

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: METALUX

Report Number: P218168

Luminaire Tested: **2SNLED-LD5-26SL-LN-UNV-L835-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P218168
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35686)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNLED-LD5-26SL-LN-UNV-L835-CD1-U
Description: LED STRIP LIGHT - SNLED SERIES 2FOOT

Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2620.0 lumens
Efficiency: N/A
Efficacy: 130.4 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.04 / 1.17
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 2' x H: 0.17')
CIE Type: Direct

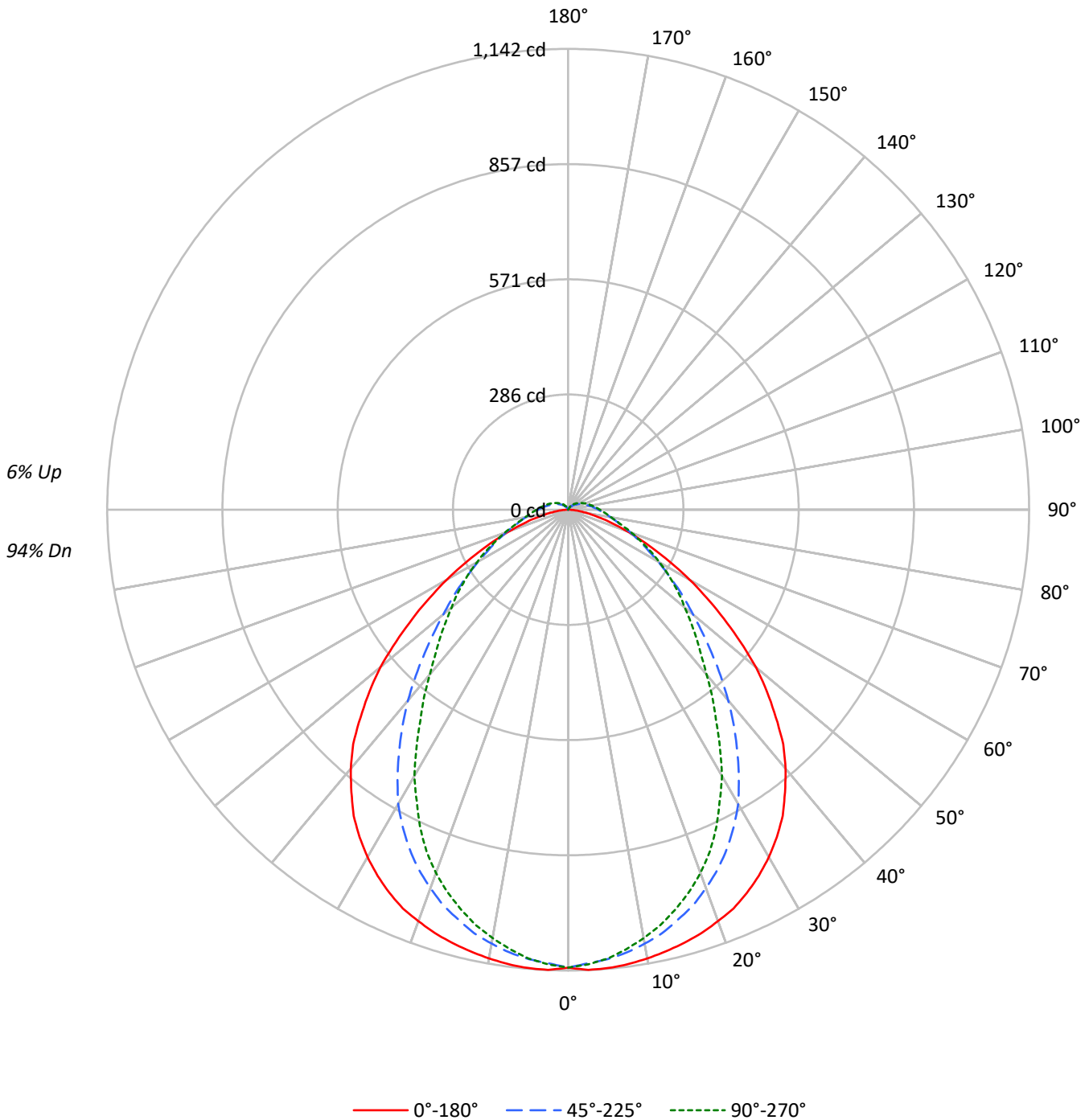
Input Watts (W): 20.1
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	94
1	108	103	99	95	105	100	97	93	95	92	89	90	88	86	86	84	82	80
2	99	91	85	79	96	89	83	78	84	79	75	80	76	73	77	73	70	68
3	91	81	73	67	88	79	72	66	75	69	64	72	67	63	69	64	61	59
4	84	73	64	58	81	71	63	57	68	61	56	65	59	55	62	57	53	51
5	77	65	57	51	75	64	56	50	61	54	49	59	53	48	56	51	47	45
6	72	59	51	45	70	58	50	44	56	49	44	54	47	43	52	46	42	40
7	67	54	46	40	65	53	45	40	51	44	39	49	43	38	47	42	38	36
8	63	50	42	36	61	49	41	36	47	40	35	45	39	35	44	38	34	32
9	59	46	38	33	57	45	38	33	43	37	32	42	36	32	41	35	31	29
10	55	42	35	30	54	42	35	30	40	34	29	39	33	29	38	32	29	27

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	36568	36568	36568
5°	36618	33899	33219
10°	36413	31479	29992
15°	36263	29115	26987
20°	36113	26764	24088
25°	35859	24339	21054
30°	35285	21724	17977
35°	34426	18697	14789
40°	32942	15800	12188
45°	30602	12967	10223
50°	27697	10564	8619
55°	23629	8704	7347
60°	19590	7110	6155
65°	15354	5894	5088
70°	11742	4943	4199
75°	8648	4188	3487
80°	5743	3691	2996
85°	3141	3346	2710



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	106.7	4.1
10°-20°	299.4	11.4
20°-30°	433.5	16.5
30°-40°	471.8	18.0
40°-50°	419.1	16.0
50°-60°	319.0	12.2
60°-70°	211.8	8.1
70°-80°	129.1	4.9
80°-90°	80.0	3.1
90°-100°	54.6	2.1
100°-110°	38.3	1.5
110°-120°	26.1	1.0
120°-130°	16.6	0.6
130°-140°	9.4	0.4
140°-150°	4.4	0.2
150°-160°	0.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	839.6	32.0
0°-40°	1311.4	50.1
0°-60°	2049.5	78.2
0°-90°	2470.3	94.3
90°-120°	119.1	4.5
90°-150°	149.5	5.7
90°-180°	150.0	5.7
0°-180°	2620.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1135	1135	1135	1135	1135	
5°	1140	1133	1118	1124	1117	108
15°	1111	1092	1052	1039	1026	314
25°	1048	1001	929	892	868	482
35°	926	843	730	667	639	577
45°	728	618	502	460	449	560
55°	471	382	324	319	318	422
65°	237	204	204	213	210	239
75°	91	104	130	137	132	99
85°	17	52	88	94	91	20
90°	0	39	74	81	79	1
95°	0	30	64	70	69	0
105°	0	19	46	52	52	0
115°	0	12	33	40	39	0
125°	0	8	22	28	28	0
135°	0	6	15	19	19	0
145°	0	3	8	11	11	0
155°	0	0	0	0	0	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1134.7	1134.7	1134.7	1134.7	1134.7
2.5°	1141.6	1136.0	1125.0	1131.9	1127.8
5°	1140.2	1133.3	1118.1	1123.6	1116.7
7.5°	1136.0	1127.8	1107.1	1109.8	1098.8
10°	1129.1	1118.1	1091.9	1089.1	1078.1
12.5°	1120.9	1107.1	1075.3	1065.6	1054.6
15°	1111.2	1091.9	1051.8	1039.4	1025.6
17.5°	1100.1	1073.9	1028.4	1009.0	993.9
20°	1085.0	1053.2	998.0	974.5	958.0
22.5°	1069.8	1028.4	966.3	934.5	916.6
25°	1047.7	1000.8	929.0	891.7	868.2
27.5°	1022.8	969.0	887.6	839.3	813.0
30°	993.9	931.7	842.0	785.4	762.0
32.5°	962.1	890.3	786.8	726.1	699.8
35°	926.2	843.4	730.2	666.7	639.1
37.5°	882.1	792.3	673.6	608.7	586.7
40°	837.9	738.5	617.0	556.3	532.8
42.5°	788.2	679.1	559.0	503.8	487.3
45°	727.5	618.4	502.5	459.7	448.6
47.5°	668.1	556.3	451.4	421.0	411.3
50°	607.4	495.6	403.1	383.7	376.8
52.5°	537.0	436.2	363.0	350.6	347.9
55°	470.7	382.4	324.4	318.9	317.5
57.5°	407.2	331.3	288.5	292.6	289.9
60°	347.9	284.4	256.7	262.3	260.9
62.5°	289.9	241.6	227.8	238.8	236.0
65°	237.4	204.3	204.3	212.6	209.8
67.5°	191.9	173.9	182.2	190.5	187.7
70°	153.2	146.3	162.9	169.8	167.0
72.5°	118.7	122.9	143.6	151.8	147.7
75°	91.1	103.5	129.8	136.7	132.5
77.5°	64.9	87.0	117.3	122.9	118.7
80°	45.6	73.2	106.3	111.8	107.7
82.5°	29.0	62.1	96.6	102.1	99.4
85°	16.6	52.5	88.3	93.9	91.1
87.5°	8.3	45.6	80.1	87.0	84.2
90°	0.0	38.7	74.5	81.4	78.7
92.5°	0.0	34.5	69.0	75.9	73.2
95°	0.0	30.4	63.5	70.4	69.0
97.5°	0.0	27.6	59.4	66.3	63.5
100°	0.0	23.5	53.8	60.7	59.4
102.5°	0.0	22.1	49.7	56.6	55.2
105°	0.0	19.3	45.6	52.5	52.5
107.5°	0.0	17.9	42.8	49.7	48.3
110°	0.0	15.2	38.7	45.6	45.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	13.8	35.9	42.8	41.4
115°	0.0	12.4	33.1	40.0	38.7
117.5°	0.0	12.4	30.4	35.9	35.9
120°	0.0	11.0	27.6	33.1	33.1
122.5°	0.0	9.7	24.8	30.4	30.4
125°	0.0	8.3	22.1	27.6	27.6
127.5°	0.0	8.3	20.7	26.2	26.2
130°	0.0	6.9	17.9	23.5	23.5
132.5°	0.0	5.5	16.6	20.7	20.7
135°	0.0	5.5	15.2	19.3	19.3
137.5°	0.0	4.1	12.4	16.6	16.6
140°	0.0	4.1	11.0	15.2	15.2
142.5°	0.0	2.8	9.7	13.8	12.4
145°	0.0	2.8	8.3	11.0	11.0
147.5°	0.0	1.4	6.9	9.7	9.7
150°	0.0	1.4	5.5	8.3	6.9
152.5°	0.0	0.0	0.0	0.0	0.0
155°	0.0	0.0	0.0	0.0	0.0
157.5°	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)