

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: P302987

Luminaire Tested: **CTW-F-0100-20L935-UNV-STD-6**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P302987
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-6
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: 2570.8 lumens
Efficiency: N/A
Efficacy: 99.6 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

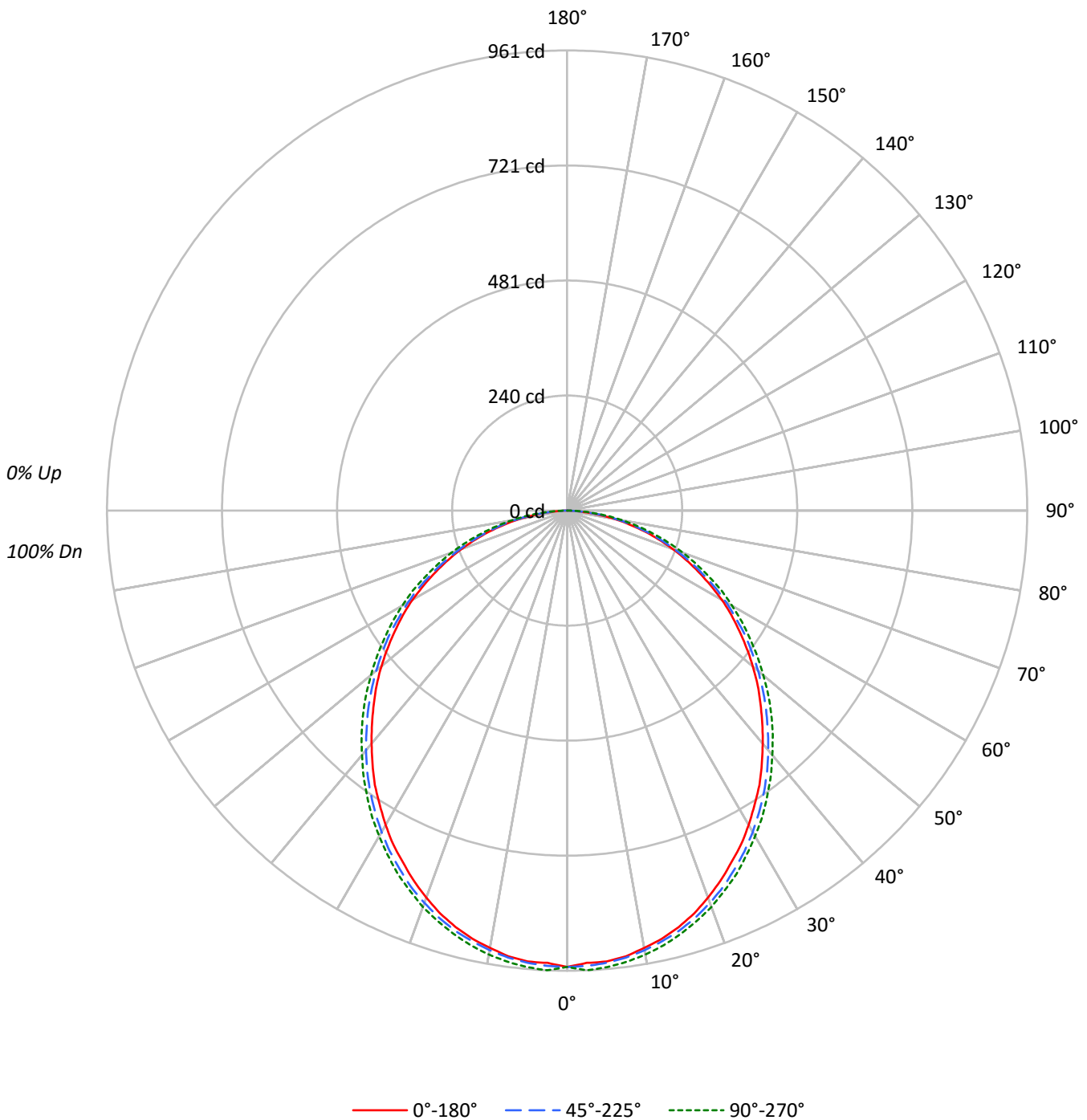
Input Watts (W): 25.8
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	13658	13787
10°	13514	13590	13721
15°	13375	13490	13606
20°	13136	13315	13452
25°	12844	13090	13253
30°	12563	12842	13012
35°	12264	12559	12762
40°	11904	12243	12485
45°	11585	11926	12241
50°	11304	11622	11939
55°	10987	11342	11665
60°	10712	11011	11418
65°	10263	10572	11095
70°	9865	10134	10784
75°	9238	9599	10314
80°	8215	8753	9711
85°	5747	6801	8727



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	89.9	3.5
10°-20°	255.2	9.9
20°-30°	378.8	14.7
30°-40°	445.4	17.3
40°-50°	451.8	17.6
50°-60°	404.2	15.7
60°-70°	310.0	12.1
70°-80°	184.6	7.2
80°-90°	50.8	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°	723.9	28.2
0°-40°	1169.3	45.5
0°-60°	2025.3	78.8
0°-90°	2570.8	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2570.8	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	953	953	953	953	953	
5°	945	945	948	945	957	90
15°	900	903	908	904	916	254
25°	811	814	827	825	837	374
35°	700	700	717	717	728	437
45°	571	573	588	594	603	441
55°	439	442	453	461	466	393
65°	302	304	311	319	327	300
75°	167	168	173	181	186	176
85°	35	38	41	50	53	43
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	953.1	953.1	953.1	953.1	953.1
2.5°	945.4	950.5	951.8	949.3	960.9
5°	945.4	945.4	948.0	945.4	957.0
7.5°	938.9	938.9	941.5	938.9	950.5
10°	927.3	928.6	932.5	929.9	941.5
12.5°	915.7	915.7	920.8	918.3	929.9
15°	900.2	902.8	907.9	904.1	915.7
17.5°	882.1	884.7	891.1	888.6	898.9
20°	860.1	862.7	871.8	869.2	880.8
22.5°	836.9	838.2	851.1	847.2	858.8
25°	811.1	813.6	826.6	825.3	836.9
27.5°	786.5	787.8	802.0	799.4	811.1
30°	758.1	760.7	774.9	774.9	785.2
32.5°	728.4	731.0	746.5	746.5	758.1
35°	700.0	700.0	716.8	716.8	728.4
37.5°	667.7	669.0	685.8	687.1	698.7
40°	635.4	638.0	653.5	657.4	666.4
42.5°	603.1	607.0	619.9	626.4	635.4
45°	570.8	573.4	587.6	594.1	603.1
47.5°	539.8	541.1	554.1	560.5	569.6
50°	506.3	507.6	520.5	526.9	534.7
52.5°	472.7	475.3	486.9	494.6	501.1
55°	439.1	441.7	453.3	461.1	466.2
57.5°	406.8	408.1	417.2	426.2	432.7
60°	373.2	374.5	383.6	392.6	397.8
62.5°	337.1	339.7	348.7	357.7	364.2
65°	302.2	303.5	311.3	319.0	326.7
67.5°	268.6	269.9	276.4	285.4	291.9
70°	235.1	236.3	241.5	249.3	257.0
72.5°	200.2	201.5	206.6	215.7	220.8
75°	166.6	167.9	173.1	180.8	186.0
77.5°	133.0	135.6	139.5	148.5	151.1
80°	99.4	102.0	105.9	114.9	117.5
82.5°	65.9	68.4	74.9	81.4	83.9
85°	34.9	37.5	41.3	50.4	53.0
87.5°	9.0	9.0	12.9	20.7	23.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)