

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

Summary

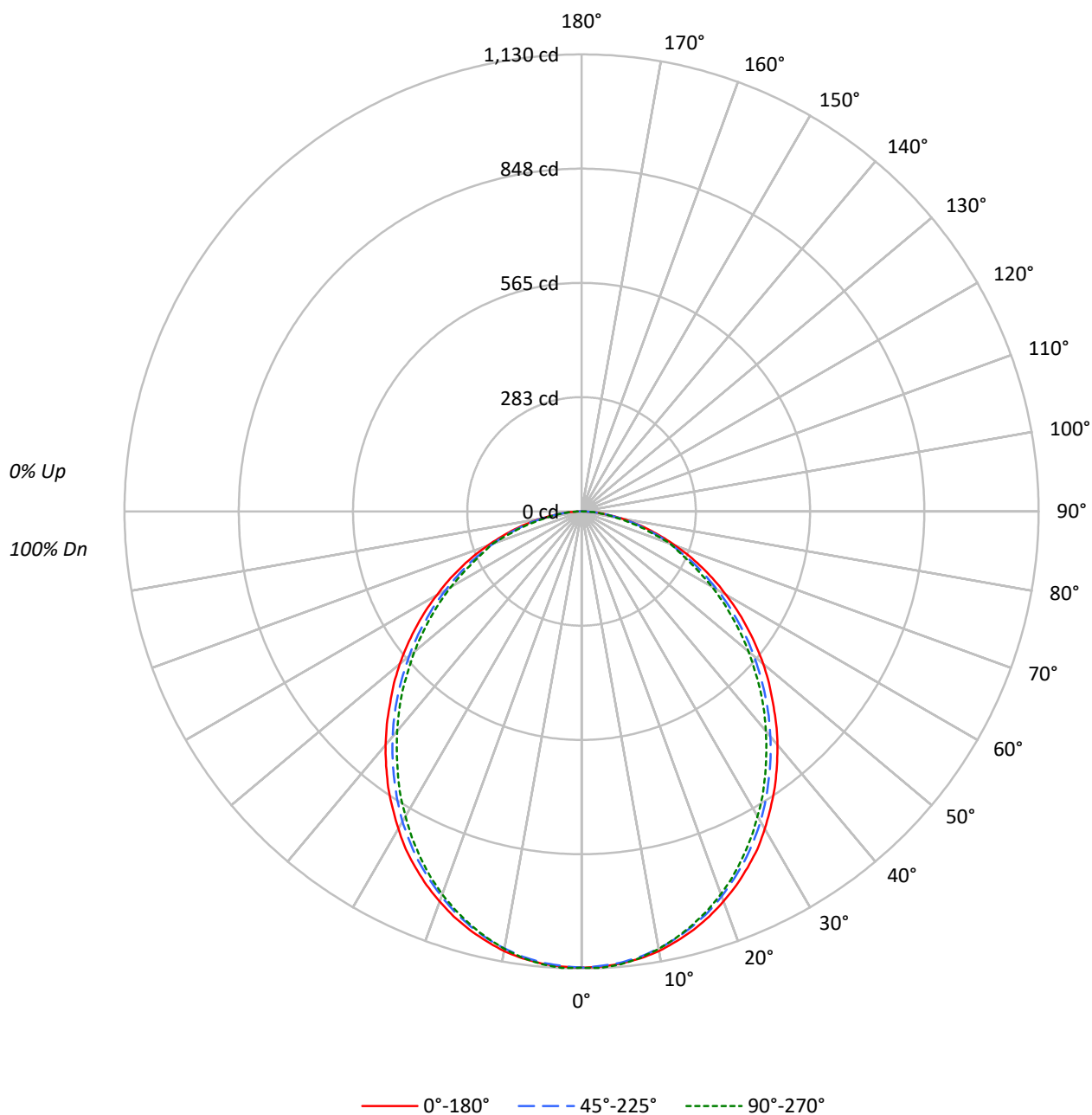
Lumens per Lamp: N/A
Luminaire Lumens: 2801.0 lumens
Efficiency: N/A
Efficacy: 74.1 lumens/watt
Spacing Criteria (0/90/45): 1.2 / 1.16 / 1.28
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')
CIE Type: Direct

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



TEST NUMBER: P#
CATALOG NUMBER: 14D3X-LP-35-L930.ies

Luminous Intensity Polar Plot



TEST NUMBER: P#

CATALOG NUMBER: 14D3X-LP-35-L930.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°	3035	3035	3035
5°	3031	3025	3036
10°	3016	2998	3001
15°	2983	2958	2949
20°	2938	2900	2884
25°	2884	2833	2801
30°	2815	2751	2705
35°	2737	2653	2601
40°	2647	2551	2490
45°	2547	2442	2380
50°	2454	2330	2257
55°	2343	2207	2129
60°	2220	2082	2001
65°	2094	1957	1867
70°	1936	1825	1844
75°	1782	1679	1593
80°	1553	1489	1334
85°	1303	1229	1229

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 2547 cd/sqm

TEST NUMBER: P#

CATALOG NUMBER: 14D3X-LP-35-L930.ies

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.4	3.8
10°-20°	299.7	10.7
20°-30°	439.8	15.7
30°-40°	506.5	18.1
40°-50°	497.2	17.8
50°-60°	424.0	15.1
60°-70°	306.7	10.9
70°-80°	172.5	6.2
80°-90°	48.2	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°	845.9	30.2
0°-40°	1352.5	48.3
0°-60°	2273.7	81.2
0°-90°	2801.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2801.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1128	1128	1128	1128	1128	
5°	1122	1123	1120	1123	1124	107
15°	1071	1069	1062	1060	1058	302
25°	971	964	954	947	943	447
35°	833	823	808	797	792	520
45°	669	661	642	629	625	517
55°	499	489	470	459	454	447
65°	329	320	307	296	293	326
75°	171	168	162	155	153	181
85°	42	44	40	40	40	49
90°	0	0	0	0	0	

TEST NUMBER: P#

CATALOG NUMBER: 14D3X-LP-35-L930.ies

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1128.0	1128.0	1128.0	1128.0	1128.0
2.5°	1126.3	1127.1	1124.7	1128.8	1129.6
5°	1122.2	1123.0	1119.7	1123.0	1123.8
7.5°	1114.7	1114.7	1110.6	1113.1	1113.1
10°	1103.9	1102.3	1097.3	1098.2	1098.2
12.5°	1088.2	1088.2	1081.6	1081.6	1079.9
15°	1070.8	1069.2	1061.7	1060.1	1058.4
17.5°	1050.1	1047.6	1039.4	1036.0	1034.4
20°	1026.1	1022.0	1012.8	1008.7	1007.1
22.5°	1000.4	994.6	983.9	978.9	977.2
25°	971.4	964.0	954.0	946.6	943.3
27.5°	941.6	934.2	920.1	911.8	908.5
30°	906.0	898.6	885.3	875.4	870.4
32.5°	869.6	863.0	847.2	836.4	833.1
35°	833.1	823.2	807.5	796.7	791.7
37.5°	793.4	785.1	767.7	756.1	750.3
40°	753.6	745.4	726.3	713.9	708.9
42.5°	712.2	701.5	684.9	671.6	667.5
45°	669.2	660.9	641.8	629.4	625.3
47.5°	628.6	616.2	598.8	586.3	580.5
50°	586.3	574.7	556.5	543.3	539.1
52.5°	542.5	532.5	514.3	501.0	496.1
55°	499.4	488.6	470.4	458.8	453.8
57.5°	456.3	446.4	429.8	416.6	413.3
60°	412.4	403.3	386.8	376.0	371.8
62.5°	371.8	361.1	346.2	335.4	331.3
65°	328.8	319.7	307.3	295.7	293.2
67.5°	289.0	282.4	266.7	258.4	259.2
70°	246.0	246.0	231.9	223.6	234.4
72.5°	207.9	208.7	196.3	191.3	187.2
75°	171.4	168.1	161.5	154.9	153.2
77.5°	135.0	136.6	130.9	118.4	116.8
80°	100.2	109.3	96.1	87.8	86.1
82.5°	68.7	77.8	66.3	62.1	61.3
85°	42.2	43.9	39.8	39.8	39.8
87.5°	18.2	20.7	19.9	19.9	20.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)