

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: P218065

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

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P218065
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35685)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNLED-LD5-26SL-LC-UNV-L840-CD1-U
Description: LED STRIP LIGHT - SNLED SERIES 4FOOT

Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2882.0 lumens
Efficiency: N/A
Efficacy: 149.3 lumens/watt
Spacing Criteria (0/90/45): 1.59 / 1.17 / 1.18
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.17')
CIE Type: Direct

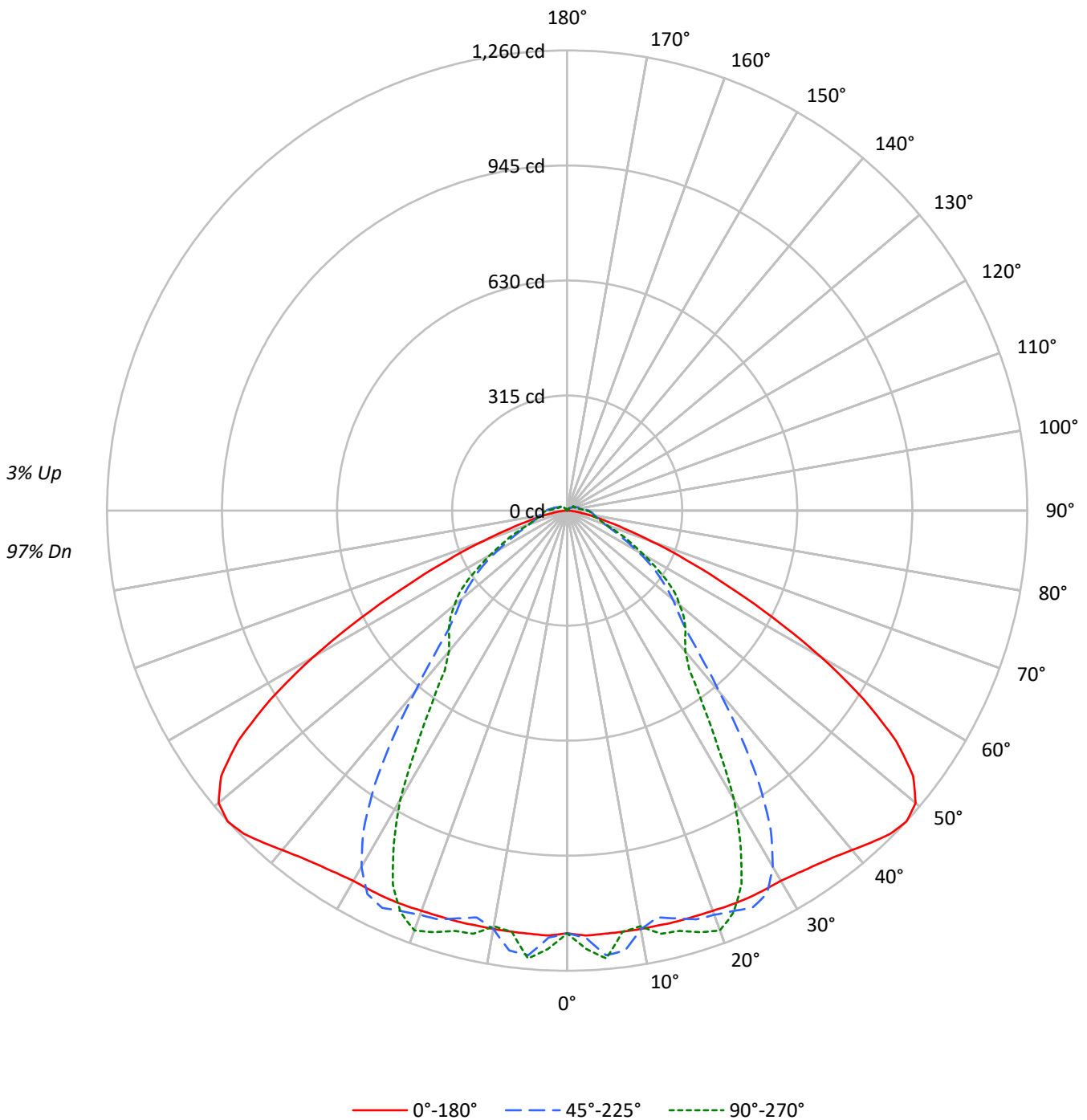
Input Watts (W): 19.3
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	50	30	10	0	
RCR																						
0	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	99	99	99	97	
1	109	105	101	98	106	102	99	96	97	95	92	93	91	89	89	87	85	89	87	85	83	
2	100	93	87	82	98	91	85	81	87	82	78	83	79	76	80	77	74	80	77	74	72	
3	93	83	76	70	90	81	75	69	78	72	67	75	70	66	72	68	64	72	68	64	62	
4	85	75	67	60	83	73	66	60	70	64	59	68	62	58	65	60	56	65	60	56	54	
5	79	67	59	53	77	66	58	53	64	57	52	61	55	51	59	54	50	59	54	50	48	
6	73	61	53	47	71	60	52	47	58	51	46	56	50	45	54	49	45	54	49	45	43	
7	68	56	48	42	66	55	47	42	53	46	41	51	45	41	50	44	40	50	44	40	38	
8	64	51	43	38	62	50	43	37	49	42	37	47	41	37	46	40	36	46	40	36	34	
9	60	47	39	34	58	46	39	34	45	38	34	44	38	33	43	37	33	43	37	33	31	
10	56	44	36	31	55	43	36	31	42	35	31	41	35	30	40	34	30	40	34	30	28	

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	18648	18648	18648
5°	18747	18572	18310
10°	18893	16845	16077
15°	19215	16103	15672
20°	19697	15928	15383
25°	20415	15880	13693
30°	21268	14703	10782
35°	22654	11938	7471
40°	24658	8433	5750
45°	27379	5997	5224
50°	29748	5038	4604
55°	29158	4137	3838
60°	24190	3131	2870
65°	16717	2266	2110
70°	10406	1723	1446
75°	5877	1470	1145
80°	3316	1375	985
85°	1477	1331	986



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	113.8	3.9
10°-20°	335.0	11.6
20°-30°	532.4	18.5
30°-40°	574.0	19.9
40°-50°	494.8	17.2
50°-60°	374.6	13.0
60°-70°	202.3	7.0
70°-80°	96.1	3.3
80°-90°	60.3	2.1
90°-100°	38.4	1.3
100°-110°	24.6	0.9
110°-120°	16.4	0.6
120°-130°	10.8	0.4
130°-140°	5.3	0.2
140°-150°	2.3	0.1
150°-160°	0.8	0.0
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-30°	981.2	34.0
0°-40°	1555.2	54.0
0°-60°	2424.5	84.1
0°-90°	2783.3	96.6
90°-120°	79.4	2.8
90°-150°	97.8	3.4
90°-180°	99.0	3.4
0°-180°	2882.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1157	1157	1157	1157	1157	
5°	1163	1188	1222	1238	1231	111
15°	1165	1196	1156	1196	1191	330
25°	1171	1148	1200	1168	1129	541
35°	1185	1141	920	703	646	747
45°	1252	784	457	453	458	963
55°	1100	339	302	330	332	957
65°	478	144	153	172	174	491
75°	109	75	88	88	87	128
85°	12	46	68	68	66	17
90°	0	35	59	58	53	1
95°	0	28	47	43	40	0
105°	0	18	32	30	26	0
115°	0	10	22	22	22	0
125°	0	6	15	19	18	0
135°	0	3	9	10	10	0
145°	0	2	4	6	4	0
155°	0	2	2	3	2	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°	1157.3	1157.3	1157.3	1157.3	1157.3
2.5°	1164.7	1166.1	1170.6	1192.7	1201.5
5°	1163.2	1188.2	1222.2	1238.4	1231.0
7.5°	1163.2	1214.8	1214.8	1183.8	1163.2
10°	1163.2	1229.5	1163.2	1157.3	1155.8
12.5°	1163.2	1220.7	1141.1	1182.3	1186.8
15°	1164.7	1195.6	1155.8	1195.6	1191.2
17.5°	1164.7	1166.1	1173.5	1204.5	1210.4
20°	1166.1	1147.0	1177.9	1228.0	1223.6
22.5°	1169.1	1144.0	1186.8	1217.7	1191.2
25°	1170.6	1148.4	1200.0	1167.6	1129.3
27.5°	1170.6	1154.3	1183.8	1090.9	1027.5
30°	1170.6	1157.3	1126.3	984.8	914.0
32.5°	1176.4	1154.3	1037.9	846.2	769.6
35°	1185.3	1141.1	919.9	703.2	645.7
37.5°	1197.1	1105.7	781.4	588.2	549.9
40°	1213.3	1029.0	648.7	514.5	502.7
42.5°	1232.5	917.0	539.6	477.7	477.7
45°	1251.6	784.3	457.0	452.6	458.5
47.5°	1260.5	654.6	411.3	427.5	433.4
50°	1245.7	533.7	377.4	399.5	402.5
52.5°	1194.1	426.1	339.1	365.6	373.0
55°	1099.8	339.1	302.2	330.2	331.7
57.5°	962.7	269.8	263.9	286.0	284.5
60°	804.9	218.2	221.1	243.3	243.3
62.5°	635.4	176.9	185.8	204.9	203.4
65°	477.7	144.5	153.3	172.5	174.0
67.5°	352.3	119.4	129.7	143.0	140.1
70°	246.2	100.2	110.6	117.9	115.0
72.5°	163.6	85.5	97.3	100.2	98.8
75°	109.1	75.2	88.5	88.5	87.0
77.5°	70.8	66.3	82.6	81.1	78.1
80°	44.2	59.0	76.7	73.7	70.8
82.5°	26.5	51.6	72.2	69.3	66.3
85°	11.8	45.7	67.8	67.8	66.3
87.5°	4.4	41.3	63.4	64.9	61.9
90°	0.0	35.4	59.0	57.5	53.1
92.5°	0.0	32.4	53.1	48.7	45.7
95°	0.0	28.0	47.2	42.8	39.8
97.5°	0.0	25.1	42.8	38.3	35.4
100°	0.0	22.1	38.3	33.9	31.0
102.5°	0.0	19.2	35.4	31.0	29.5
105°	0.0	17.7	32.4	29.5	26.5
107.5°	0.0	16.2	29.5	26.5	25.1
110°	0.0	13.3	26.5	25.1	23.6



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	11.8	23.6	23.6	23.6
115°	0.0	10.3	22.1	22.1	22.1
117.5°	0.0	8.8	19.2	22.1	22.1
120°	0.0	8.8	17.7	20.6	20.6
122.5°	0.0	7.4	16.2	20.6	20.6
125°	0.0	5.9	14.7	19.2	17.7
127.5°	0.0	4.4	13.3	16.2	16.2
130°	0.0	4.4	11.8	14.7	13.3
132.5°	0.0	2.9	10.3	11.8	11.8
135°	0.0	2.9	8.8	10.3	10.3
137.5°	0.0	2.9	7.4	8.8	7.4
140°	0.0	1.5	5.9	7.4	5.9
142.5°	0.0	1.5	5.9	7.4	5.9
145°	0.0	1.5	4.4	5.9	4.4
147.5°	0.0	1.5	2.9	4.4	4.4
150°	0.0	1.5	2.9	4.4	2.9
152.5°	0.0	1.5	2.9	2.9	1.5
155°	0.0	1.5	1.5	2.9	1.5
157.5°	0.0	1.5	1.5	1.5	1.5
160°	1.5	1.5	1.5	1.5	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)