

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: P303014

Luminaire Tested: **CTW-F-0100-40L930-UNV-STD-4**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303014  
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-0100-40L930-UNV-STD-4  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
0% UPLIGHT, 100% DOWNLIGHT, 4000 LUMEN PACKAGE  
Light Source: 3000K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 3378.7 lumens  
Efficiency: N/A  
Efficacy: 90.8 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

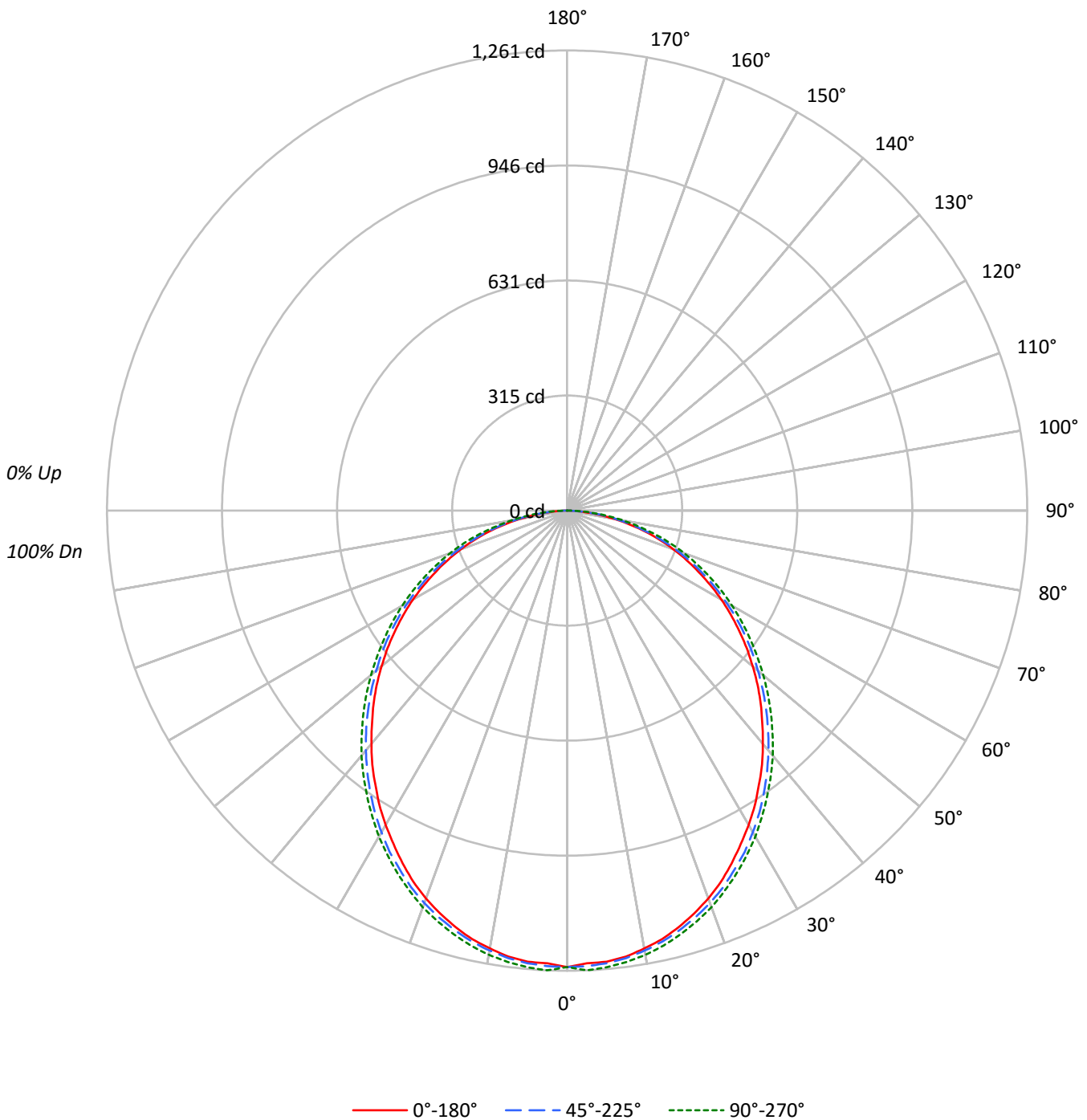
Input Watts (W): 37.2  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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°	26929	26929	26929
5°	26816	26907	27140
10°	26636	26763	27019
15°	26341	26526	26787
20°	25915	26220	26504
25°	25328	25782	26079
30°	24729	25306	25636
35°	24089	24722	25116
40°	23443	24120	24635
45°	22840	23473	24055
50°	22228	22871	23511
55°	21634	22321	22944
60°	21020	21700	22488
65°	20253	21012	21990
70°	19525	20205	21464
75°	18332	19164	20620
80°	16191	17431	19278
85°	11708	13758	17266



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	118.1	3.5
10°-20°	334.9	9.9
20°-30°	497.2	14.7
30°-40°	584.6	17.3
40°-50°	592.8	17.5
50°-60°	530.8	15.7
60°-70°	409.3	12.1
70°-80°	244.2	7.2
80°-90°	66.8	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°	950.2	28.1
0°-40°	1534.7	45.4
0°-60°	2658.3	78.7
0°-90°	3378.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3378.7	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1251	1251	1251	1251	1251	
5°	1241	1241	1245	1241	1256	118
15°	1182	1184	1190	1186	1202	333
25°	1066	1068	1085	1083	1098	491
35°	917	919	941	942	956	574
45°	750	753	771	779	790	579
55°	576	580	595	606	611	516
65°	398	402	412	424	432	394
75°	220	222	230	239	248	232
85°	47	49	56	65	70	58
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1250.9	1250.9	1250.9	1250.9	1250.9
2.5°	1241.8	1246.8	1249.3	1245.9	1260.9
5°	1240.9	1240.9	1245.1	1240.9	1255.9
7.5°	1232.6	1232.6	1236.8	1232.6	1247.6
10°	1218.5	1219.3	1224.3	1221.0	1236.0
12.5°	1202.7	1201.9	1209.3	1205.2	1221.0
15°	1181.9	1183.6	1190.2	1186.0	1201.9
17.5°	1157.8	1160.3	1168.6	1164.4	1180.2
20°	1131.2	1132.0	1144.5	1139.5	1156.9
22.5°	1101.2	1100.4	1117.0	1112.9	1127.8
25°	1066.3	1067.9	1085.4	1082.9	1097.9
27.5°	1030.5	1033.0	1053.8	1049.6	1065.4
30°	994.8	996.4	1018.0	1014.7	1031.3
32.5°	957.3	959.0	980.6	979.8	993.9
35°	916.6	919.1	940.7	941.5	955.7
37.5°	877.5	878.3	899.9	902.4	916.6
40°	834.2	837.6	858.3	862.5	876.6
42.5°	791.8	795.1	815.1	820.9	833.4
45°	750.2	752.7	771.0	779.3	790.1
47.5°	707.8	709.5	726.9	736.1	746.1
50°	663.7	667.0	682.9	692.0	702.0
52.5°	620.5	623.8	639.6	648.8	656.2
55°	576.4	580.5	594.7	605.5	611.3
57.5°	532.3	536.5	549.8	560.6	567.2
60°	488.2	492.4	504.0	515.7	522.3
62.5°	442.5	447.5	458.3	470.8	477.4
65°	397.6	401.7	412.5	424.2	431.7
67.5°	353.5	357.6	366.8	377.6	385.9
70°	310.2	312.7	321.0	331.9	341.0
72.5°	266.2	268.6	275.3	285.3	295.3
75°	220.4	222.1	230.4	238.7	247.9
77.5°	174.7	176.3	183.8	193.0	200.4
80°	130.6	133.1	140.6	148.9	155.5
82.5°	87.3	89.0	98.1	106.5	111.5
85°	47.4	49.1	55.7	64.9	69.9
87.5°	12.5	13.3	17.5	25.8	31.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)