

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-25-L935.ies

Issue Date: 2/27/2025

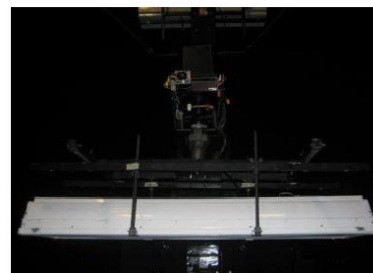
Test Information

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-25-L935.ies
Description: 1x4 D3X-LP AT 2500lm 3500K 90CRI
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2118.0 lumens
Efficiency: N/A
Efficacy: 78.4 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

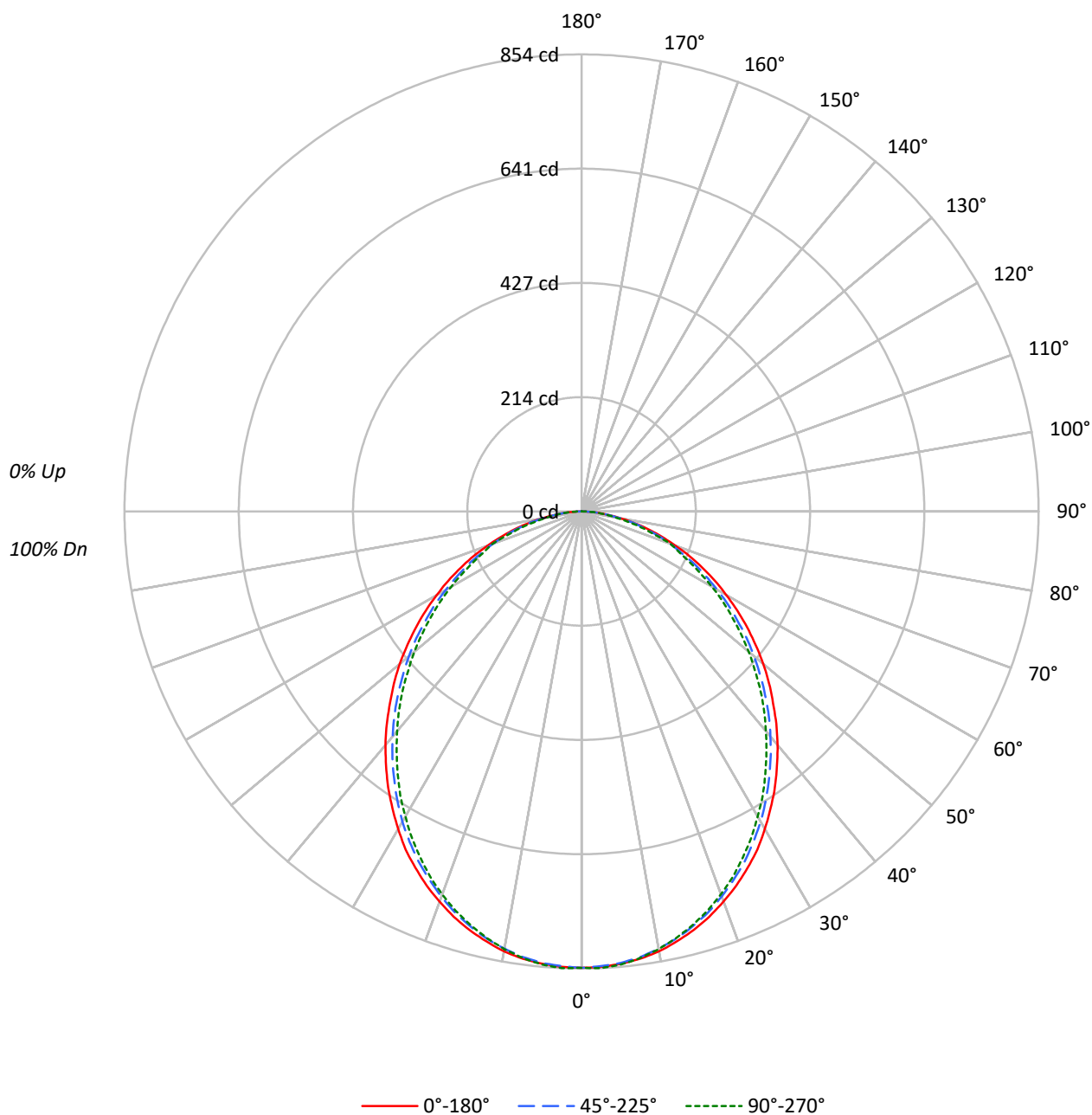
Input Watts (W): 27
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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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°	2295	2295	2295
5°	2292	2287	2296
10°	2281	2267	2269
15°	2256	2237	2230
20°	2222	2193	2181
25°	2181	2142	2118
30°	2129	2080	2045
35°	2070	2006	1967
40°	2002	1929	1883
45°	1926	1847	1799
50°	1856	1762	1707
55°	1772	1669	1610
60°	1679	1574	1513
65°	1583	1479	1412
70°	1463	1379	1394
75°	1347	1269	1205
80°	1175	1125	1009
85°	985	929	929

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1926 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	80.5	3.8
10°-20°	226.6	10.7
20°-30°	332.6	15.7
30°-40°	383.0	18.1
40°-50°	376.0	17.8
50°-60°	320.6	15.1
60°-70°	231.9	10.9
70°-80°	130.4	6.2
80°-90°	36.5	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°	639.7	30.2
0°-40°	1022.7	48.3
0°-60°	1719.3	81.2
0°-90°	2118.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2118.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	853	853	853	853	853	
5°	848	849	847	849	850	81
15°	810	808	803	802	800	228
25°	735	729	721	716	713	338
35°	630	622	611	602	599	394
45°	506	500	485	476	473	391
55°	378	370	356	347	343	338
65°	249	242	232	224	222	247
75°	130	127	122	117	116	137
85°	32	33	30	30	30	37
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	852.9	852.9	852.9	852.9	852.9
2.5°	851.7	852.3	850.4	853.5	854.2
5°	848.5	849.2	846.7	849.2	849.8
7.5°	842.9	842.9	839.8	841.6	841.6
10°	834.8	833.5	829.7	830.4	830.4
12.5°	822.9	822.9	817.9	817.9	816.6
15°	809.7	808.5	802.8	801.6	800.3
17.5°	794.1	792.2	785.9	783.4	782.2
20°	775.9	772.8	765.9	762.7	761.5
22.5°	756.5	752.1	744.0	740.2	738.9
25°	734.6	728.9	721.4	715.8	713.3
27.5°	712.0	706.4	695.7	689.5	687.0
30°	685.1	679.5	669.4	661.9	658.2
32.5°	657.5	652.5	640.6	632.5	630.0
35°	630.0	622.5	610.6	602.4	598.7
37.5°	599.9	593.7	580.5	571.7	567.4
40°	569.9	563.6	549.2	539.8	536.0
42.5°	538.6	530.4	517.9	507.9	504.7
45°	506.0	499.7	485.3	475.9	472.8
47.5°	475.3	465.9	452.8	443.4	439.0
50°	443.4	434.6	420.8	410.8	407.7
52.5°	410.2	402.7	388.9	378.9	375.1
55°	377.6	369.5	355.7	346.9	343.2
57.5°	345.1	337.5	325.0	315.0	312.5
60°	311.9	305.0	292.4	284.3	281.2
62.5°	281.2	273.0	261.8	253.6	250.5
65°	248.6	241.7	232.3	223.6	221.7
67.5°	218.6	213.5	201.6	195.4	196.0
70°	186.0	186.0	175.3	169.1	177.2
72.5°	157.2	157.8	148.4	144.7	141.5
75°	129.6	127.1	122.1	117.1	115.9
77.5°	102.1	103.3	98.9	89.6	88.3
80°	75.8	82.7	72.6	66.4	65.1
82.5°	52.0	58.9	50.1	47.0	46.3
85°	31.9	33.2	30.1	30.1	30.1
87.5°	13.8	15.7	15.0	15.0	15.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)