

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: **4SNLED-LD5-36SL-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 (P27410)  
Test Lab: INNOVATION CENTER-P2  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 4SNLED-LD5-36SL-UNV-L935-CD1-U  
Description: 4FT LINEAR SNLED LED FIXTURE  
OPEN LED STIP  
Light Source: -  
Ballast/Driver: -

**Summary**

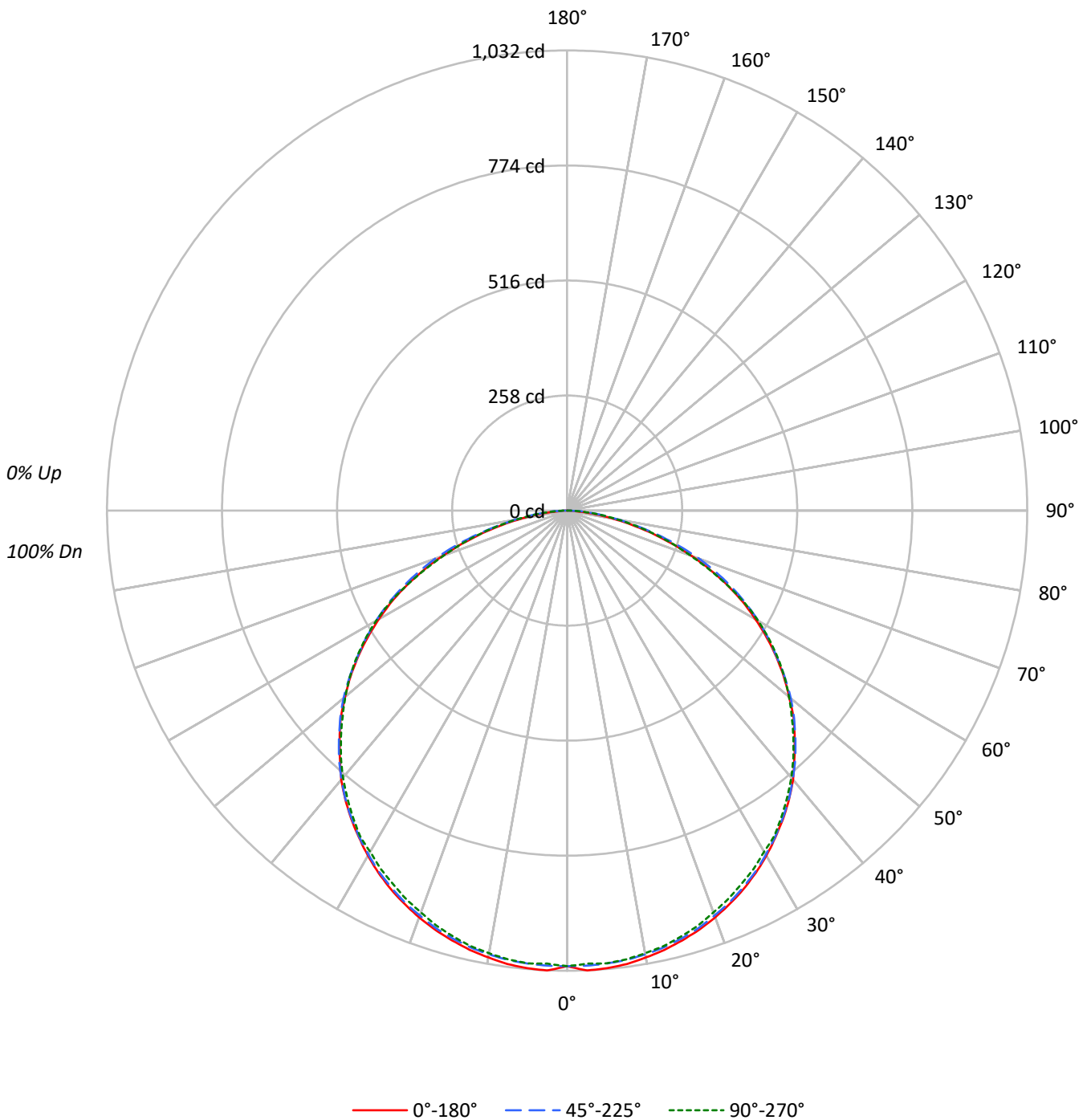
Lumens per Lamp: N/A  
Luminaire Lumens: 3065.0 lumens  
Efficiency: N/A  
Efficacy: 122.6 lumens/watt  
Spacing Criteria (0/90/45): 1.3 / 1.29 / 1.41  
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.12')  
CIE Type: Direct

Input Watts (W): 25  
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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	104	99	96	106	101	98	94	97	94	91	93	91	88	90	88	86	83
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	8256	8256	8256
5°	8332	8069	8005
10°	8304	7892	7758
15°	8278	7715	7515
20°	8254	7525	7256
25°	8230	7335	7014
30°	8191	7131	6776
35°	8150	6920	6547
40°	8101	6694	6273
45°	7999	6425	5959
50°	7877	6133	5641
55°	7725	5742	5296
60°	7477	5344	4846
65°	7113	4827	4215
70°	6482	4147	3417
75°	5506	3166	2627
80°	4115	2084	1722
85°	2125	1014	769



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	97.0	3.2
10°-20°	279.7	9.1
20°-30°	428.1	14.0
30°-40°	524.5	17.1
40°-50°	554.8	18.1
50°-60°	512.1	16.7
60°-70°	395.2	12.9
70°-80°	219.4	7.2
80°-90°	54.3	1.8
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°	804.7	26.3
0°-40°	1329.2	43.4
0°-60°	2396.0	78.2
0°-90°	3065.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3065.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	1022	1022	1022	1022	1022	
5°	1030	1017	1020	1017	1019	98
15°	998	986	993	990	989	282
25°	936	925	933	925	924	432
35°	844	835	843	834	838	528
45°	722	715	724	716	717	557
55°	573	568	575	574	577	511
65°	397	393	408	406	398	391
75°	197	209	210	210	202	209
85°	31	46	47	47	44	42
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	1021.7	1021.7	1021.7	1021.7	1021.7
2.5°	1032.4	1019.2	1021.7	1020.2	1017.1
5°	1029.9	1016.6	1019.7	1017.1	1019.2
7.5°	1025.8	1011.5	1016.6	1013.1	1015.1
10°	1017.6	1005.4	1010.5	1006.4	1008.0
12.5°	1009.0	996.2	1003.4	998.3	1000.3
15°	997.8	986.0	993.2	989.6	988.6
17.5°	985.5	974.3	981.4	977.3	975.8
20°	970.7	960.0	966.6	960.5	959.0
22.5°	954.4	943.7	951.3	942.7	943.2
25°	936.5	925.3	933.0	924.8	924.3
27.5°	916.1	905.4	913.6	904.9	905.9
30°	893.7	883.0	891.1	882.5	883.5
32.5°	869.2	860.5	867.7	859.5	865.1
35°	844.2	835.0	842.7	833.5	838.1
37.5°	817.2	808.5	816.7	806.5	810.5
40°	788.1	780.4	787.6	778.4	782.0
42.5°	754.4	749.8	757.0	747.8	750.9
45°	721.8	715.2	723.8	716.2	717.2
47.5°	689.1	682.0	690.2	683.5	683.0
50°	649.9	647.3	655.0	649.9	649.4
52.5°	612.6	607.5	615.7	613.1	614.7
55°	572.8	568.2	574.9	574.4	577.4
57.5°	531.5	526.9	535.6	534.6	537.1
60°	487.7	484.1	495.3	492.8	494.8
62.5°	444.8	438.2	452.5	450.4	449.4
65°	396.9	392.8	408.1	405.5	397.9
67.5°	347.4	345.8	361.7	356.6	343.8
70°	297.9	298.9	314.2	304.5	293.8
72.5°	245.9	253.5	262.7	255.6	247.9
75°	196.9	208.6	210.2	209.7	202.0
77.5°	148.9	163.7	160.2	163.7	157.6
80°	104.1	120.4	117.8	120.9	115.8
82.5°	64.3	79.1	79.6	81.6	77.0
85°	31.1	45.9	46.9	47.4	43.9
87.5°	6.6	21.4	21.9	20.4	17.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)