

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: P303004

Luminaire Tested: **CTW-F-0100-30L935-UNV-STD-6**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303004  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-16)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: CTW-F-0100-30L935-UNV-STD-6  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
0% UPLIGHT, 100% DOWNLIGHT, 3000 LUMEN PACKAGE  
Light Source: 3500K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

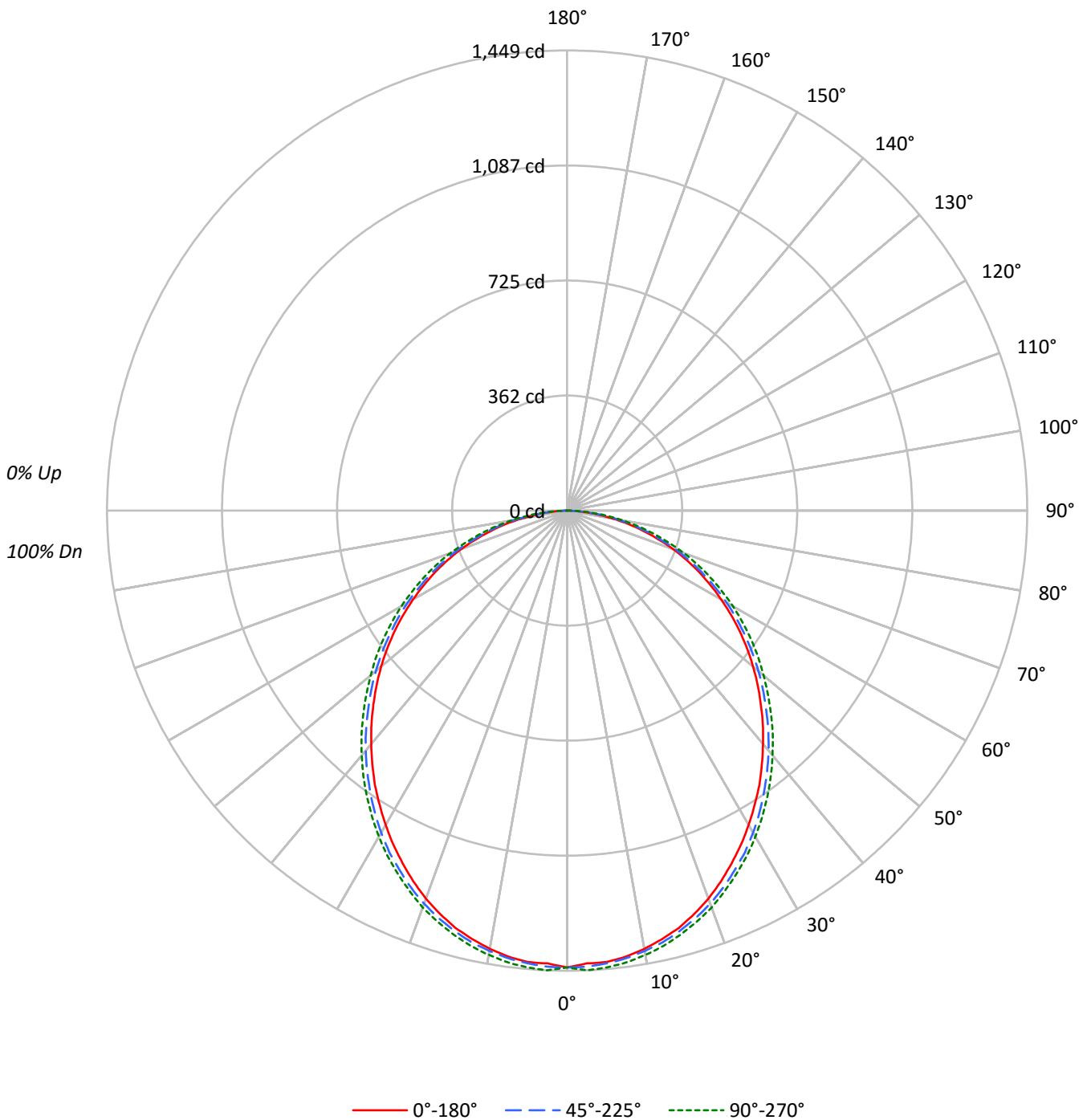
Lumens per Lamp: N/A  
Luminaire Lumens: 3883.6 lumens  
Efficiency: N/A  
Efficacy: 95.0 lumens/watt  
Spacing Criteria (0/90/45): 1.19 / 1.23 / 1.32  
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')  
CIE Type: Direct

Input Watts (W): 40.9  
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	104	100	96	106	102	98	94	97	94	91	93	91	88	90	88	86	84
2	99	91	84	78	96	89	82	77	85	80	75	82	77	73	79	75	72	70
3	90	80	71	65	88	78	70	64	75	68	63	72	67	62	70	65	61	59
4	83	70	62	55	80	69	61	55	67	59	54	64	58	53	62	57	52	50
5	76	63	54	47	74	62	53	47	60	52	47	58	51	46	56	50	46	43
6	70	57	48	41	68	56	47	41	54	46	41	52	46	40	51	45	40	38
7	65	52	43	37	63	51	42	36	49	42	36	48	41	36	46	40	36	34
8	61	47	39	33	59	46	38	33	45	38	32	44	37	32	43	37	32	30
9	57	43	35	29	55	43	35	29	42	34	29	40	34	29	39	33	29	27
10	53	40	32	27	52	39	32	27	38	31	27	37	31	26	37	31	26	25

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	20648	20648	20648
5°	20560	20616	20802
10°	20422	20515	20704
15°	20206	20360	20533
20°	19862	20119	20316
25°	19408	19777	19981
30°	18942	19413	19648
35°	18488	18940	19257
40°	17978	18486	18849
45°	17510	17983	18427
50°	17072	17561	18023
55°	16609	17095	17678
60°	16088	16645	17311
65°	15570	16097	16885
70°	14905	15555	16365
75°	13824	14611	15610
80°	12166	13447	14621
85°	8727	10210	13190



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	135.8	3.5
10°-20°	385.3	9.9
20°-30°	571.9	14.7
30°-40°	672.3	17.3
40°-50°	682.0	17.6
50°-60°	610.4	15.7
60°-70°	470.4	12.1
70°-80°	279.4	7.2
80°-90°	76.2	2.0
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°	1093.0	28.1
0°-40°	1765.3	45.5
0°-60°	3057.6	78.7
0°-90°	3883.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3883.6	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1439	1439	1439	1439	1439	
5°	1427	1427	1431	1427	1444	135
15°	1360	1362	1370	1365	1382	383
25°	1226	1227	1249	1245	1262	565
35°	1055	1058	1081	1082	1099	659
45°	863	867	886	896	908	666
55°	664	666	683	695	706	593
65°	458	462	474	487	497	453
75°	249	254	264	272	282	264
85°	53	54	62	76	80	65
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1438.7	1438.7	1438.7	1438.7	1438.7
2.5°	1427.1	1433.6	1437.4	1433.6	1449.1
5°	1427.1	1427.1	1431.0	1427.1	1443.9
7.5°	1416.8	1416.8	1421.9	1418.1	1434.9
10°	1401.3	1402.6	1407.7	1403.9	1420.7
12.5°	1381.9	1383.2	1392.2	1385.8	1403.9
15°	1359.9	1362.5	1370.3	1365.1	1381.9
17.5°	1331.5	1335.4	1345.7	1339.3	1357.4
20°	1300.5	1301.8	1317.3	1312.2	1330.2
22.5°	1264.4	1264.4	1285.0	1279.9	1296.7
25°	1225.6	1226.9	1248.9	1245.0	1261.8
27.5°	1185.6	1189.5	1212.7	1208.8	1225.6
30°	1143.0	1146.9	1171.4	1168.8	1185.6
32.5°	1099.1	1102.9	1127.5	1126.2	1143.0
35°	1055.2	1057.7	1081.0	1082.3	1099.1
37.5°	1007.4	1011.2	1034.5	1038.4	1053.9
40°	959.6	964.8	986.7	991.9	1006.1
42.5°	911.8	915.7	937.6	944.1	958.3
45°	862.7	866.6	886.0	896.3	907.9
47.5°	813.6	817.5	836.9	844.6	857.6
50°	764.6	767.2	786.5	796.9	807.2
52.5°	714.2	718.1	734.9	745.2	758.1
55°	663.8	666.4	683.2	694.8	706.5
57.5°	612.2	616.0	631.5	644.5	654.8
60°	560.5	564.4	579.9	591.5	603.1
62.5°	508.9	514.0	526.9	541.1	548.9
65°	458.5	462.4	474.0	486.9	497.2
67.5°	406.8	410.7	421.0	433.9	444.3
70°	355.2	359.0	370.7	381.0	390.0
72.5°	300.9	304.8	313.8	325.5	334.5
75°	249.3	254.4	263.5	272.5	281.5
77.5°	198.9	204.1	213.1	223.4	228.6
80°	147.2	152.4	162.7	171.8	176.9
82.5°	98.2	100.7	112.4	124.0	127.9
85°	53.0	54.2	62.0	76.2	80.1
87.5°	12.9	14.2	19.4	29.7	34.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)