

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: P302993

Luminaire Tested: **CTW-F-0100-20L935-UNV-STD-8**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P302993  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G2-1903-181-15)  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: CORELITE  
Catalog Number: CTW-F-0100-20L935-UNV-STD-8  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
0% UPLIGHT, 100% DOWNLIGHT, 2000 LUMEN PACKAGE  
Light Source: 3500K CCT, 90 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

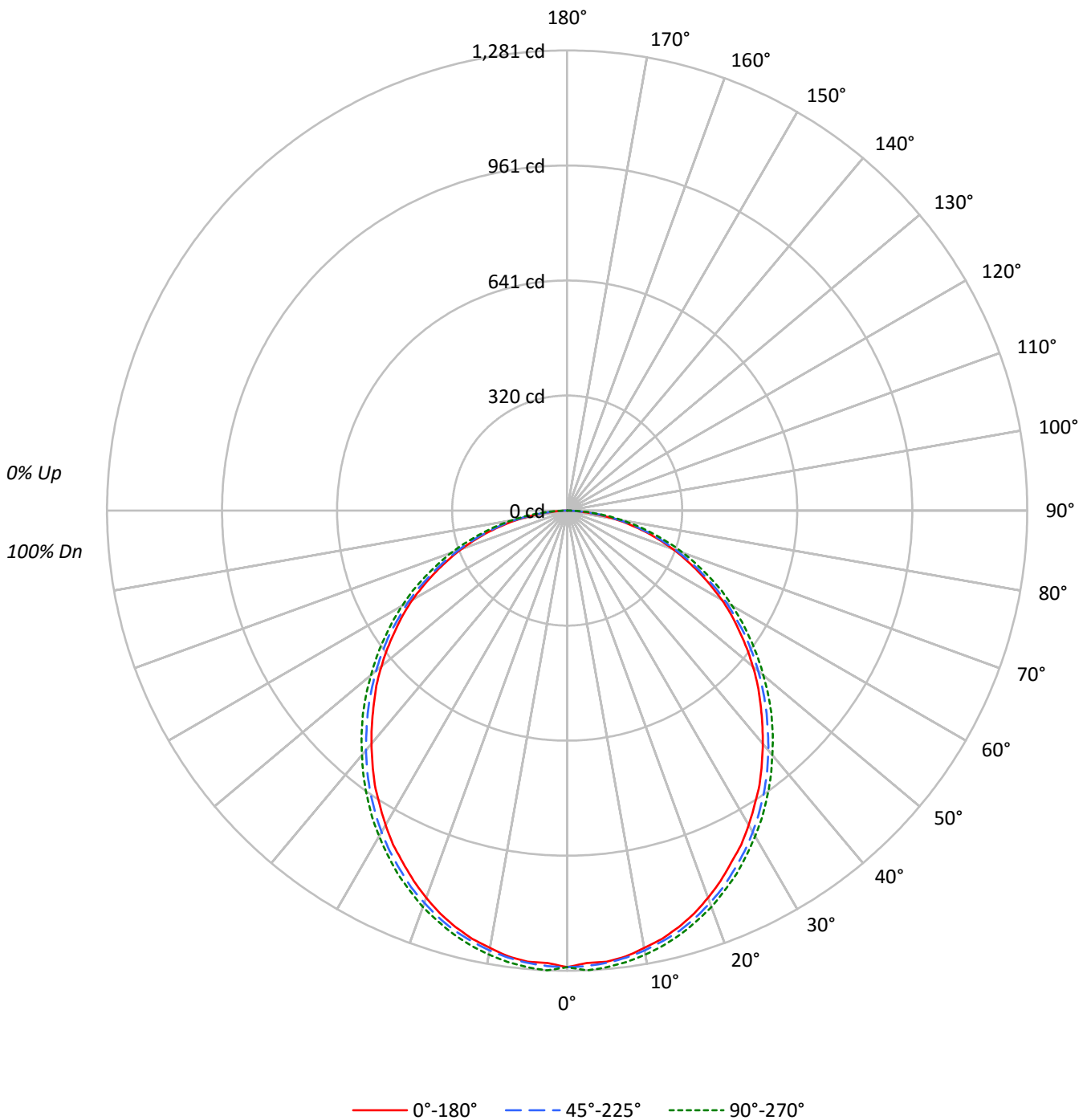
Lumens per Lamp: N/A  
Luminaire Lumens: 3427.7 lumens  
Efficiency: N/A  
Efficacy: 99.9 lumens/watt  
Spacing Criteria (0/90/45): 1.19 / 1.23 / 1.32  
Luminous Opening: Rectangular (W 8' x L: 0.12' x H: 0')  
CIE Type: Direct

Input Watts (W): 34.3  
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	71	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	47	41	52	46	41	51	45	40	38
7	65	52	43	37	63	51	42	37	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	30	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°	13679	13679	13679
5°	13620	13656	13787
10°	13514	13589	13720
15°	13375	13490	13605
20°	13137	13315	13452
25°	12843	13089	13253
30°	12563	12842	13013
35°	12264	12558	12762
40°	11904	12243	12486
45°	11586	11927	12242
50°	11303	11622	11938
55°	10988	11342	11665
60°	10714	11009	11418
65°	10262	10570	11097
70°	9863	10134	10785
75°	9237	9594	10314
80°	8219	8753	9713
85°	5743	6805	8719



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	119.9	3.5
10°-20°	340.3	9.9
20°-30°	505.1	14.7
30°-40°	593.8	17.3
40°-50°	602.4	17.6
50°-60°	539.0	15.7
60°-70°	413.4	12.1
70°-80°	246.2	7.2
80°-90°	67.7	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°	965.2	28.2
0°-40°	1559.1	45.5
0°-60°	2700.4	78.8
0°-90°	3427.7	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3427.7	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1271	1271	1271	1271	1271	
5°	1260	1260	1264	1260	1276	120
15°	1200	1204	1211	1205	1221	338
25°	1081	1085	1102	1100	1116	499
35°	933	933	956	956	971	583
45°	761	765	784	792	804	588
55°	586	589	604	615	622	524
65°	403	405	415	425	436	400
75°	222	224	231	241	248	235
85°	46	50	55	67	71	58
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1270.8	1270.8	1270.8	1270.8	1270.8
2.5°	1260.5	1267.4	1269.1	1265.7	1281.2
5°	1260.5	1260.5	1263.9	1260.5	1276.0
7.5°	1251.9	1251.9	1255.3	1251.9	1267.4
10°	1236.4	1238.1	1243.3	1239.8	1255.3
12.5°	1220.9	1220.9	1227.8	1224.3	1239.8
15°	1200.2	1203.7	1210.6	1205.4	1220.9
17.5°	1176.1	1179.6	1188.2	1184.7	1198.5
20°	1146.9	1150.3	1162.4	1158.9	1174.4
22.5°	1115.9	1117.6	1134.8	1129.6	1145.1
25°	1081.4	1084.9	1102.1	1100.4	1115.9
27.5°	1048.7	1050.4	1069.4	1065.9	1081.4
30°	1010.8	1014.3	1033.2	1033.2	1047.0
32.5°	971.2	974.7	995.3	995.3	1010.8
35°	933.3	933.3	955.7	955.7	971.2
37.5°	890.3	892.0	914.4	916.1	931.6
40°	847.2	850.7	871.3	876.5	888.6
42.5°	804.2	809.3	826.6	835.2	847.2
45°	761.1	764.6	783.5	792.1	804.2
47.5°	719.8	721.5	738.7	747.3	759.4
50°	675.0	676.7	694.0	702.6	712.9
52.5°	630.3	633.7	649.2	659.5	668.1
55°	585.5	588.9	604.4	614.8	621.6
57.5°	542.4	544.2	556.2	568.3	576.9
60°	497.7	499.4	511.4	523.5	530.4
62.5°	449.4	452.9	464.9	477.0	485.6
65°	402.9	404.7	415.0	425.3	435.7
67.5°	358.2	359.9	368.5	380.6	389.2
70°	313.4	315.1	322.0	332.3	342.7
72.5°	266.9	268.6	275.5	287.6	294.5
75°	222.1	223.9	230.7	241.1	248.0
77.5°	177.4	180.8	186.0	198.0	201.5
80°	132.6	136.0	141.2	153.3	156.7
82.5°	87.8	91.3	99.9	108.5	111.9
85°	46.5	49.9	55.1	67.2	70.6
87.5°	12.1	12.1	17.2	27.6	31.0
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)