

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: P303003

Luminaire Tested: **CTW-F-0100-30L930-UNV-STD-6**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303003  
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-0100-30L930-UNV-STD-6  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
0% UPLIGHT, 100% DOWNLIGHT, 3000 LUMEN PACKAGE  
Light Source: 3000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

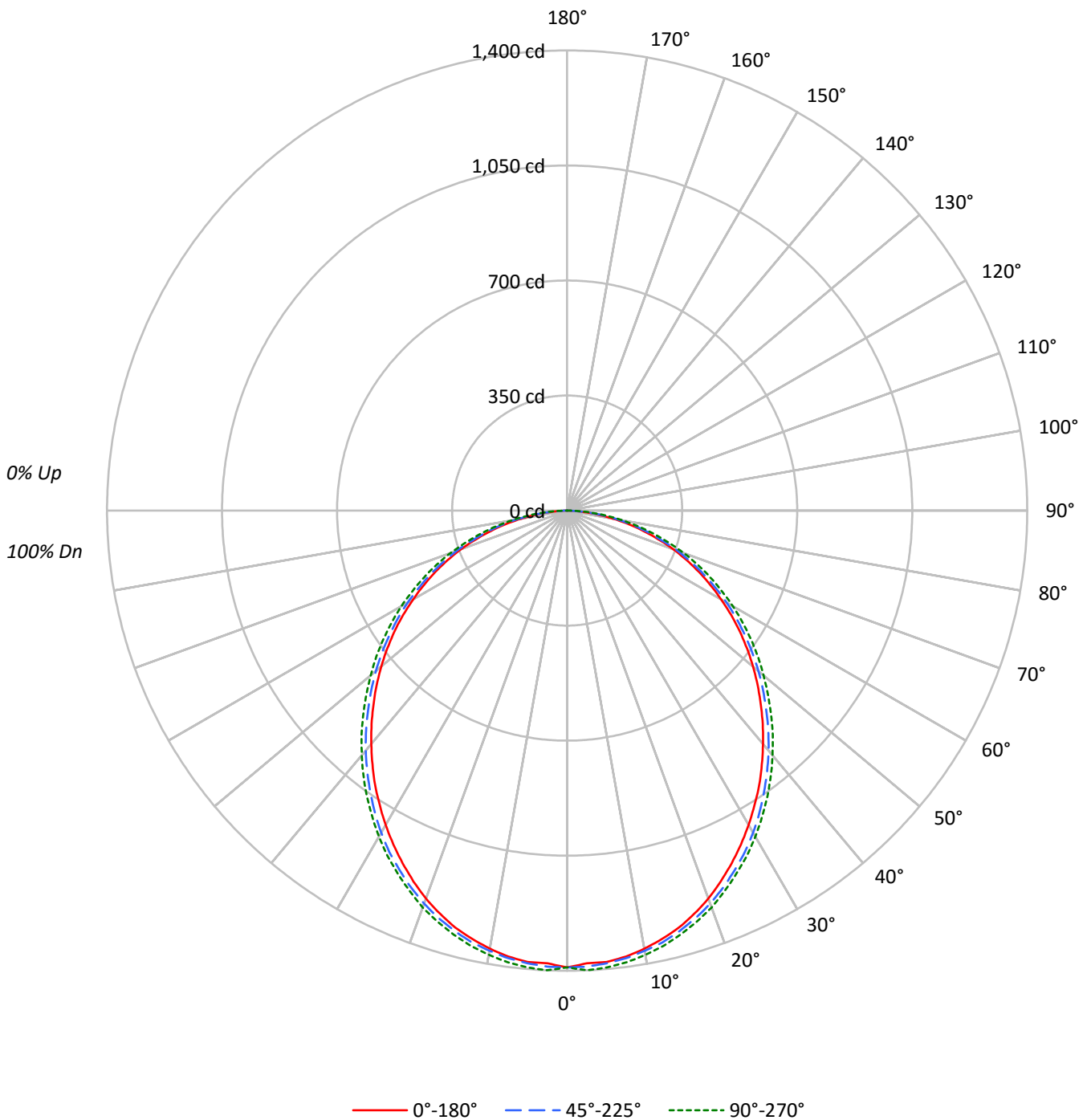
Lumens per Lamp: N/A  
Luminaire Lumens: 3751.6 lumens  
Efficiency: N/A  
Efficacy: 91.7 lumens/watt  
Spacing Criteria (0/90/45): 1.19 / 1.23 / 1.32  
Luminous Opening: Rectangular (W 6' x L: 0.12' x H: 0')  
CIE Type: Direct

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°	19946	19946	19946
5°	19861	19914	20094
10°	19726	19818	20000
15°	19519	19668	19834
20°	19187	19435	19626
25°	18749	19104	19302
30°	18297	18753	18980
35°	17859	18295	18601
40°	17367	17858	18209
45°	16915	17372	17802
50°	16491	16964	17409
55°	16046	16514	17075
60°	15543	16080	16723
65°	15041	15550	16311
70°	14397	15027	15811
75°	13353	14112	15083
80°	11753	12992	14125
85°	8431	9864	12745



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	131.2	3.5
10°-20°	372.2	9.9
20°-30°	552.5	14.7
30°-40°	649.4	17.3
40°-50°	658.8	17.6
50°-60°	589.6	15.7
60°-70°	454.4	12.1
70°-80°	269.9	7.2
80°-90°	73.6	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°	1055.8	28.1
0°-40°	1705.3	45.5
0°-60°	2953.7	78.7
0°-90°	3751.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3751.6	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1390	1390	1390	1390	1390	
5°	1379	1379	1382	1379	1395	131
15°	1314	1316	1324	1319	1335	370
25°	1184	1185	1206	1203	1219	545
35°	1019	1022	1044	1046	1062	637
45°	833	837	856	866	877	643
55°	641	644	660	671	682	573
65°	443	447	458	470	480	438
75°	241	246	254	263	272	255
85°	51	52	60	74	77	62
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1389.8	1389.8	1389.8	1389.8	1389.8
2.5°	1378.6	1384.8	1388.6	1384.8	1399.8
5°	1378.6	1378.6	1382.3	1378.6	1394.8
7.5°	1368.6	1368.6	1373.6	1369.9	1386.1
10°	1353.6	1354.9	1359.9	1356.1	1372.4
12.5°	1334.9	1336.2	1344.9	1338.7	1356.1
15°	1313.7	1316.2	1323.7	1318.7	1334.9
17.5°	1286.3	1290.0	1300.0	1293.8	1311.2
20°	1256.3	1257.6	1272.5	1267.6	1285.0
22.5°	1221.4	1221.4	1241.4	1236.4	1252.6
25°	1184.0	1185.2	1206.4	1202.7	1218.9
27.5°	1145.3	1149.0	1171.5	1167.8	1184.0
30°	1104.1	1107.9	1131.6	1129.1	1145.3
32.5°	1061.7	1065.4	1089.2	1087.9	1104.1
35°	1019.3	1021.8	1044.2	1045.5	1061.7
37.5°	973.1	976.9	999.3	1003.1	1018.0
40°	927.0	932.0	953.2	958.2	971.9
42.5°	880.8	884.5	905.8	912.0	925.7
45°	833.4	837.1	855.9	865.8	877.1
47.5°	786.0	789.7	808.4	815.9	828.4
50°	738.6	741.1	759.8	769.8	779.7
52.5°	689.9	693.7	709.9	719.9	732.3
55°	641.3	643.8	660.0	671.2	682.4
57.5°	591.4	595.1	610.1	622.6	632.5
60°	541.5	545.2	560.2	571.4	582.6
62.5°	491.6	496.5	509.0	522.7	530.2
65°	442.9	446.6	457.9	470.3	480.3
67.5°	393.0	396.7	406.7	419.2	429.2
70°	343.1	346.8	358.1	368.0	376.8
72.5°	290.7	294.4	303.2	314.4	323.1
75°	240.8	245.8	254.5	263.2	272.0
77.5°	192.1	197.1	205.9	215.8	220.8
80°	142.2	147.2	157.2	165.9	170.9
82.5°	94.8	97.3	108.5	119.8	123.5
85°	51.2	52.4	59.9	73.6	77.4
87.5°	12.5	13.7	18.7	28.7	33.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)