

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: P567388

Luminaire Tested: **8SNX-134SL-UNV-L840-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567388
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: 8SNX-134SL-UNV-L840-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 4000K, 80CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

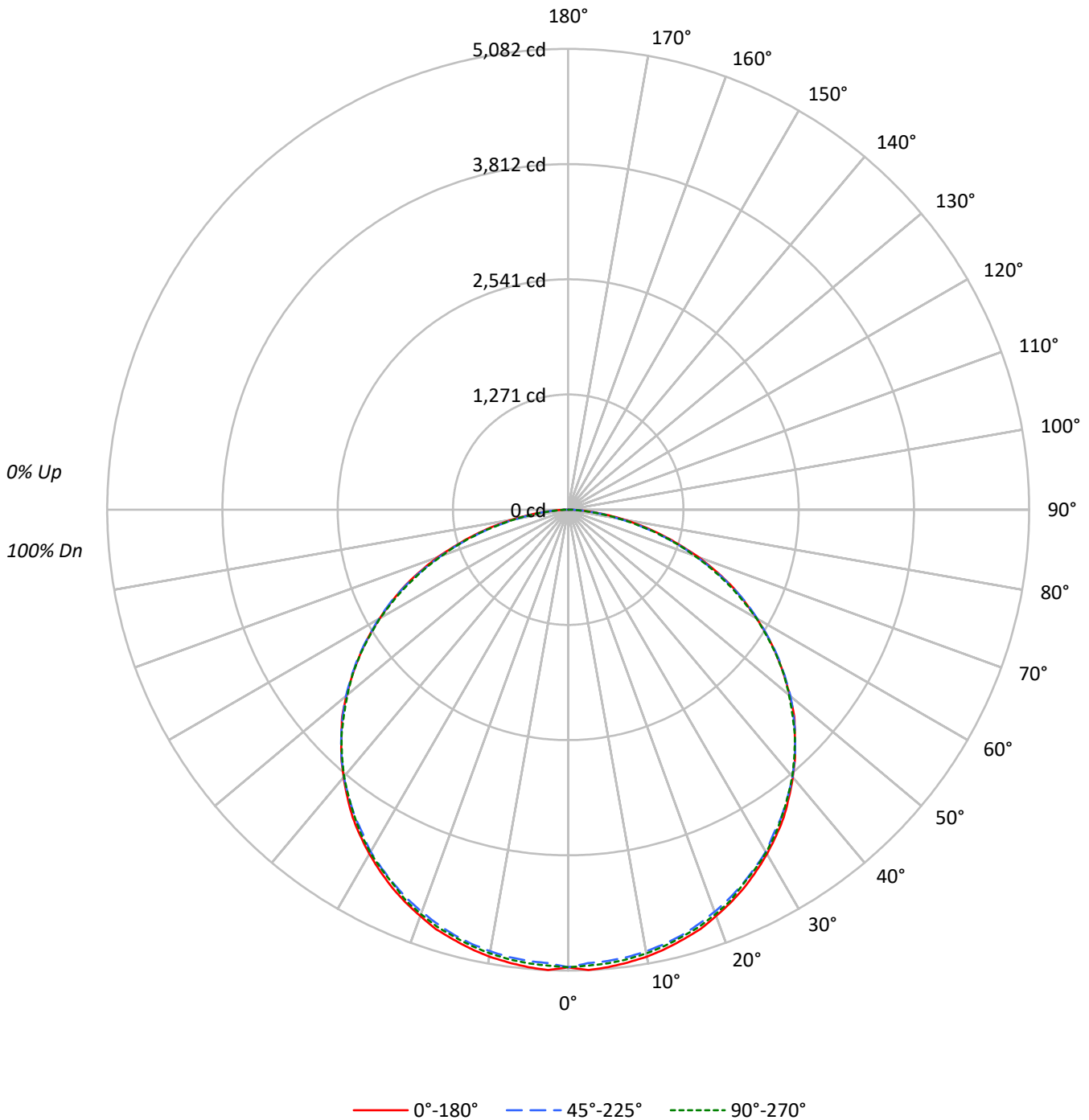
Lumens per Lamp: N/A
Luminaire Lumens: 15086.0 lumens
Efficiency: N/A
Efficacy: 157.5 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 8' x H: 0')
CIE Type: Direct

Input Watts (W): 95.8
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°	27155	27155	27155
5°	27357	26989	27136
10°	27351	27028	27152
15°	27329	27051	27152
20°	27312	27026	27182
25°	27294	27025	27079
30°	27239	27069	27126
35°	27218	27009	27039
40°	27064	27032	27000
45°	26903	26937	26903
50°	26707	26783	26593
55°	26354	26439	26311
60°	25836	25934	25787
65°	25308	25135	24788
70°	24062	23561	23276
75°	21984	21229	21322
80°	18983	17579	18001
85°	14289	13727	12326



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	478.6	3.2
10°-20°	1379.2	9.1
20°-30°	2110.3	14.0
30°-40°	2580.2	17.1
40°-50°	2729.4	18.1
50°-60°	2514.8	16.7
60°-70°	1937.8	12.8
70°-80°	1085.8	7.2
80°-90°	269.9	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
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0°-30°	3968.1	26.3
0°-40°	6548.3	43.4
0°-60°	11792.5	78.2
0°-90°	15086.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15086.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5046	5046	5046	5046	5046	
5°	5064	5046	4996	5046	5023	481
15°	4905	4896	4855	4896	4873	1386
25°	4596	4587	4551	4587	4560	2118
35°	4143	4134	4111	4124	4115	2588
45°	3535	3548	3539	3535	3535	2730
55°	2809	2831	2818	2818	2804	2508
65°	1987	1987	1974	1924	1946	1955
75°	1057	1044	1021	985	1025	1121
85°	231	218	222	222	200	286
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	5045.5	5045.5	5045.5	5045.5	5045.5
2.5°	5081.8	5059.1	5004.7	5054.6	5031.9
5°	5063.7	5045.5	4995.6	5045.5	5022.8
7.5°	5036.4	5022.8	4977.4	5022.8	5000.1
10°	5004.7	4991.1	4945.7	4991.1	4968.4
12.5°	4959.3	4950.2	4904.8	4950.2	4927.5
15°	4904.8	4895.8	4854.9	4895.8	4873.1
17.5°	4850.4	4832.2	4791.4	4836.8	4818.6
20°	4768.7	4759.7	4718.8	4759.7	4746.0
22.5°	4687.1	4678.0	4641.7	4678.0	4668.9
25°	4596.3	4587.2	4550.9	4587.2	4560.0
27.5°	4491.9	4496.5	4455.6	4478.3	4464.7
30°	4383.1	4383.1	4355.8	4364.9	4364.9
32.5°	4265.1	4265.1	4224.2	4251.5	4246.9
35°	4142.6	4133.5	4110.8	4124.4	4115.4
37.5°	3997.4	3992.8	3979.2	3988.3	3979.2
40°	3852.2	3856.7	3847.6	3843.1	3843.1
42.5°	3702.5	3711.5	3697.9	3693.4	3688.8
45°	3534.6	3548.2	3539.1	3534.6	3534.6
47.5°	3380.3	3384.8	3371.2	3366.7	3353.1
50°	3189.7	3207.9	3198.8	3189.7	3176.1
52.5°	2999.2	3026.4	3008.2	2999.2	2999.2
55°	2808.6	2831.3	2817.7	2817.7	2804.1
57.5°	2609.0	2631.6	2613.5	2613.5	2595.3
60°	2400.2	2422.9	2409.3	2395.7	2395.7
62.5°	2191.5	2209.7	2205.1	2182.5	2168.8
65°	1987.3	1987.3	1973.7	1923.8	1946.5
67.5°	1755.9	1751.4	1733.3	1683.3	1715.1
70°	1529.1	1529.1	1497.3	1438.3	1479.2
72.5°	1284.1	1297.7	1256.8	1216.0	1256.8
75°	1057.2	1043.6	1020.9	984.6	1025.4
77.5°	839.4	816.7	789.5	771.3	794.0
80°	612.5	598.9	567.2	567.2	580.8
82.5°	417.4	403.8	381.1	385.7	367.5
85°	231.4	217.8	222.3	222.3	199.6
87.5°	95.3	95.3	95.3	86.2	77.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)