

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: P303015

Luminaire Tested: **CTW-F-0100-40L935-UNV-STD-4**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303015  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-17)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: CTW-F-0100-40L935-UNV-STD-4  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
0% UPLIGHT, 100% DOWNLIGHT, 4000 LUMEN PACKAGE  
Light Source: 3500K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

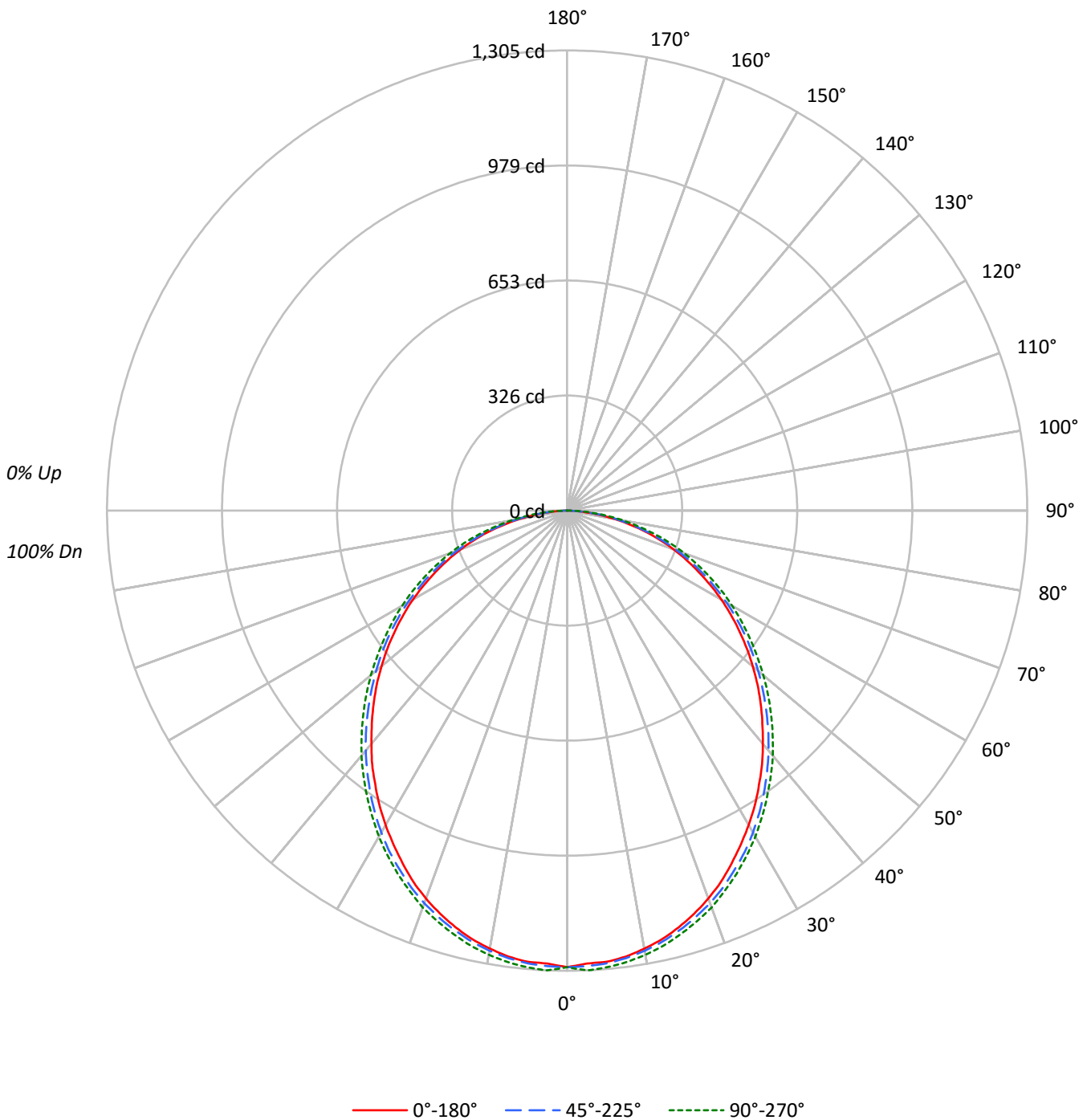
Lumens per Lamp: N/A  
Luminaire Lumens: 3497.6 lumens  
Efficiency: N/A  
Efficacy: 94.0 lumens/watt  
Spacing Criteria (0/90/45): 1.19 / 1.23 / 1.32  
Luminous Opening: Rectangular (W 4' x L: 0.12' x H: 0')  
CIE Type: Direct

Input Watts (W): 37.2  
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	79	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	41	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°	27876	27876	27876
5°	27760	27853	28095
10°	27574	27705	27968
15°	27268	27460	27728
20°	26827	27141	27439
25°	26219	26689	26996
30°	25599	26198	26539
35°	24935	25592	25999
40°	24269	24972	25503
45°	23644	24298	24904
50°	23012	23675	24338
55°	22396	23105	23751
60°	21760	22466	23280
65°	20967	21756	22765
70°	20217	20916	22219
75°	18981	19838	21343
80°	16761	18038	19960
85°	12128	14252	17858



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	122.2	3.5
10°-20°	346.6	9.9
20°-30°	514.7	14.7
30°-40°	605.2	17.3
40°-50°	613.7	17.5
50°-60°	549.4	15.7
60°-70°	423.7	12.1
70°-80°	252.8	7.2
80°-90°	69.2	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°	983.6	28.1
0°-40°	1588.7	45.4
0°-60°	2751.9	78.7
0°-90°	3497.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3497.6	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1295	1295	1295	1295	1295	
5°	1285	1285	1289	1285	1300	122
15°	1224	1225	1232	1228	1244	345
25°	1104	1106	1124	1121	1136	508
35°	949	951	974	975	989	594
45°	777	779	798	807	818	599
55°	597	601	616	627	633	534
65°	412	416	427	439	447	408
75°	228	230	238	247	257	241
85°	49	51	58	67	72	60
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1294.9	1294.9	1294.9	1294.9	1294.9
2.5°	1285.5	1290.6	1293.2	1289.8	1305.3
5°	1284.6	1284.6	1288.9	1284.6	1300.1
7.5°	1276.0	1276.0	1280.3	1276.0	1291.5
10°	1261.4	1262.2	1267.4	1263.9	1279.4
12.5°	1245.0	1244.1	1251.9	1247.6	1263.9
15°	1223.5	1225.2	1232.1	1227.8	1244.1
17.5°	1198.5	1201.1	1209.7	1205.4	1221.8
20°	1171.0	1171.8	1184.7	1179.6	1197.7
22.5°	1140.0	1139.1	1156.3	1152.0	1167.5
25°	1103.8	1105.5	1123.6	1121.0	1136.5
27.5°	1066.8	1069.4	1090.9	1086.6	1102.9
30°	1029.8	1031.5	1053.9	1050.4	1067.6
32.5°	991.0	992.7	1015.1	1014.3	1028.9
35°	948.8	951.4	973.8	974.7	989.3
37.5°	908.4	909.2	931.6	934.2	948.8
40°	863.6	867.0	888.6	892.9	907.5
42.5°	819.7	823.1	843.8	849.8	862.7
45°	776.6	779.2	798.1	806.8	818.0
47.5°	732.7	734.4	752.5	762.0	772.3
50°	687.1	690.5	706.9	716.4	726.7
52.5°	642.3	645.8	662.1	671.6	679.3
55°	596.7	601.0	615.6	626.8	632.8
57.5°	551.0	555.3	569.1	580.3	587.2
60°	505.4	509.7	521.8	533.8	540.7
62.5°	458.1	463.2	474.4	487.3	494.2
65°	411.6	415.9	427.1	439.1	446.9
67.5°	365.9	370.2	379.7	390.9	399.5
70°	321.2	323.7	332.3	343.5	353.0
72.5°	275.5	278.1	285.0	295.3	305.7
75°	228.2	229.9	238.5	247.1	256.6
77.5°	180.8	182.5	190.3	199.8	207.5
80°	135.2	137.8	145.5	154.1	161.0
82.5°	90.4	92.1	101.6	110.2	115.4
85°	49.1	50.8	57.7	67.2	72.3
87.5°	12.9	13.8	18.1	26.7	32.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)