

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-25-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-25-L930.ies
Description: 1x4 D3X-LP ROUND PERF AT 2500lm 3000K 90CRI
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 1881.0 lumens
Efficiency: N/A
Efficacy: 69.7 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

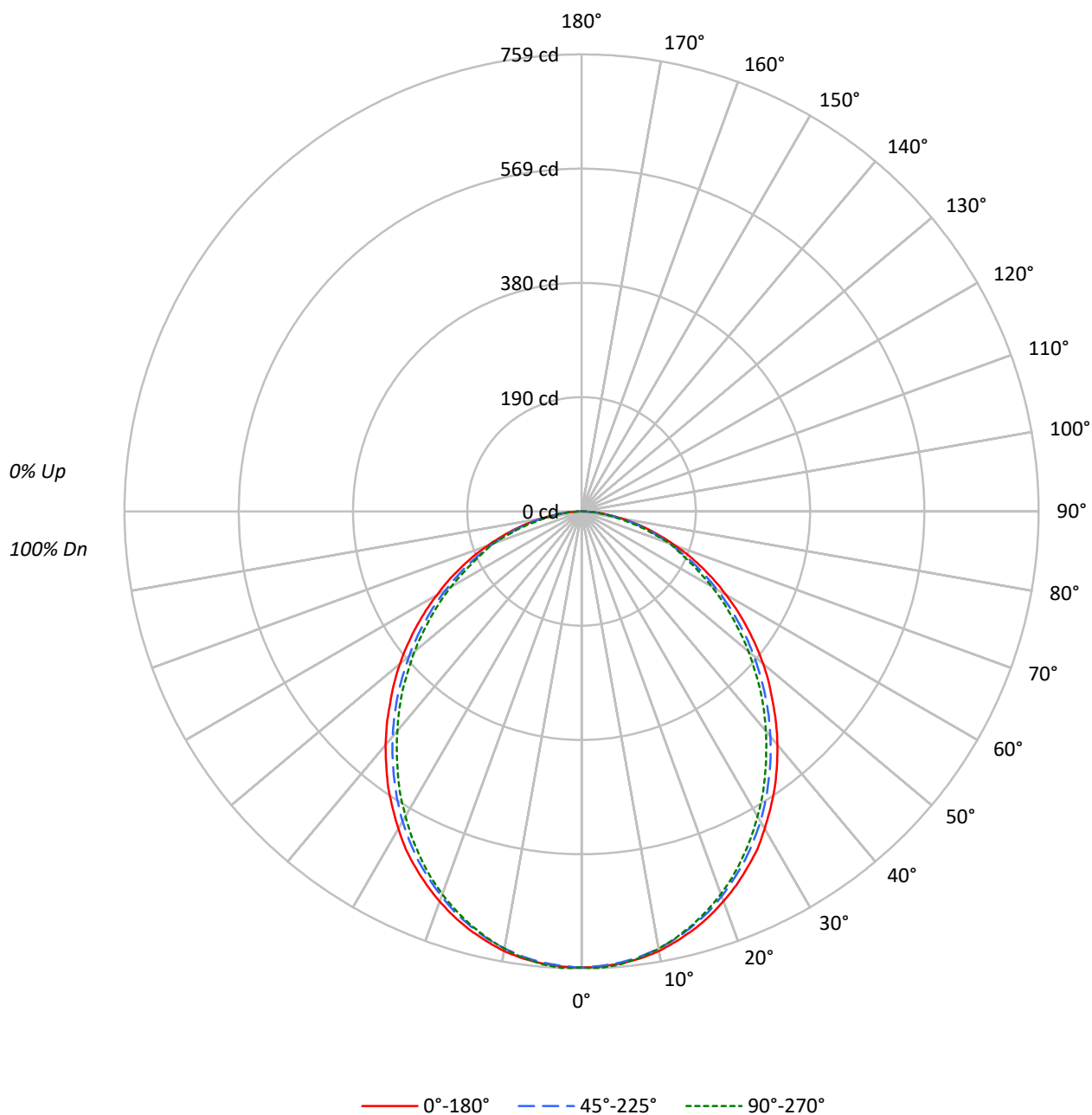
Input Watts (W): 27
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT



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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°	2038	2038	2038
5°	2036	2031	2039
10°	2026	2014	2015
15°	2003	1986	1980
20°	1973	1948	1937
25°	1937	1902	1881
30°	1890	1847	1816
35°	1838	1781	1747
40°	1778	1713	1672
45°	1710	1640	1598
50°	1649	1564	1516
55°	1574	1482	1430
60°	1491	1398	1344
65°	1406	1314	1254
70°	1300	1225	1238
75°	1197	1127	1070
80°	1043	1000	896
85°	877	824	824

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 1710 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	71.5	3.8
10°-20°	201.3	10.7
20°-30°	295.4	15.7
30°-40°	340.2	18.1
40°-50°	333.9	17.8
50°-60°	284.7	15.1
60°-70°	206.0	10.9
70°-80°	115.8	6.2
80°-90°	32.4	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°	568.1	30.2
0°-40°	908.2	48.3
0°-60°	1526.9	81.2
0°-90°	1881.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	1881.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	758	758	758	758	758	
5°	754	754	752	754	755	72
15°	719	718	713	712	711	203
25°	652	647	641	636	634	300
35°	560	553	542	535	532	350
45°	449	444	431	423	420	347
55°	335	328	316	308	305	300
65°	221	215	206	198	197	219
75°	115	113	108	104	103	122
85°	28	30	27	27	27	33
90°	0	0	0	0	0	

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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	757.5	757.5	757.5	757.5	757.5
2.5°	756.4	756.9	755.3	758.0	758.6
5°	753.6	754.1	751.9	754.1	754.7
7.5°	748.6	748.6	745.8	747.5	747.5
10°	741.4	740.2	736.9	737.5	737.5
12.5°	730.8	730.8	726.3	726.3	725.2
15°	719.1	718.0	713.0	711.9	710.8
17.5°	705.2	703.5	698.0	695.7	694.6
20°	689.1	686.3	680.2	677.4	676.3
22.5°	671.8	667.9	660.7	657.4	656.3
25°	652.4	647.4	640.7	635.7	633.5
27.5°	632.3	627.3	617.9	612.3	610.1
30°	608.4	603.4	594.5	587.9	584.5
32.5°	584.0	579.5	568.9	561.7	559.5
35°	559.5	552.8	542.2	535.0	531.7
37.5°	532.8	527.2	515.6	507.8	503.9
40°	506.1	500.5	487.7	479.4	476.1
42.5°	478.3	471.1	459.9	451.0	448.3
45°	449.4	443.8	431.0	422.7	419.9
47.5°	422.1	413.8	402.1	393.8	389.9
50°	393.8	386.0	373.7	364.8	362.1
52.5°	364.3	357.6	345.4	336.5	333.1
55°	335.4	328.1	315.9	308.1	304.8
57.5°	306.4	299.8	288.6	279.7	277.5
60°	277.0	270.8	259.7	252.5	249.7
62.5°	249.7	242.5	232.5	225.2	222.5
65°	220.8	214.7	206.3	198.5	196.9
67.5°	194.1	189.6	179.1	173.5	174.1
70°	165.2	165.2	155.7	150.2	157.4
72.5°	139.6	140.2	131.8	128.5	125.7
75°	115.1	112.9	108.4	104.0	102.9
77.5°	90.7	91.8	87.9	79.5	78.4
80°	67.3	73.4	64.5	59.0	57.8
82.5°	46.2	52.3	44.5	41.7	41.2
85°	28.4	29.5	26.7	26.7	26.7
87.5°	12.2	13.9	13.3	13.3	13.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)