

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-L935.ies

Issue Date: 2/27/2025

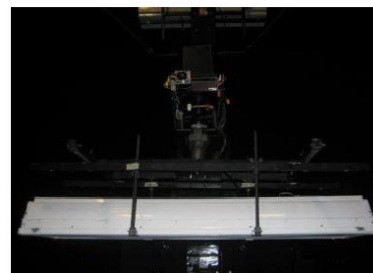
Test Information

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-L935.ies
Description: 1x4 D3X-LP AT 3000lm 3500K 90CRI
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2467.0 lumens
Efficiency: N/A
Efficacy: 77.6 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

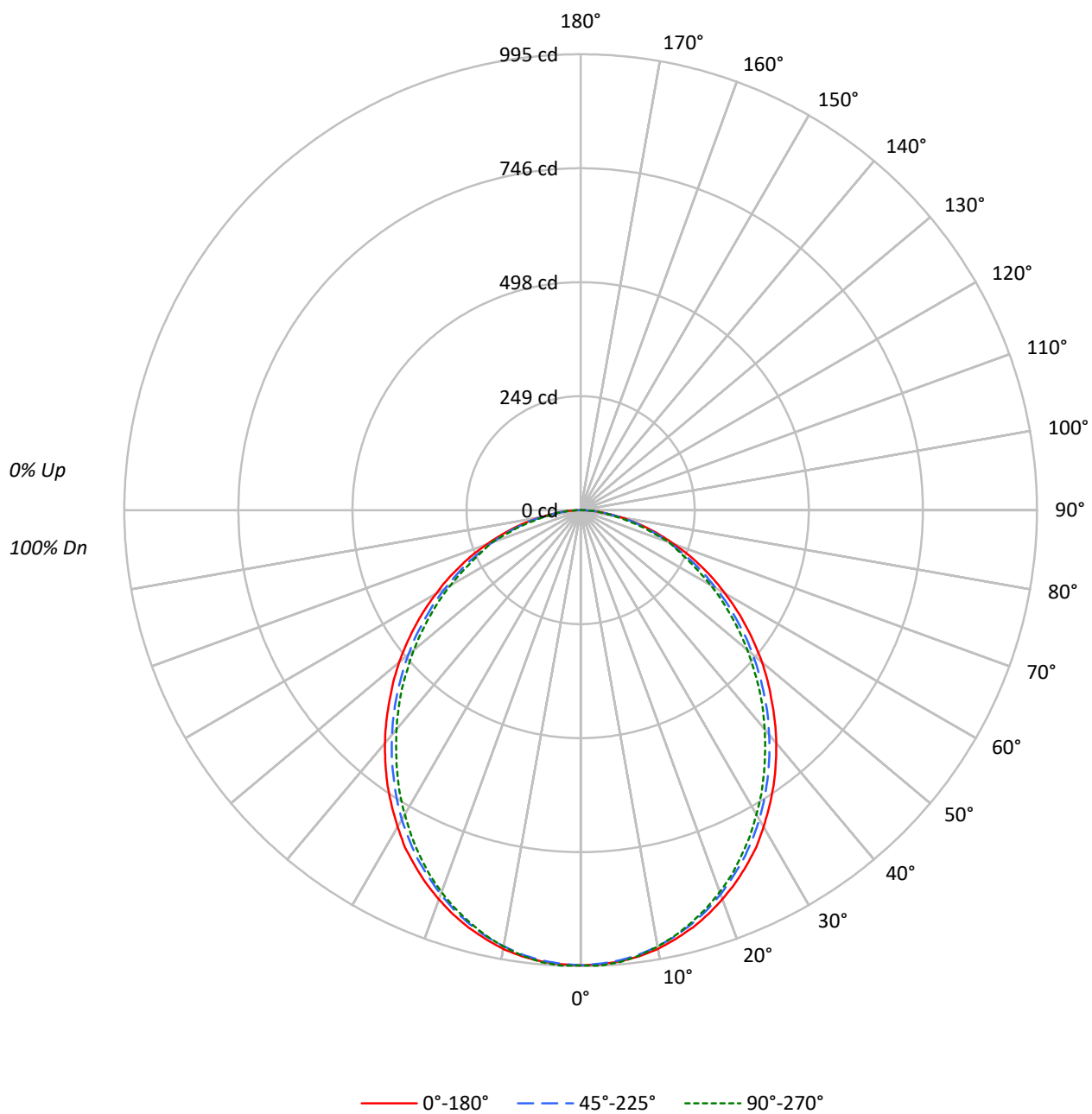
Input Watts (W): 31.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



TEST NUMBER: P#

CATALOG NUMBER: 14D3X-LP-30-L935.ies

Luminous Intensity Polar Plot



TEST NUMBER: P#

CATALOG NUMBER: 14D3X-LP-30-L935.ies

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	0
RCR																				
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100		100
1	109	105	100	97	106	102	98	95	98	95	92	94	92	89	91	88	87	85		85
2	100	92	85	79	97	90	84	78	86	81	77	83	79	75	80	76	73	71		71
3	91	81	73	67	89	79	72	66	76	70	65	74	68	64	71	66	63	60		60
4	84	72	63	57	81	71	63	56	68	61	56	66	60	55	64	58	54	52		52
5	77	64	56	49	75	63	55	49	61	54	48	59	53	48	57	52	47	45		45
6	71	58	49	43	69	57	49	43	56	48	43	54	47	42	52	46	42	40		40
7	66	53	44	38	65	52	44	38	51	43	38	49	43	38	48	42	37	35		35
8	62	48	40	34	60	48	40	34	46	39	34	45	39	34	44	38	34	32		32
9	58	45	36	31	56	44	36	31	43	36	31	42	35	31	41	35	30	29		29
10	54	41	33	28	53	41	33	28	40	33	28	39	32	28	38	32	28	26		26

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	2673	2673	2673
5°	2670	2664	2674
10°	2657	2641	2643
15°	2627	2605	2597
20°	2588	2555	2540
25°	2540	2495	2467
30°	2480	2423	2382
35°	2411	2336	2291
40°	2332	2247	2193
45°	2243	2151	2096
50°	2162	2052	1988
55°	2063	1944	1875
60°	1955	1833	1763
65°	1844	1723	1644
70°	1704	1607	1624
75°	1570	1478	1403
80°	1368	1311	1176
85°	1149	1081	1081

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2243 cd/sqm

TEST NUMBER: P#

CATALOG NUMBER: 14D3X-LP-30-L935.ies

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.7	3.8
10°-20°	264.0	10.7
20°-30°	387.4	15.7
30°-40°	446.1	18.1
40°-50°	438.0	17.8
50°-60°	373.4	15.1
60°-70°	270.1	10.9
70°-80°	151.9	6.2
80°-90°	42.5	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°	745.1	30.2
0°-40°	1191.2	48.3
0°-60°	2002.6	81.2
0°-90°	2467.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2467.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	994	994	994	994	994	
5°	988	989	986	989	990	94
15°	943	942	935	934	932	266
25°	856	849	840	834	831	394
35°	734	725	711	702	697	458
45°	589	582	565	554	551	455
55°	440	430	414	404	400	393
65°	290	282	271	260	258	287
75°	151	148	142	136	135	160
85°	37	39	35	35	35	43
90°	0	0	0	0	0	

TEST NUMBER: P#

CATALOG NUMBER: 14D3X-LP-30-L935.ies

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	993.5	993.5	993.5	993.5	993.5
2.5°	992.0	992.7	990.5	994.2	994.9
5°	988.4	989.1	986.2	989.1	989.8
7.5°	981.8	981.8	978.1	980.3	980.3
10°	972.3	970.9	966.5	967.2	967.2
12.5°	958.5	958.5	952.6	952.6	951.2
15°	943.1	941.7	935.1	933.7	932.2
17.5°	924.9	922.7	915.4	912.5	911.0
20°	903.7	900.1	892.1	888.4	887.0
22.5°	881.1	876.0	866.5	862.2	860.7
25°	855.6	849.0	840.3	833.7	830.8
27.5°	829.3	822.8	810.4	803.1	800.2
30°	798.0	791.4	779.7	771.0	766.6
32.5°	765.9	760.1	746.2	736.7	733.8
35°	733.8	725.0	711.2	701.7	697.3
37.5°	698.8	691.5	676.2	666.0	660.8
40°	663.8	656.5	639.7	628.8	624.4
42.5°	627.3	617.8	603.2	591.6	587.9
45°	589.4	582.1	565.3	554.4	550.7
47.5°	553.6	542.7	527.4	516.4	511.3
50°	516.4	506.2	490.2	478.5	474.8
52.5°	477.8	469.0	453.0	441.3	436.9
55°	439.8	430.4	414.3	404.1	399.7
57.5°	401.9	393.2	378.6	366.9	364.0
60°	363.2	355.2	340.6	331.2	327.5
62.5°	327.5	318.0	304.9	295.4	291.8
65°	289.6	281.6	270.6	260.4	258.2
67.5°	254.6	248.7	234.9	227.6	228.3
70°	216.6	216.6	204.2	196.9	206.4
72.5°	183.1	183.8	172.9	168.5	164.8
75°	151.0	148.1	142.2	136.4	134.9
77.5°	118.9	120.4	115.2	104.3	102.8
80°	88.3	96.3	84.6	77.3	75.9
82.5°	60.5	68.6	58.4	54.7	54.0
85°	37.2	38.7	35.0	35.0	35.0
87.5°	16.0	18.2	17.5	17.5	18.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)