

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: CORELITE

Report Number: P257560

Luminaire Tested: **D3X-WO-26L930-LD5-UNV-14-T1-STD**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P257560  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1806-819-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: D3X-WO-26L930-LD5-UNV-14-T1-STD  
Description: CORELITE D3X 1X4 LED LUMINAIRE  
Light Source: (112) 3000 CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2275.5 lumens  
Efficiency: N/A  
Efficacy: 92.1 lumens/watt  
Spacing Criteria (0/90/45): 1.2 / 1.24 / 1.33  
Luminous Opening: Rectangular (W 1' x L: 4' x H: 0')  
CIE Type: Direct

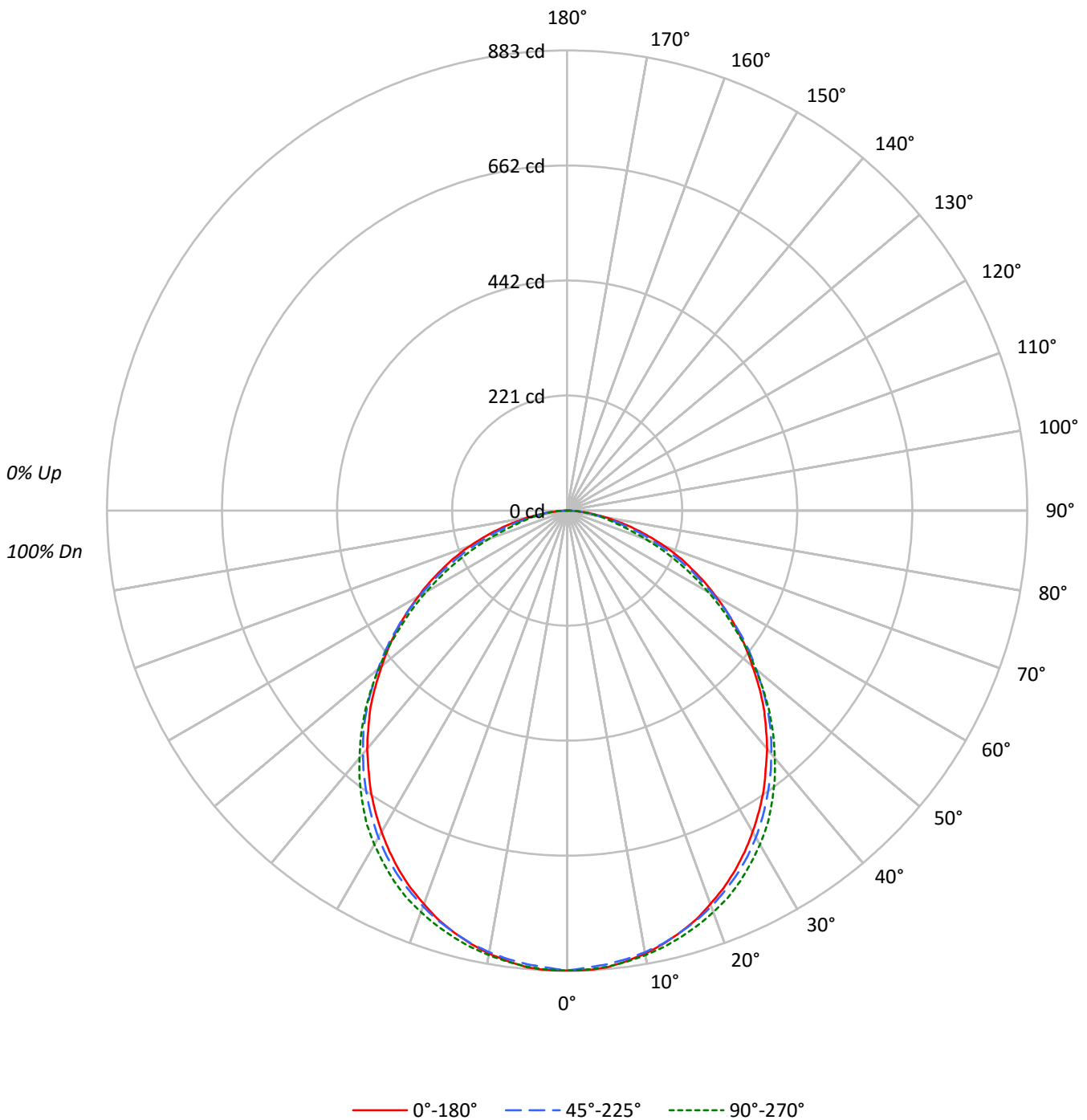
Input Watts (W): 24.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	105	101	97	107	103	99	95	98	95	92	94	92	90	91	89	87	85
2	100	92	85	80	97	90	84	79	86	81	77	83	79	75	80	77	74	72
3	91	81	73	67	89	79	72	66	77	70	65	74	68	64	71	67	63	61
4	84	72	64	57	81	71	63	57	68	61	56	66	60	55	64	59	54	52
5	77	65	56	49	75	63	55	49	61	54	49	59	53	48	58	52	48	45
6	71	58	50	43	69	57	49	43	56	48	43	54	47	42	52	46	42	40
7	66	53	44	38	64	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	44	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°	2375	2375	2375
5°	2376	2361	2374
10°	2359	2351	2367
15°	2335	2335	2359
20°	2301	2315	2348
25°	2263	2288	2331
30°	2212	2251	2299
35°	2158	2199	2250
40°	2098	2141	2179
45°	2030	2074	2092
50°	1942	1983	1975
55°	1869	1883	1833
60°	1776	1750	1682
65°	1677	1609	1499
70°	1555	1426	1268
75°	1384	1224	1043
80°	1151	1001	972
85°	834	892	892



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	83.3	3.7
10°-20°	237.3	10.4
20°-30°	355.6	15.6
30°-40°	419.0	18.4
40°-50°	417.9	18.4
50°-60°	355.4	15.6
60°-70°	248.1	10.9
70°-80°	126.1	5.5
80°-90°	32.9	1.4
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°	676.2	29.7
0°-40°	1095.1	48.1
0°-60°	1868.4	82.1
0°-90°	2275.5	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2275.5	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	883	883	883	883	883	
5°	880	878	874	879	879	83
15°	838	838	838	846	847	236
25°	762	763	771	782	785	351
35°	657	658	669	683	685	410
45°	533	535	545	549	550	410
55°	398	398	401	396	391	356
65°	263	260	253	239	235	261
75°	133	128	118	103	100	141
85°	27	28	29	29	29	33
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	882.6	882.6	882.6	882.6	882.6
2.5°	882.6	881.6	877.8	881.6	881.6
5°	879.7	877.8	873.9	878.7	878.7
7.5°	872.0	871.0	868.1	873.0	873.0
10°	863.3	862.4	860.4	866.2	866.2
12.5°	851.7	851.7	850.8	856.6	857.5
15°	838.2	838.2	838.2	846.0	846.9
17.5°	822.8	821.8	824.7	833.4	834.4
20°	803.5	804.5	808.3	818.0	819.9
22.5°	784.2	785.2	790.0	801.6	804.5
25°	762.0	763.0	770.7	782.3	785.2
27.5°	737.9	739.8	748.5	761.1	763.0
30°	711.9	713.8	724.4	737.0	739.8
32.5°	684.9	687.8	697.4	710.9	714.8
35°	656.9	657.9	669.4	682.9	684.9
37.5°	626.0	628.9	640.5	652.1	654.0
40°	597.1	599.0	609.6	619.3	620.2
42.5°	564.3	567.2	578.8	585.5	585.5
45°	533.4	535.4	545.0	548.9	549.8
47.5°	498.7	500.6	509.3	511.2	511.2
50°	464.0	468.8	473.6	473.6	471.7
52.5°	432.1	433.1	438.9	435.0	433.1
55°	398.4	398.4	401.3	395.5	390.7
57.5°	364.6	364.6	364.6	356.9	353.0
60°	329.9	328.9	325.1	315.4	312.5
62.5°	297.1	294.2	288.4	278.8	273.0
65°	263.3	259.5	252.7	239.2	235.4
67.5°	231.5	224.8	217.0	204.5	197.7
70°	197.7	192.0	181.3	166.9	161.1
72.5°	164.9	159.2	150.5	136.0	127.3
75°	133.1	128.3	117.7	103.2	100.3
77.5°	102.2	99.4	88.7	82.0	81.0
80°	74.3	73.3	64.6	62.7	62.7
82.5°	49.2	48.2	45.3	45.3	44.4
85°	27.0	28.0	28.9	28.9	28.9
87.5°	9.6	11.6	13.5	13.5	13.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)