

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: P567389

Luminaire Tested: **8SNX-134SL-UNV-L850-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567389
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-L850-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 5000K, 80CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

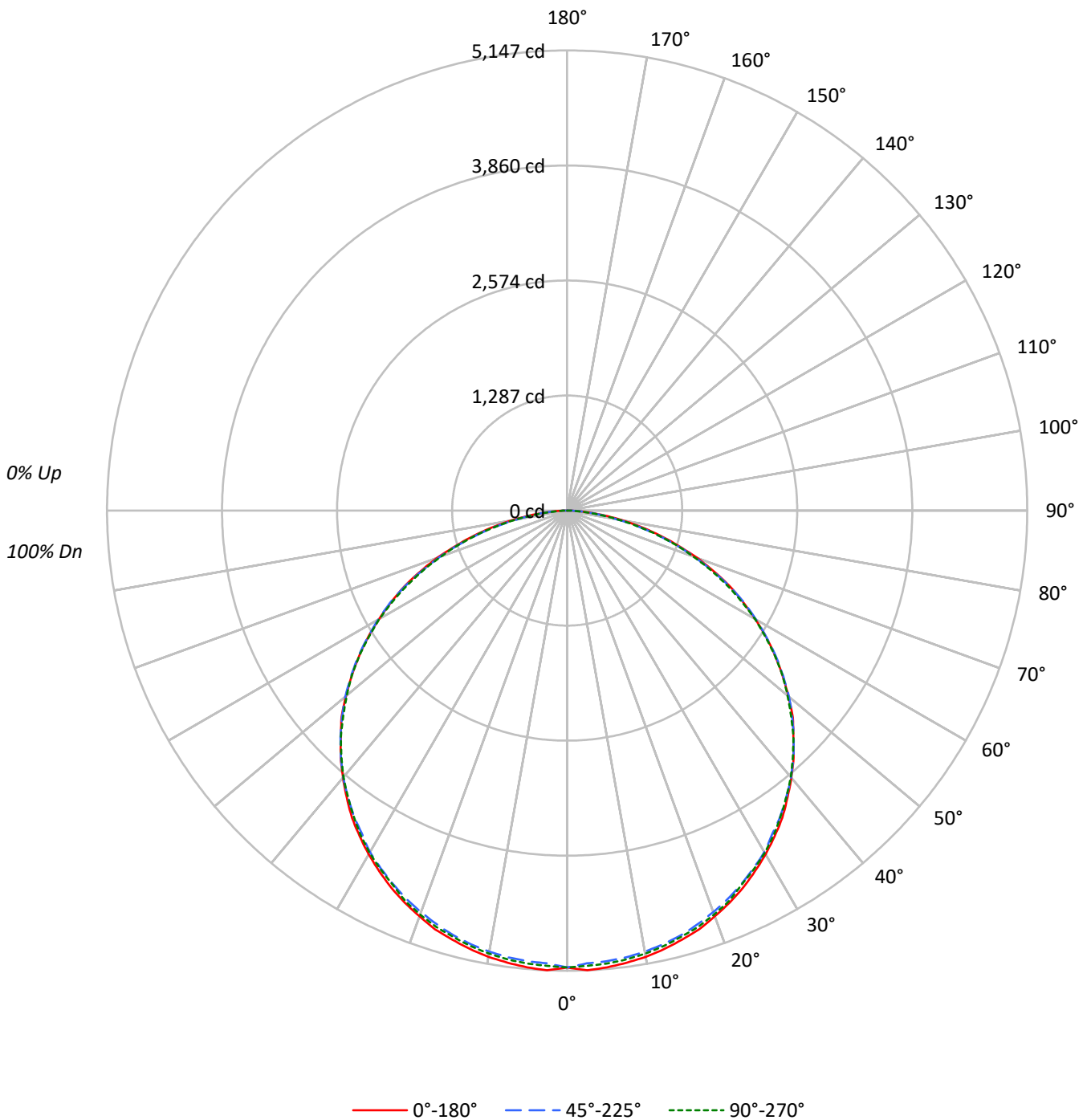
Lumens per Lamp: N/A
Luminaire Lumens: 15279.0 lumens
Efficiency: N/A
Efficacy: 159.5 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 8' x H: 0')
CIE Type: Direct

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	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	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	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°	27502	27502	27502
5°	27706	27334	27483
10°	27700	27374	27499
15°	27679	27397	27499
20°	27661	27372	27530
25°	27644	27371	27425
30°	27587	27416	27473
35°	27566	27354	27384
40°	27411	27378	27346
45°	27247	27282	27247
50°	27048	27125	26934
55°	26690	26777	26647
60°	26167	26265	26118
65°	25633	25457	25105
70°	24368	23863	23574
75°	22264	21501	21597
80°	19228	17803	18230
85°	14474	13906	12486



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	484.8	3.2
10°-20°	1396.8	9.1
20°-30°	2137.3	14.0
30°-40°	2613.2	17.1
40°-50°	2764.3	18.1
50°-60°	2547.0	16.7
60°-70°	1962.6	12.8
70°-80°	1099.7	7.2
80°-90°	273.3	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°	4018.9	26.3
0°-40°	6632.1	43.4
0°-60°	11943.3	78.2
0°-90°	15279.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	15279.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	5110	5110	5110	5110	5110	
5°	5128	5110	5060	5110	5087	487
15°	4968	4958	4917	4958	4935	1403
25°	4655	4646	4609	4646	4618	2145
35°	4196	4186	4163	4177	4168	2621
45°	3580	3594	3584	3580	3580	2765
55°	2844	2868	2854	2854	2840	2540
65°	2013	2013	1999	1948	1971	1980
75°	1071	1057	1034	997	1039	1135
85°	234	221	225	225	202	289
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	5110.0	5110.0	5110.0	5110.0	5110.0
2.5°	5146.8	5123.8	5068.7	5119.2	5096.3
5°	5128.4	5110.0	5059.5	5110.0	5087.1
7.5°	5100.9	5087.1	5041.1	5087.1	5064.1
10°	5068.7	5054.9	5009.0	5054.9	5031.9
12.5°	5022.7	5013.5	4967.6	5013.5	4990.6
15°	4967.6	4958.4	4917.0	4958.4	4935.4
17.5°	4912.4	4894.1	4852.7	4898.7	4880.3
20°	4829.7	4820.5	4779.2	4820.5	4806.8
22.5°	4747.0	4737.8	4701.1	4737.8	4728.6
25°	4655.1	4645.9	4609.2	4645.9	4618.3
27.5°	4549.4	4554.0	4512.7	4535.6	4521.8
30°	4439.1	4439.1	4411.6	4420.7	4420.7
32.5°	4319.6	4319.6	4278.3	4305.9	4301.3
35°	4195.6	4186.4	4163.4	4177.2	4168.0
37.5°	4048.5	4043.9	4030.1	4039.3	4030.1
40°	3901.5	3906.1	3896.9	3892.3	3892.3
42.5°	3749.8	3759.0	3745.2	3740.6	3736.0
45°	3579.8	3593.6	3584.4	3579.8	3579.8
47.5°	3423.5	3428.1	3414.4	3409.8	3396.0
50°	3230.5	3248.9	3239.7	3230.5	3216.8
52.5°	3037.5	3065.1	3046.7	3037.5	3037.5
55°	2844.5	2867.5	2853.7	2853.7	2839.9
57.5°	2642.3	2665.3	2646.9	2646.9	2628.6
60°	2431.0	2453.9	2440.1	2426.4	2426.4
62.5°	2219.6	2237.9	2233.3	2210.4	2196.6
65°	2012.8	2012.8	1999.0	1948.4	1971.4
67.5°	1778.4	1773.8	1755.4	1704.9	1737.0
70°	1548.6	1548.6	1516.5	1456.7	1498.1
72.5°	1300.5	1314.3	1272.9	1231.6	1272.9
75°	1070.7	1056.9	1034.0	997.2	1038.6
77.5°	850.1	827.2	799.6	781.2	804.2
80°	620.4	606.6	574.4	574.4	588.2
82.5°	422.8	409.0	386.0	390.6	372.2
85°	234.4	220.6	225.2	225.2	202.2
87.5°	96.5	96.5	96.5	87.3	78.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)