	336.2	326.9	323.3
62.5°	323.3	313.9	300.9	291.6	288.0
65°	285.8	277.9	267.1	257.0	254.9
67.5°	251.3	245.5	231.8	224.6	225.3
70°	213.8	213.8	201.6	194.4	203.7
72.5°	180.7	181.4	170.6	166.3	162.7
75°	149.0	146.2	140.4	134.6	133.2
77.5°	117.4	118.8	113.8	103.0	101.5
80°	87.1	95.0	83.5	76.3	74.9
82.5°	59.8	67.7	57.6	54.0	53.3
85°	36.7	38.2	34.6	34.6	34.6
87.5°	15.8	18.0	17.3	17.3	18.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)