

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: P567391

Luminaire Tested: **8SNX-134SL-UNV-L935-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567391
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-L935-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 3500K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

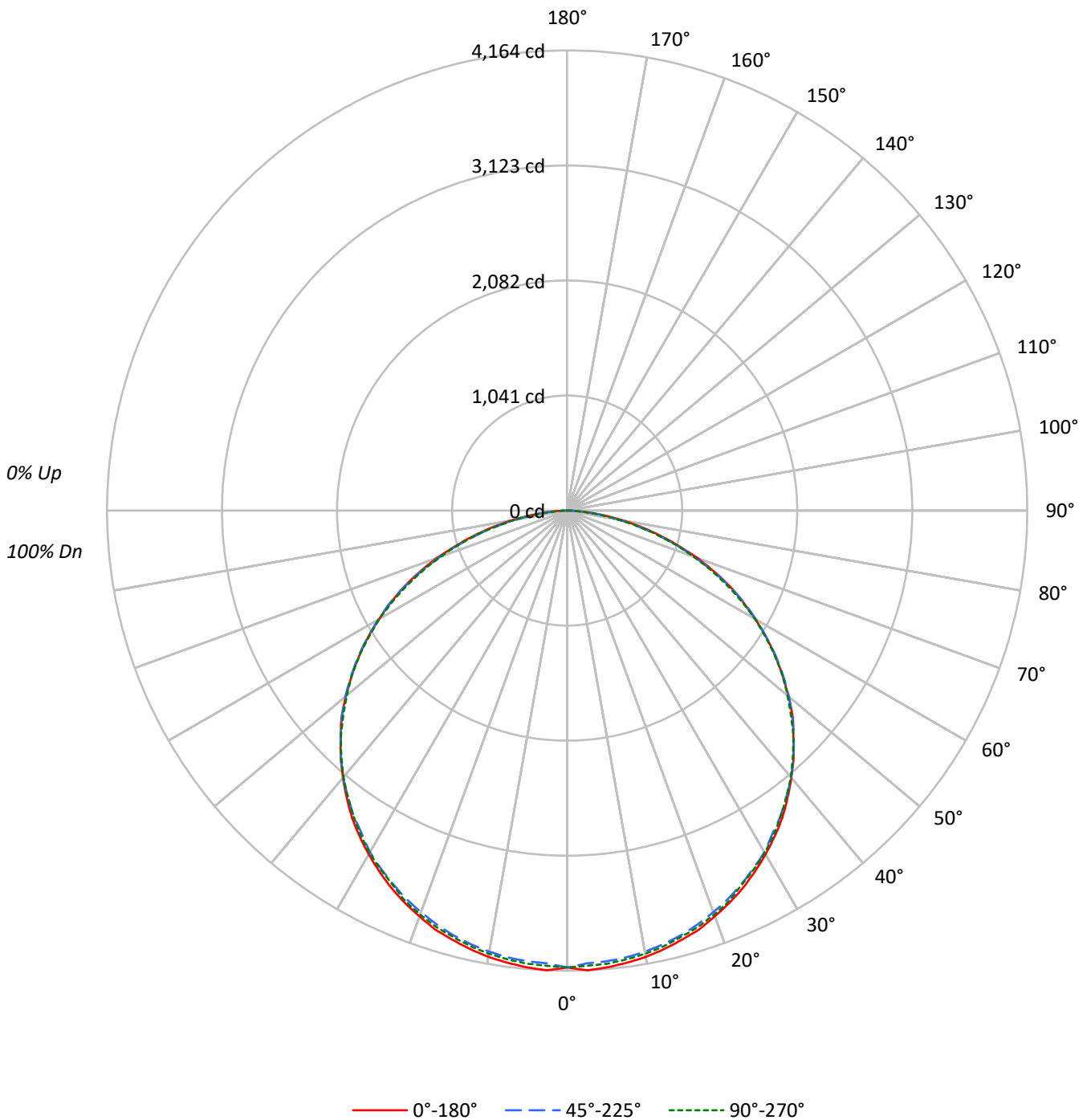
Lumens per Lamp: N/A
Luminaire Lumens: 12362.0 lumens
Efficiency: N/A
Efficacy: 129.0 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 8' x H: 0')
CIE Type: Direct

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°	22252	22252	22252
5°	22417	22116	22236
10°	22412	22148	22250
15°	22394	22166	22249
20°	22381	22147	22274
25°	22366	22145	22189
30°	22320	22182	22228
35°	22303	22132	22157
40°	22177	22151	22125
45°	22045	22073	22045
50°	21885	21947	21791
55°	21595	21665	21560
60°	21170	21251	21131
65°	20739	20596	20312
70°	19717	19308	19073
75°	18014	17397	17473
80°	15556	14406	14750
85°	11708	11251	10102



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	392.2	3.2
10°-20°	1130.2	9.1
20°-30°	1729.2	14.0
30°-40°	2114.3	17.1
40°-50°	2236.6	18.1
50°-60°	2060.7	16.7
60°-70°	1587.9	12.8
70°-80°	889.7	7.2
80°-90°	221.1	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°	3251.6	26.3
0°-40°	5365.9	43.4
0°-60°	9663.2	78.2
0°-90°	12362.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12362.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4134	4134	4134	4134	4134	
5°	4149	4134	4094	4134	4116	394
15°	4019	4012	3978	4012	3993	1136
25°	3766	3759	3729	3759	3737	1736
35°	3395	3387	3368	3380	3372	2121
45°	2896	2908	2900	2896	2896	2237
55°	2302	2320	2309	2309	2298	2055
65°	1628	1628	1617	1576	1595	1602
75°	866	855	837	807	840	919
85°	190	178	182	182	164	234
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4134.5	4134.5	4134.5	4134.5	4134.5
2.5°	4164.2	4145.6	4101.0	4141.9	4123.3
5°	4149.3	4134.5	4093.6	4134.5	4115.9
7.5°	4127.0	4115.9	4078.7	4115.9	4097.3
10°	4101.0	4089.8	4052.7	4089.8	4071.3
12.5°	4063.8	4056.4	4019.2	4056.4	4037.8
15°	4019.2	4011.8	3978.3	4011.8	3993.2
17.5°	3974.6	3959.7	3926.3	3963.4	3948.6
20°	3907.7	3900.2	3866.8	3900.2	3889.1
22.5°	3840.7	3833.3	3803.6	3833.3	3825.9
25°	3766.4	3758.9	3729.2	3758.9	3736.6
27.5°	3680.9	3684.6	3651.1	3669.7	3658.6
30°	3591.6	3591.6	3569.3	3576.8	3576.8
32.5°	3495.0	3495.0	3461.5	3483.8	3480.1
35°	3394.6	3387.1	3368.5	3379.7	3372.3
37.5°	3275.6	3271.9	3260.7	3268.2	3260.7
40°	3156.6	3160.3	3152.9	3149.2	3149.2
42.5°	3033.9	3041.4	3030.2	3026.5	3022.8
45°	2896.4	2907.5	2900.1	2896.4	2896.4
47.5°	2769.9	2773.7	2762.5	2758.8	2747.6
50°	2613.8	2628.7	2621.2	2613.8	2602.6
52.5°	2457.6	2479.9	2465.1	2457.6	2457.6
55°	2301.5	2320.1	2308.9	2308.9	2297.7
57.5°	2137.9	2156.5	2141.6	2141.6	2126.7
60°	1966.8	1985.4	1974.3	1963.1	1963.1
62.5°	1795.8	1810.7	1807.0	1788.4	1777.2
65°	1628.5	1628.5	1617.3	1576.4	1595.0
67.5°	1438.9	1435.2	1420.3	1379.4	1405.4
70°	1253.0	1253.0	1227.0	1178.6	1212.1
72.5°	1052.2	1063.4	1029.9	996.4	1029.9
75°	866.3	855.1	836.6	806.8	840.3
77.5°	687.8	669.2	646.9	632.1	650.7
80°	501.9	490.8	464.8	464.8	475.9
82.5°	342.1	330.9	312.3	316.0	301.2
85°	189.6	178.5	182.2	182.2	163.6
87.5°	78.1	78.1	78.1	70.6	63.2
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)