

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-WD-35-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-WD-35-L930.ies
Description: 1x4 D3X-LP ROUND PERF AT 3500lm 3000K 90CRI
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2520.9 lumens
Efficiency: N/A
Efficacy: 66.7 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

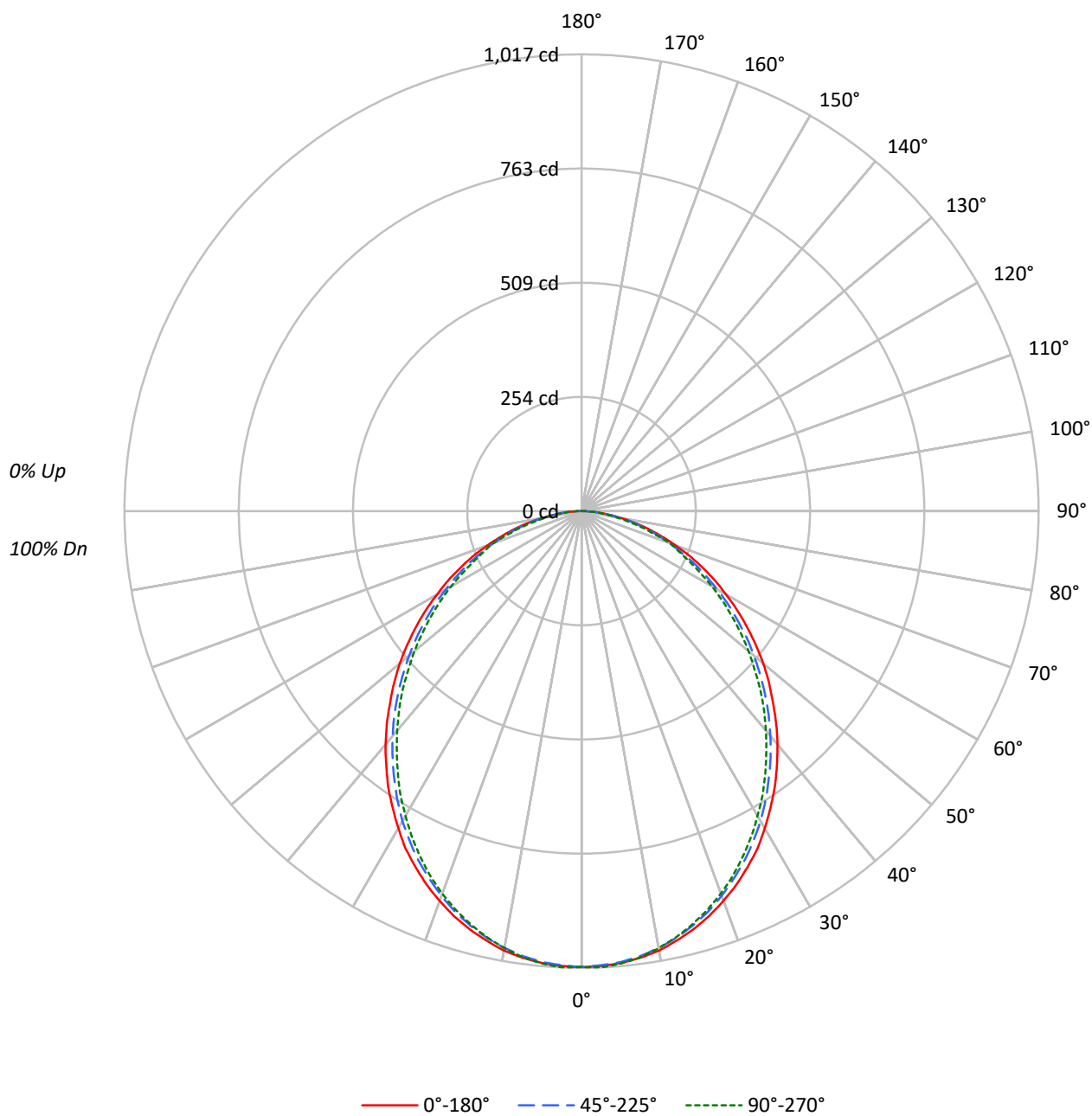
Input Watts (W): 37.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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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	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°	2732	2732	2732
5°	2728	2722	2732
10°	2715	2699	2701
15°	2685	2662	2654
20°	2645	2611	2595
25°	2596	2549	2521
30°	2534	2476	2434
35°	2463	2387	2341
40°	2383	2296	2241
45°	2292	2198	2141
50°	2209	2097	2031
55°	2108	1986	1917
60°	1998	1873	1801
65°	1884	1761	1680
70°	1742	1642	1659
75°	1604	1511	1434
80°	1398	1340	1201
85°	1173	1105	1105

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2292 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	95.8	3.8
10°-20°	269.7	10.7
20°-30°	395.8	15.7
30°-40°	455.9	18.1
40°-50°	447.5	17.8
50°-60°	381.6	15.1
60°-70°	276.0	10.9
70°-80°	155.2	6.2
80°-90°	43.4	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°	761.3	30.2
0°-40°	1217.2	48.3
0°-60°	2046.3	81.2
0°-90°	2520.9	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2520.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1015	1015	1015	1015	1015	
5°	1010	1011	1008	1011	1011	96
15°	964	962	956	954	953	272
25°	874	868	859	852	849	403
35°	750	741	727	717	713	468
45°	602	595	578	566	563	465
55°	449	440	423	413	408	402
65°	296	288	276	266	264	294
75°	154	151	145	139	138	163
85°	38	40	36	36	36	44
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1015.2	1015.2	1015.2	1015.2	1015.2
2.5°	1013.7	1014.4	1012.2	1015.9	1016.7
5°	1010.0	1010.7	1007.7	1010.7	1011.4
7.5°	1003.2	1003.2	999.5	1001.8	1001.8
10°	993.6	992.1	987.6	988.3	988.3
12.5°	979.4	979.4	973.4	973.4	971.9
15°	963.7	962.2	955.5	954.0	952.6
17.5°	945.1	942.9	935.4	932.4	930.9
20°	923.5	919.8	911.6	907.8	906.3
22.5°	900.4	895.2	885.5	881.0	879.5
25°	874.3	867.6	858.6	851.9	849.0
27.5°	847.5	840.8	828.1	820.6	817.7
30°	815.4	808.7	796.8	787.8	783.4
32.5°	782.6	776.7	762.5	752.8	749.8
35°	749.8	740.9	726.7	717.0	712.6
37.5°	714.0	706.6	690.9	680.5	675.3
40°	678.3	670.8	653.7	642.5	638.0
42.5°	641.0	631.3	616.4	604.5	600.8
45°	602.2	594.8	577.6	566.5	562.7
47.5°	565.7	554.5	538.9	527.7	522.5
50°	527.7	517.3	500.9	489.0	485.2
52.5°	488.2	479.3	462.9	450.9	446.5
55°	449.4	439.8	423.4	412.9	408.5
57.5°	410.7	401.7	386.8	374.9	371.9
60°	371.2	363.0	348.1	338.4	334.7
62.5°	334.7	325.0	311.6	301.9	298.1
65°	295.9	287.7	276.5	266.1	263.9
67.5°	260.1	254.2	240.0	232.5	233.3
70°	221.4	221.4	208.7	201.2	210.9
72.5°	187.1	187.8	176.6	172.2	168.4
75°	154.3	151.3	145.3	139.4	137.9
77.5°	121.5	123.0	117.8	106.6	105.1
80°	90.2	98.4	86.5	79.0	77.5
82.5°	61.9	70.1	59.6	55.9	55.2
85°	38.0	39.5	35.8	35.8	35.8
87.5°	16.4	18.6	17.9	17.9	18.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)