

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: P303001

Luminaire Tested: **CTW-F-0100-30L835-UNV-STD-6**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303001  
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-0100-30L835-UNV-STD-6  
Description: CORELITE CONTINUA LINEAR WALL LED LUMINAIRE  
0% UPLIGHT, 100% DOWNLIGHT, 3000 LUMEN PACKAGE  
Light Source: 3500K CCT, 80 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 4510.6 lumens  
Efficiency: N/A  
Efficacy: 110.3 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

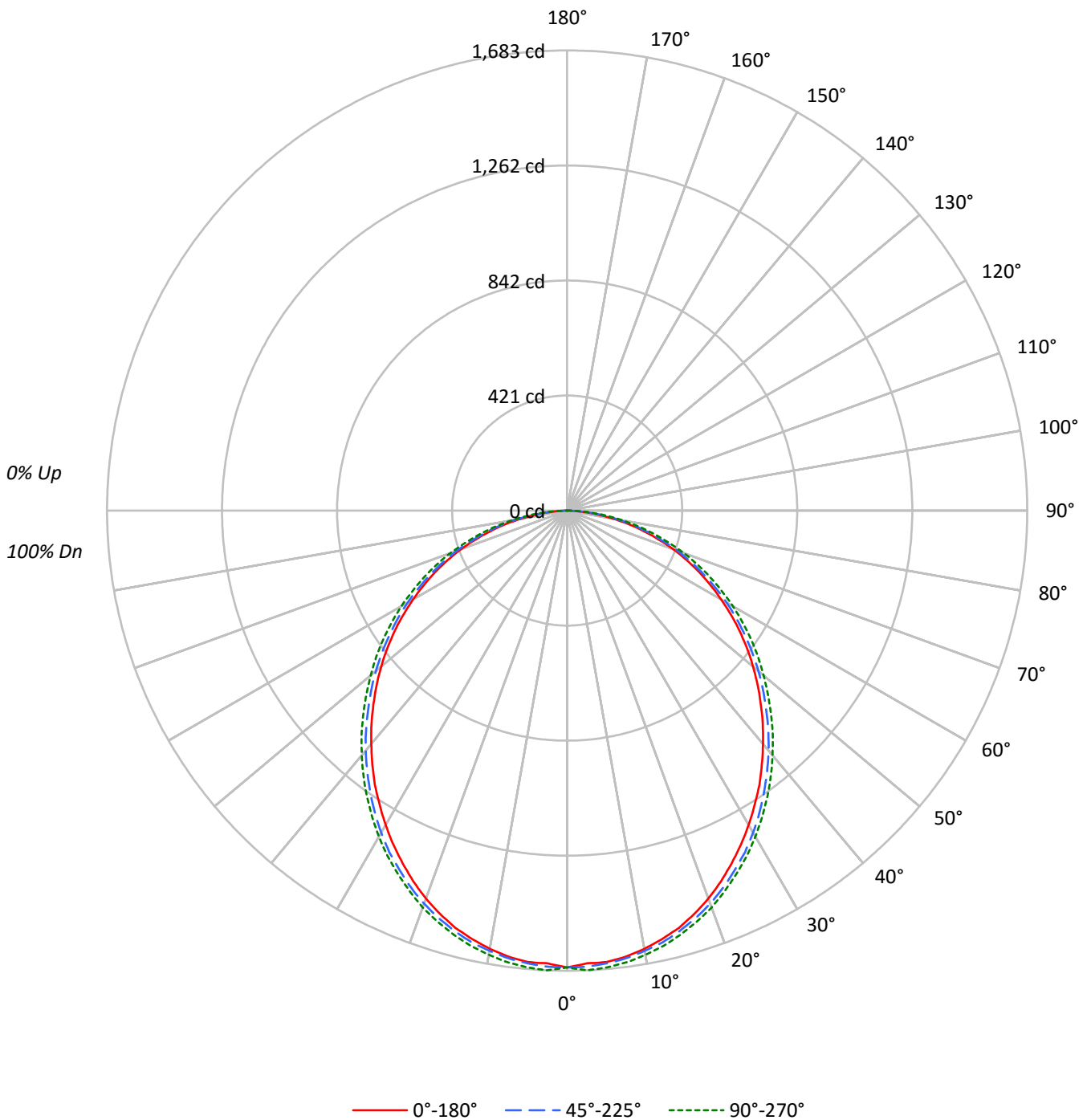
Input Watts (W): 40.9  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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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°	23982	23982	23982
5°	23879	23944	24160
10°	23718	23827	24046
15°	23468	23647	23847
20°	23070	23368	23597
25°	22542	22969	23207
30°	22000	22546	22820
35°	21471	21997	22365
40°	20880	21470	21892
45°	20337	20885	21403
50°	19827	20396	20932
55°	19292	19855	20530
60°	18686	19332	20107
65°	18083	18695	19612
70°	17309	18065	19009
75°	16053	16968	18133
80°	14133	15621	16984
85°	10127	11856	15314



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	157.7	3.5
10°-20°	447.5	9.9
20°-30°	664.3	14.7
30°-40°	780.8	17.3
40°-50°	792.1	17.6
50°-60°	708.9	15.7
60°-70°	546.3	12.1
70°-80°	324.5	7.2
80°-90°	88.5	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°	1269.5	28.1
0°-40°	2050.3	45.5
0°-60°	3551.2	78.7
0°-90°	4510.6	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	4510.6	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1671	1671	1671	1671	1671	
5°	1658	1658	1662	1658	1677	157
15°	1580	1582	1592	1586	1605	445
25°	1424	1425	1450	1446	1466	656
35°	1226	1228	1256	1257	1276	766
45°	1002	1006	1029	1041	1054	773
55°	771	774	794	807	820	689
65°	532	537	550	566	578	527
75°	290	296	306	316	327	306
85°	62	63	72	88	93	75
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1671.0	1671.0	1671.0	1671.0	1671.0
2.5°	1657.5	1665.0	1669.5	1665.0	1683.0
5°	1657.5	1657.5	1662.0	1657.5	1677.0
7.5°	1645.5	1645.5	1651.5	1647.0	1666.5
10°	1627.5	1629.0	1635.0	1630.5	1650.0
12.5°	1605.0	1606.5	1617.0	1609.5	1630.5
15°	1579.5	1582.5	1591.5	1585.5	1605.0
17.5°	1546.5	1551.0	1563.0	1555.5	1576.5
20°	1510.5	1512.0	1530.0	1524.0	1545.0
22.5°	1468.5	1468.5	1492.5	1486.5	1506.0
25°	1423.5	1425.0	1450.5	1446.0	1465.5
27.5°	1377.0	1381.5	1408.5	1404.0	1423.5
30°	1327.5	1332.0	1360.5	1357.5	1377.0
32.5°	1276.5	1281.0	1309.5	1308.0	1327.5
35°	1225.5	1228.5	1255.5	1257.0	1276.5
37.5°	1170.0	1174.5	1201.5	1206.0	1224.0
40°	1114.5	1120.5	1146.0	1152.0	1168.5
42.5°	1059.0	1063.5	1089.0	1096.5	1113.0
45°	1002.0	1006.5	1029.0	1041.0	1054.5
47.5°	945.0	949.5	972.0	981.0	996.0
50°	888.0	891.0	913.5	925.5	937.5
52.5°	829.5	834.0	853.5	865.5	880.5
55°	771.0	774.0	793.5	807.0	820.5
57.5°	711.0	715.5	733.5	748.5	760.5
60°	651.0	655.5	673.5	687.0	700.5
62.5°	591.0	597.0	612.0	628.5	637.5
65°	532.5	537.0	550.5	565.5	577.5
67.5°	472.5	477.0	489.0	504.0	516.0
70°	412.5	417.0	430.5	442.5	453.0
72.5°	349.5	354.0	364.5	378.0	388.5
75°	289.5	295.5	306.0	316.5	327.0
77.5°	231.0	237.0	247.5	259.5	265.5
80°	171.0	177.0	189.0	199.5	205.5
82.5°	114.0	117.0	130.5	144.0	148.5
85°	61.5	63.0	72.0	88.5	93.0
87.5°	15.0	16.5	22.5	34.5	40.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)