

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: P218185

Luminaire Tested: **4SNLED-LD5-26SL-LN-UNV-L840-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P218185
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: 4SNLED-LD5-26SL-LN-UNV-L840-CD1-U
Description: LED STRIP LIGHT - SNLED SERIES 4FOOT

Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2798.0 lumens
Efficiency: N/A
Efficacy: 145.0 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.04 / 1.17
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.17')
CIE Type: Direct

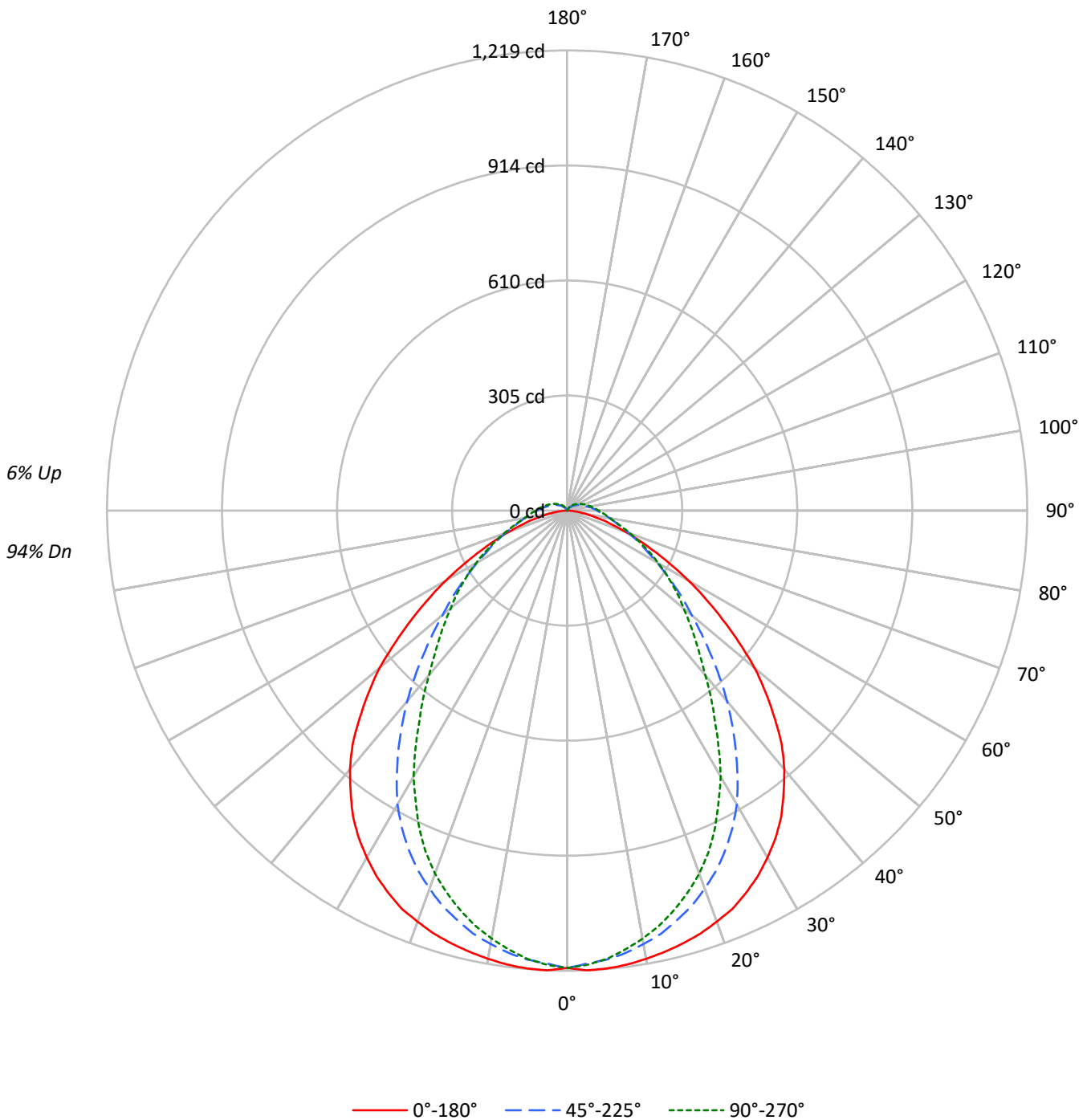
Input Watts (W): 19.3
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	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°	19525	19525	19525
5°	19623	18145	17739
10°	19585	16885	16014
15°	19578	15650	14411
20°	19572	14412	12862
25°	19514	13129	11243
30°	19284	11739	9598
35°	18906	10120	7896
40°	18185	8566	6508
45°	16995	7041	5459
50°	15489	5746	4602
55°	13328	4742	3923
60°	11165	3883	3286
65°	8875	3225	2717
70°	6915	2709	2243
75°	5241	2302	1862
80°	3646	2034	1600
85°	2215	1851	1447



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.9	4.1
10°-20°	319.7	11.4
20°-30°	463.0	16.5
30°-40°	503.9	18.0
40°-50°	447.5	16.0
50°-60°	340.6	12.2
60°-70°	226.2	8.1
70°-80°	137.8	4.9
80°-90°	85.4	3.1
90°-100°	58.3	2.1
100°-110°	40.9	1.5
110°-120°	27.9	1.0
120°-130°	17.7	0.6
130°-140°	10.1	0.4
140°-150°	4.7	0.2
150°-160°	0.3	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	896.6	32.0
0°-40°	1400.5	50.1
0°-60°	2188.7	78.2
0°-90°	2638.1	94.3
90°-120°	127.2	4.5
90°-150°	159.6	5.7
90°-180°	160.0	5.7
0°-180°	2798.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1212	1212	1212	1212	1212	
5°	1218	1210	1194	1200	1193	116
15°	1187	1166	1123	1110	1095	335
25°	1119	1069	992	952	927	515
35°	989	901	780	712	682	616
45°	777	660	537	491	479	598
55°	503	408	346	340	339	451
65°	254	218	218	227	224	256
75°	97	111	139	146	142	105
85°	18	56	94	100	97	21
90°	0	41	80	87	84	1
95°	0	32	68	75	74	0
105°	0	21	49	56	56	0
115°	0	13	35	43	41	0
125°	0	9	24	30	30	0
135°	0	6	16	21	21	0
145°	0	3	9	12	12	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°	1211.7	1211.7	1211.7	1211.7	1211.7
2.5°	1219.1	1213.2	1201.4	1208.8	1204.4
5°	1217.6	1210.3	1194.1	1200.0	1192.6
7.5°	1213.2	1204.4	1182.3	1185.2	1173.4
10°	1205.8	1194.1	1166.0	1163.1	1151.3
12.5°	1197.0	1182.3	1148.4	1138.0	1126.2
15°	1186.7	1166.0	1123.3	1110.0	1095.3
17.5°	1174.9	1146.9	1098.2	1077.6	1061.4
20°	1158.7	1124.8	1065.8	1040.7	1023.1
22.5°	1142.5	1098.2	1031.9	998.0	978.8
25°	1118.9	1068.8	992.1	952.3	927.2
27.5°	1092.3	1034.8	947.9	896.3	868.3
30°	1061.4	995.0	899.2	838.8	813.7
32.5°	1027.5	950.8	840.3	775.4	747.4
35°	989.2	900.7	779.8	712.0	682.5
37.5°	942.0	846.2	719.4	650.1	626.5
40°	894.8	788.7	658.9	594.1	569.0
42.5°	841.7	725.3	597.0	538.1	520.4
45°	776.9	660.4	536.6	490.9	479.1
47.5°	713.5	594.1	482.0	449.6	439.3
50°	648.6	529.2	430.4	409.8	402.4
52.5°	573.4	465.8	387.7	374.4	371.5
55°	502.7	408.3	346.4	340.5	339.1
57.5°	434.9	353.8	308.1	312.5	309.6
60°	371.5	303.7	274.2	280.1	278.6
62.5°	309.6	258.0	243.2	255.0	252.1
65°	253.6	218.2	218.2	227.0	224.1
67.5°	204.9	185.7	194.6	203.4	200.5
70°	163.6	156.3	173.9	181.3	178.4
72.5°	126.8	131.2	153.3	162.2	157.7
75°	97.3	110.6	138.6	145.9	141.5
77.5°	69.3	92.9	125.3	131.2	126.8
80°	48.6	78.1	113.5	119.4	115.0
82.5°	31.0	66.3	103.2	109.1	106.1
85°	17.7	56.0	94.3	100.2	97.3
87.5°	8.8	48.6	85.5	92.9	89.9
90°	0.0	41.3	79.6	87.0	84.0
92.5°	0.0	36.9	73.7	81.1	78.1
95°	0.0	32.4	67.8	75.2	73.7
97.5°	0.0	29.5	63.4	70.8	67.8
100°	0.0	25.1	57.5	64.9	63.4
102.5°	0.0	23.6	53.1	60.4	59.0
105°	0.0	20.6	48.6	56.0	56.0
107.5°	0.0	19.2	45.7	53.1	51.6
110°	0.0	16.2	41.3	48.6	48.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	14.7	38.3	45.7	44.2
115°	0.0	13.3	35.4	42.8	41.3
117.5°	0.0	13.3	32.4	38.3	38.3
120°	0.0	11.8	29.5	35.4	35.4
122.5°	0.0	10.3	26.5	32.4	32.4
125°	0.0	8.8	23.6	29.5	29.5
127.5°	0.0	8.8	22.1	28.0	28.0
130°	0.0	7.4	19.2	25.1	25.1
132.5°	0.0	5.9	17.7	22.1	22.1
135°	0.0	5.9	16.2	20.6	20.6
137.5°	0.0	4.4	13.3	17.7	17.7
140°	0.0	4.4	11.8	16.2	16.2
142.5°	0.0	2.9	10.3	14.7	13.3
145°	0.0	2.9	8.8	11.8	11.8
147.5°	0.0	1.5	7.4	10.3	10.3
150°	0.0	1.5	5.9	8.8	7.4
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)