

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: P566323

Luminaire Tested: **4SNX-33SL-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566323
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2202-547-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNX-33SL-UNV-L935-CD
Description: 4FT 3300 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

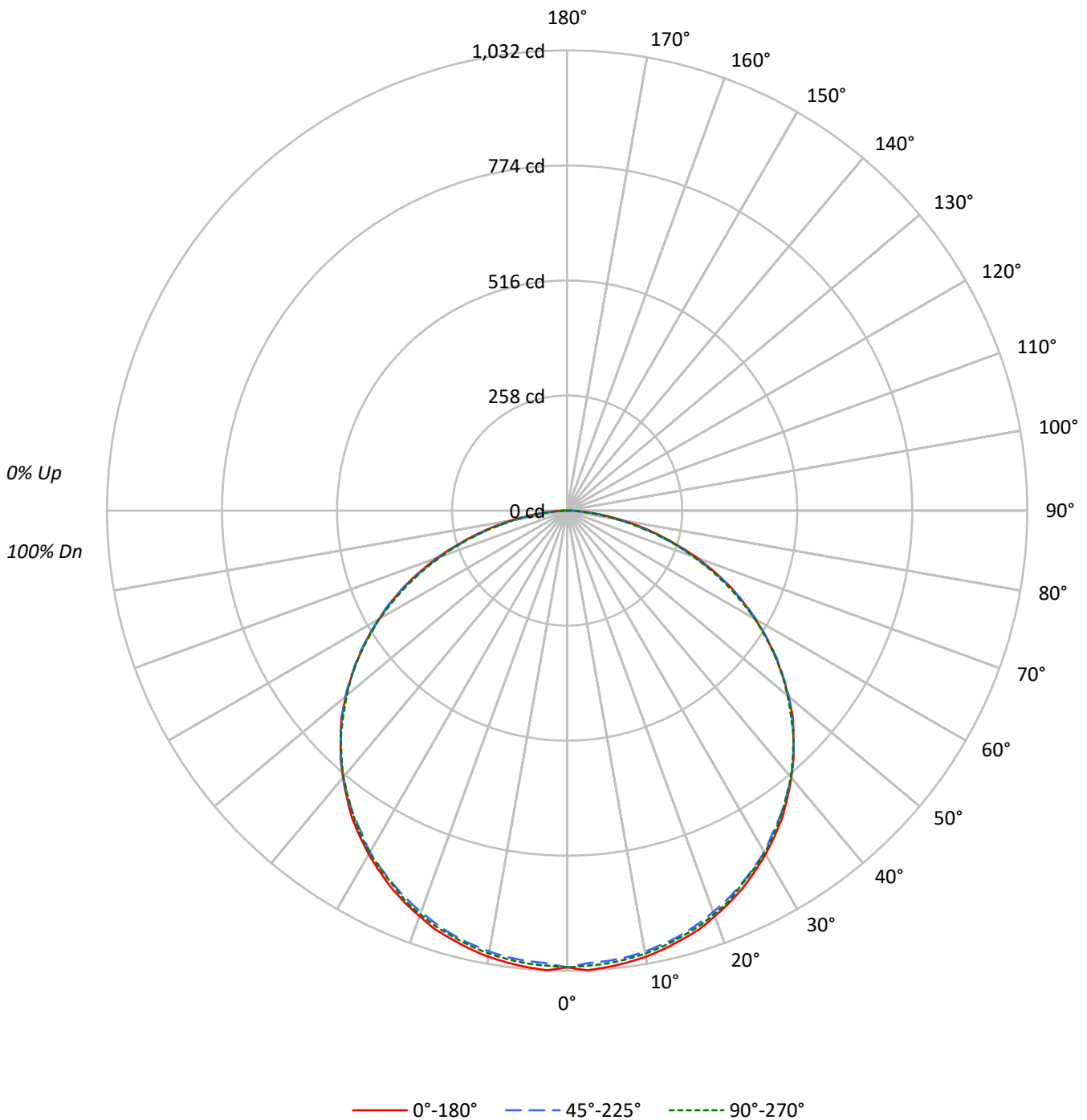
Lumens per Lamp: N/A
Luminaire Lumens: 3063.0 lumens
Efficiency: N/A
Efficacy: 145.2 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 21.1
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	95	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	38	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	41	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°	11027	11027	11027
5°	11109	10960	11019
10°	11106	10976	11026
15°	11098	10984	11026
20°	11090	10975	11038
25°	11083	10974	10995
30°	11061	10992	11015
35°	11052	10967	10980
40°	10990	10977	10964
45°	10924	10939	10924
50°	10845	10876	10799
55°	10701	10736	10684
60°	10491	10531	10471
65°	10277	10206	10066
70°	9772	9567	9451
75°	8925	8621	8659
80°	7711	7141	7308
85°	5805	5570	5002



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	97.2	3.2
10°-20°	280.0	9.1
20°-30°	428.5	14.0
30°-40°	523.9	17.1
40°-50°	554.2	18.1
50°-60°	510.6	16.7
60°-70°	393.4	12.8
70°-80°	220.5	7.2
80°-90°	54.8	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°	805.7	26.3
0°-40°	1329.5	43.4
0°-60°	2394.3	78.2
0°-90°	3063.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3063.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1024	1024	1024	1024	1024	
5°	1028	1024	1014	1024	1020	98
15°	996	994	986	994	989	281
25°	933	931	924	931	926	430
35°	841	839	835	837	836	526
45°	718	720	719	718	718	554
55°	570	575	572	572	569	509
65°	404	404	401	391	395	397
75°	215	212	207	200	208	228
85°	47	44	45	45	40	58
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1024.4	1024.4	1024.4	1024.4	1024.4
2.5°	1031.8	1027.2	1016.1	1026.3	1021.7
5°	1028.1	1024.4	1014.3	1024.4	1019.8
7.5°	1022.6	1019.8	1010.6	1019.8	1015.2
10°	1016.1	1013.4	1004.2	1013.4	1008.8
12.5°	1006.9	1005.1	995.9	1005.1	1000.5
15°	995.9	994.0	985.7	994.0	989.4
17.5°	984.8	981.1	972.8	982.0	978.4
20°	968.2	966.4	958.1	966.4	963.6
22.5°	951.6	949.8	942.4	949.8	948.0
25°	933.2	931.4	924.0	931.4	925.8
27.5°	912.0	912.9	904.7	909.3	906.5
30°	889.9	889.9	884.4	886.2	886.2
32.5°	866.0	866.0	857.7	863.2	862.3
35°	841.1	839.2	834.6	837.4	835.6
37.5°	811.6	810.7	807.9	809.8	807.9
40°	782.1	783.1	781.2	780.3	780.3
42.5°	751.7	753.6	750.8	749.9	749.0
45°	717.6	720.4	718.6	717.6	717.6
47.5°	686.3	687.2	684.5	683.6	680.8
50°	647.6	651.3	649.5	647.6	644.9
52.5°	608.9	614.5	610.8	608.9	608.9
55°	570.2	574.9	572.1	572.1	569.3
57.5°	529.7	534.3	530.6	530.6	526.9
60°	487.3	491.9	489.2	486.4	486.4
62.5°	445.0	448.6	447.7	443.1	440.4
65°	403.5	403.5	400.7	390.6	395.2
67.5°	356.5	355.6	351.9	341.8	348.2
70°	310.5	310.5	304.0	292.0	300.3
72.5°	260.7	263.5	255.2	246.9	255.2
75°	214.6	211.9	207.3	199.9	208.2
77.5°	170.4	165.8	160.3	156.6	161.2
80°	124.4	121.6	115.2	115.2	117.9
82.5°	84.8	82.0	77.4	78.3	74.6
85°	47.0	44.2	45.1	45.1	40.5
87.5°	19.3	19.3	19.3	17.5	15.7
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)