

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: P#

Luminaire Tested: **2SNLED-LD5-26SL-SLN-UNV-L935-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P#
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P27402)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNLED-LD5-26SL-SLN-UNV-L935-CD1-U
Description: 2FT LINEAR SNLED LED FIXTURE
SQUARE NARROW LENS
Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2273.0 lumens
Efficiency: N/A
Efficacy: 108.2 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 0.96 / 1.11
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 2' x H: 0.12')
CIE Type: Direct

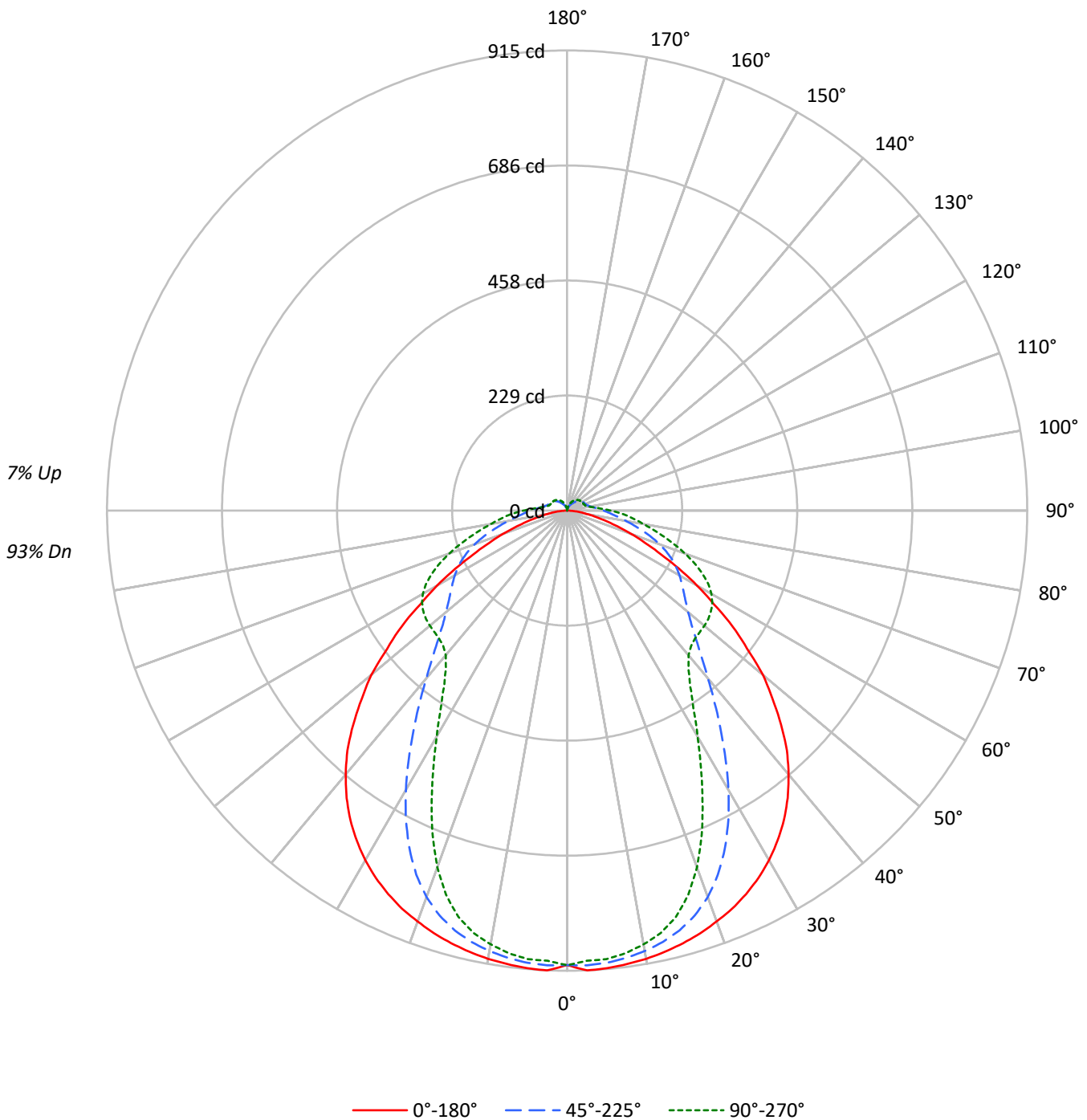
Input Watts (W): 21
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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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	50	30	10	0	
RCR																						
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	95	95	95	93				
1	107	102	97	93	103	99	94	91	93	90	87	88	85	83	83	81	79	76				
2	97	89	82	76	94	86	80	75	81	76	72	77	73	69	73	70	66	64				
3	89	78	70	64	86	76	69	63	72	66	61	68	63	59	65	61	57	54				
4	82	70	61	55	79	68	60	54	65	58	52	61	55	51	58	53	49	47				
5	75	63	54	47	73	61	53	47	58	51	46	55	49	44	53	48	43	41				
6	70	57	48	42	67	55	47	41	53	46	40	51	44	39	48	43	39	36				
7	65	52	43	37	63	51	42	37	48	41	36	46	40	35	44	39	35	32				
8	61	47	39	33	59	46	39	33	44	37	32	43	36	32	41	35	31	29				
9	57	44	36	30	55	43	35	30	41	34	29	40	33	29	38	33	28	27				
10	53	40	33	28	52	40	32	27	38	32	27	37	31	27	35	30	26	24				

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	14607	14607	14607
5°	14737	14259	14062
10°	14690	13839	13482
15°	14655	13352	12714
20°	14619	12641	11419
25°	14580	11563	9669
30°	14462	10155	7953
35°	14204	8625	6665
40°	13732	7288	6025
45°	12946	6321	5979
50°	11895	5763	6190
55°	10404	5525	6406
60°	8706	5431	6494
65°	6927	5291	6293
70°	5481	4994	5802
75°	4036	4496	5150
80°	2859	4005	4581
85°	1741	3738	4213



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	85.5	3.8
10°-20°	241.7	10.6
20°-30°	337.9	14.9
30°-40°	350.5	15.4
40°-50°	323.8	14.2
50°-60°	289.1	12.7
60°-70°	234.3	10.3
70°-80°	155.8	6.9
80°-90°	89.2	3.9
90°-100°	49.4	2.2
100°-110°	33.4	1.5
110°-120°	27.8	1.2
120°-130°	22.6	1.0
130°-140°	16.3	0.7
140°-150°	9.8	0.4
150°-160°	4.7	0.2
160°-170°	1.2	0.1
170°-180°	0.0	0.0
0°-30°	665.1	29.3
0°-40°	1015.5	44.7
0°-60°	1628.3	71.6
0°-90°	2107.6	92.7
90°-120°	110.6	4.9
90°-150°	159.4	7.0
90°-180°	165.0	7.3
0°-180°	2273.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	904	904	904	904	904	
5°	913	898	903	896	895	87
15°	890	872	864	844	836	252
25°	841	804	742	664	637	388
35°	751	669	532	447	427	469
45°	602	477	362	349	360	463
55°	402	304	283	329	349	358
65°	205	184	230	282	297	208
75°	80	100	155	190	198	87
85°	16	46	92	117	120	19
90°	1	33	72	87	86	1
95°	1	28	57	61	59	1
105°	0	24	41	40	38	0
115°	0	22	36	36	35	0
125°	0	18	32	34	33	0
135°	1	14	26	30	30	1
145°	1	9	18	23	25	1
155°	1	6	11	14	18	0
165°	1	3	6	7	9	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°	903.8	903.8	903.8	903.8	903.8
2.5°	915.2	900.3	905.0	901.1	896.0
5°	913.3	897.9	902.7	896.4	895.2
7.5°	909.7	894.4	897.2	889.7	887.7
10°	905.0	888.9	889.3	878.7	875.9
12.5°	898.7	881.1	878.7	864.2	860.2
15°	890.5	871.6	864.2	844.5	836.3
17.5°	881.4	859.4	844.1	813.9	800.9
20°	869.3	844.5	817.8	771.9	754.6
22.5°	857.1	826.5	783.6	722.4	699.2
25°	841.4	804.1	742.0	664.2	637.1
27.5°	823.7	777.7	694.1	604.5	575.5
30°	802.9	745.9	641.4	546.0	518.5
32.5°	778.5	710.2	586.1	493.4	467.8
35°	751.4	668.9	531.9	446.6	426.6
37.5°	720.4	623.8	481.6	408.9	395.9
40°	685.0	574.7	435.2	379.8	375.5
42.5°	646.9	526.7	395.6	361.0	364.9
45°	601.8	476.9	362.2	349.2	359.8
47.5°	554.2	428.2	335.1	342.5	357.8
50°	508.3	383.0	313.8	338.2	356.3
52.5°	451.3	342.5	297.0	334.3	353.9
55°	402.2	304.0	282.8	328.8	349.2
57.5°	345.7	269.5	270.2	321.7	342.1
60°	298.5	238.0	258.1	311.9	331.5
62.5°	250.6	209.8	244.7	298.9	316.6
65°	205.4	183.8	230.2	282.0	297.0
67.5°	167.7	160.3	213.7	261.6	274.2
70°	135.9	138.7	195.6	238.8	249.4
72.5°	104.5	118.6	176.0	214.5	223.5
75°	79.7	99.8	155.2	190.1	198.0
77.5°	58.9	83.3	136.3	168.1	174.8
80°	41.6	68.7	118.6	148.9	154.0
82.5°	27.9	56.6	104.1	131.6	136.3
85°	16.1	46.4	91.5	117.1	120.2
87.5°	6.7	38.5	81.3	102.1	103.7
90°	0.8	32.6	72.3	87.2	86.4
92.5°	0.8	29.5	64.4	73.1	71.1
95°	0.8	27.5	57.3	61.3	59.3
97.5°	0.8	26.3	51.1	52.6	50.7
100°	0.4	25.5	46.7	46.7	44.8
102.5°	0.4	24.7	43.6	42.4	40.9
105°	0.4	24.0	41.2	40.1	38.1
107.5°	0.4	23.6	39.7	38.5	36.5
110°	0.4	22.8	38.5	37.3	35.7



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.4	22.4	37.7	36.9	35.0
115°	0.4	21.6	36.5	36.1	35.0
117.5°	0.4	20.8	35.7	35.7	34.6
120°	0.4	20.0	34.6	35.4	34.2
122.5°	0.4	19.2	33.4	34.6	33.4
125°	0.4	18.5	32.2	33.8	33.0
127.5°	0.8	17.3	30.6	33.0	32.2
130°	0.4	16.1	29.1	32.2	31.8
132.5°	0.8	14.9	27.5	31.0	31.0
135°	0.8	13.7	25.5	29.9	29.9
137.5°	0.8	12.2	23.6	28.3	28.7
140°	0.8	11.0	21.6	26.7	27.5
142.5°	0.8	9.8	19.6	25.1	26.3
145°	0.8	8.6	17.7	23.2	24.7
147.5°	0.8	7.9	15.7	20.8	23.2
150°	0.8	6.7	14.1	18.9	21.2
152.5°	0.8	5.9	12.6	16.9	19.6
155°	0.8	5.5	11.0	14.5	17.7
157.5°	0.8	4.7	9.4	12.6	15.7
160°	0.8	3.9	7.9	11.0	13.4
162.5°	0.8	3.5	6.7	9.0	11.8
165°	0.8	3.1	5.5	7.1	9.4
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)