

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: P566324

Luminaire Tested: **4SNX-33SL-UNV-L940-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566324
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-L940-CD
Description: 4FT 3300 LUMEN, SNX FIXTURE WITH 4000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

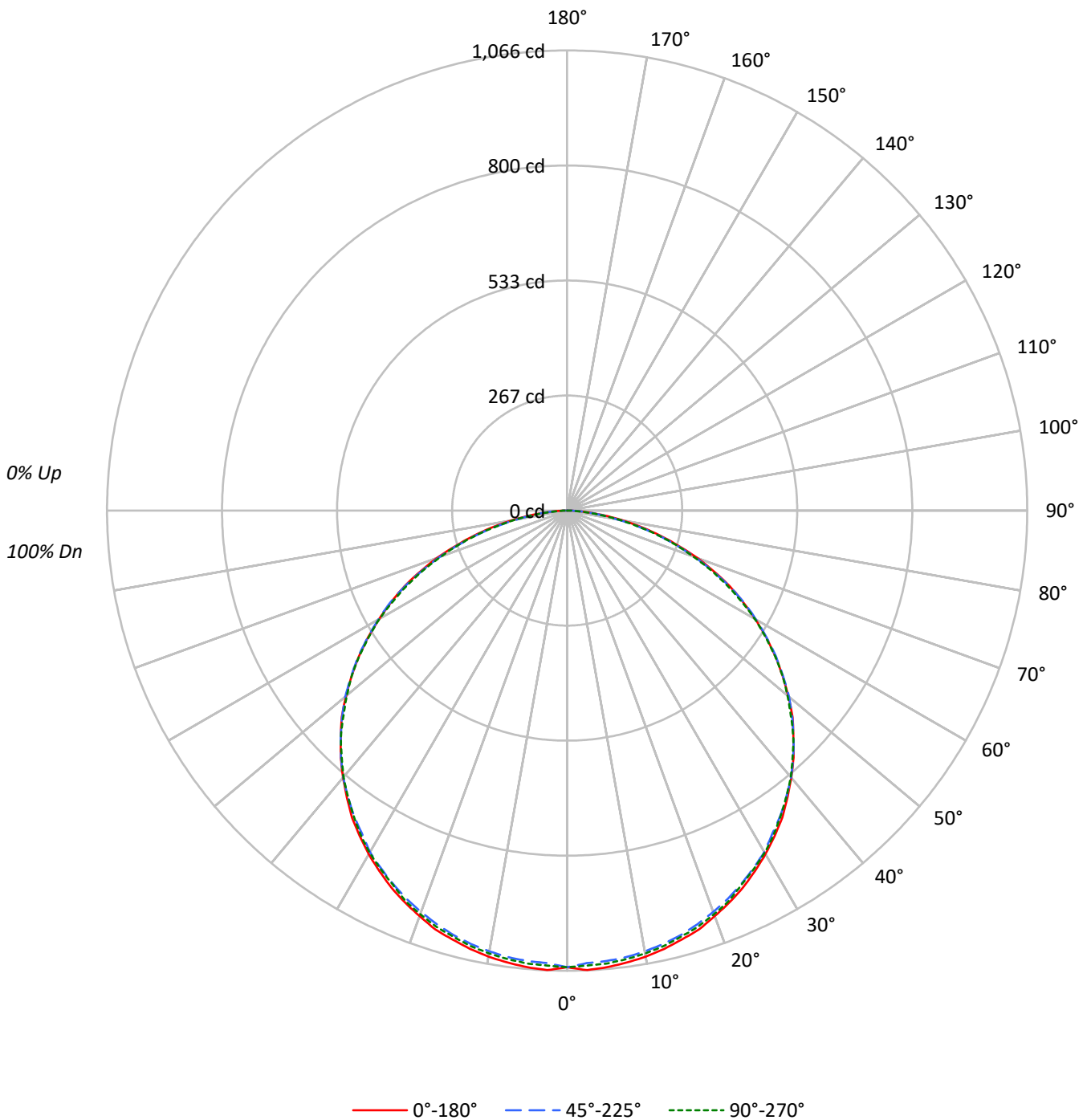
Lumens per Lamp: N/A
Luminaire Lumens: 3163.0 lumens
Efficiency: N/A
Efficacy: 149.9 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

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	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					100			
1	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83					83			
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69					69			
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58					58			
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49					49			
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42					42			
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37					37			
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33					33			
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29					29			
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26					26			
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23					23			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	11387	11387	11387
5°	11472	11317	11379
10°	11469	11333	11386
15°	11460	11343	11385
20°	11452	11333	11399
25°	11446	11333	11355
30°	11422	11351	11375
35°	11414	11326	11337
40°	11349	11335	11323
45°	11281	11295	11281
50°	11200	11231	11151
55°	11051	11087	11033
60°	10833	10874	10813
65°	10613	10539	10394
70°	10090	9879	9759
75°	9220	8900	8942
80°	7959	7370	7550
85°	5990	5755	5175



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.4	3.2
10°-20°	289.2	9.1
20°-30°	442.5	14.0
30°-40°	541.0	17.1
40°-50°	572.3	18.1
50°-60°	527.3	16.7
60°-70°	406.3	12.8
70°-80°	227.6	7.2
80°-90°	56.6	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°	832.0	26.3
0°-40°	1373.0	43.4
0°-60°	2472.5	78.2
0°-90°	3163.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3163.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1058	1058	1058	1058	1058	
5°	1062	1058	1047	1058	1053	101
15°	1028	1026	1018	1026	1022	291
25°	964	962	954	962	956	444
35°	869	867	862	865	863	543
45°	741	744	742	741	741	572
55°	589	594	591	591	588	526
65°	417	417	414	403	408	410
75°	222	219	214	206	215	235
85°	48	46	47	47	42	60
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1057.9	1057.9	1057.9	1057.9	1057.9
2.5°	1065.5	1060.7	1049.3	1059.8	1055.0
5°	1061.7	1057.9	1047.4	1057.9	1053.1
7.5°	1056.0	1053.1	1043.6	1053.1	1048.3
10°	1049.3	1046.4	1036.9	1046.4	1041.7
12.5°	1039.8	1037.9	1028.4	1037.9	1033.1
15°	1028.4	1026.5	1017.9	1026.5	1021.7
17.5°	1017.0	1013.2	1004.6	1014.1	1010.3
20°	999.8	997.9	989.4	997.9	995.1
22.5°	982.7	980.8	973.2	980.8	978.9
25°	963.7	961.8	954.2	961.8	956.1
27.5°	941.8	942.8	934.2	938.9	936.1
30°	919.0	919.0	913.3	915.2	915.2
32.5°	894.2	894.2	885.7	891.4	890.4
35°	868.6	866.6	861.9	864.7	862.8
37.5°	838.1	837.2	834.3	836.2	834.3
40°	807.7	808.6	806.7	805.8	805.8
42.5°	776.3	778.2	775.3	774.4	773.4
45°	741.1	743.9	742.0	741.1	741.1
47.5°	708.7	709.7	706.8	705.9	703.0
50°	668.8	672.6	670.7	668.8	665.9
52.5°	628.8	634.5	630.7	628.8	628.8
55°	588.9	593.6	590.8	590.8	587.9
57.5°	547.0	551.8	548.0	548.0	544.2
60°	503.2	508.0	505.1	502.3	502.3
62.5°	459.5	463.3	462.3	457.6	454.7
65°	416.7	416.7	413.8	403.4	408.1
67.5°	368.2	367.2	363.4	352.9	359.6
70°	320.6	320.6	313.9	301.6	310.1
72.5°	269.2	272.1	263.5	255.0	263.5
75°	221.7	218.8	214.0	206.4	215.0
77.5°	176.0	171.2	165.5	161.7	166.5
80°	128.4	125.6	118.9	118.9	121.8
82.5°	87.5	84.7	79.9	80.9	77.1
85°	48.5	45.7	46.6	46.6	41.9
87.5°	20.0	20.0	20.0	18.1	16.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)