

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: P303007

Luminaire Tested: **CTW-F-0100-30L835-UNV-STD-8**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P303007  
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-8  
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**

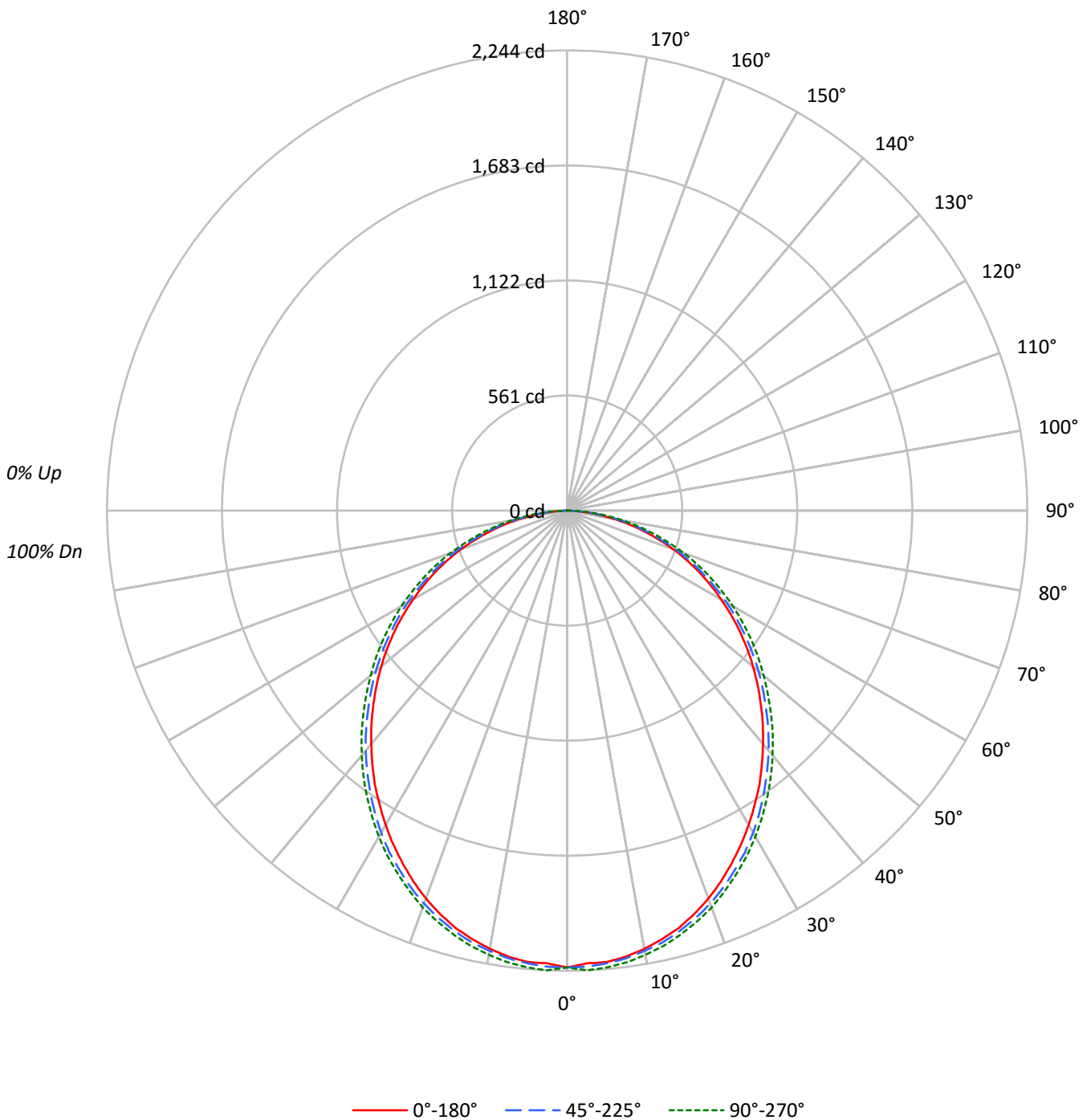
Lumens per Lamp: N/A  
Luminaire Lumens: 6014.1 lumens  
Efficiency: N/A  
Efficacy: 109.5 lumens/watt  
Spacing Criteria (0/90/45): 1.19 / 1.23 / 1.32  
Luminous Opening: Rectangular (W 8' x L: 0.12' x H: 0')  
CIE Type: Direct

Input Watts (W): 54.9  
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°	210.3	3.5
10°-20°	596.6	9.9
20°-30°	885.7	14.7
30°-40°	1041.1	17.3
40°-50°	1056.1	17.6
50°-60°	945.2	15.7
60°-70°	728.5	12.1
70°-80°	432.7	7.2
80°-90°	118.0	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°	1692.6	28.1
0°-40°	2733.7	45.5
0°-60°	4735.0	78.7
0°-90°	6014.1	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	6014.1	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	2228	2228	2228	2228	2228	
5°	2210	2210	2216	2210	2236	210
15°	2106	2110	2122	2114	2140	593
25°	1898	1900	1934	1928	1954	874
35°	1634	1638	1674	1676	1702	1021
45°	1336	1342	1372	1388	1406	1031
55°	1028	1032	1058	1076	1094	919
65°	710	716	734	754	770	702
75°	386	394	408	422	436	408
85°	82	84	96	118	124	100
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	2228	2228	2228	2228	2228
2.5°	2210	2220	2226	2220	2244
5°	2210	2210	2216	2210	2236
7.5°	2194	2194	2202	2196	2222
10°	2170	2172	2180	2174	2200
12.5°	2140	2142	2156	2146	2174
15°	2106	2110	2122	2114	2140
17.5°	2062	2068	2084	2074	2102
20°	2014	2016	2040	2032	2060
22.5°	1958	1958	1990	1982	2008
25°	1898	1900	1934	1928	1954
27.5°	1836	1842	1878	1872	1898
30°	1770	1776	1814	1810	1836
32.5°	1702	1708	1746	1744	1770
35°	1634	1638	1674	1676	1702
37.5°	1560	1566	1602	1608	1632
40°	1486	1494	1528	1536	1558
42.5°	1412	1418	1452	1462	1484
45°	1336	1342	1372	1388	1406
47.5°	1260	1266	1296	1308	1328
50°	1184	1188	1218	1234	1250
52.5°	1106	1112	1138	1154	1174
55°	1028	1032	1058	1076	1094
57.5°	948	954	978	998	1014
60°	868	874	898	916	934
62.5°	788	796	816	838	850
65°	710	716	734	754	770
67.5°	630	636	652	672	688
70°	550	556	574	590	604
72.5°	466	472	486	504	518
75°	386	394	408	422	436
77.5°	308	316	330	346	354
80°	228	236	252	266	274
82.5°	152	156	174	192	198
85°	82	84	96	118	124
87.5°	20	22	30	46	54
90°	0	0	0	0	0

(END OF REPORT)