

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: P567393

Luminaire Tested: **8SNX-134SL-UNV-L950-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P567393
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-L950-CD
Description: 8FT 13400 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

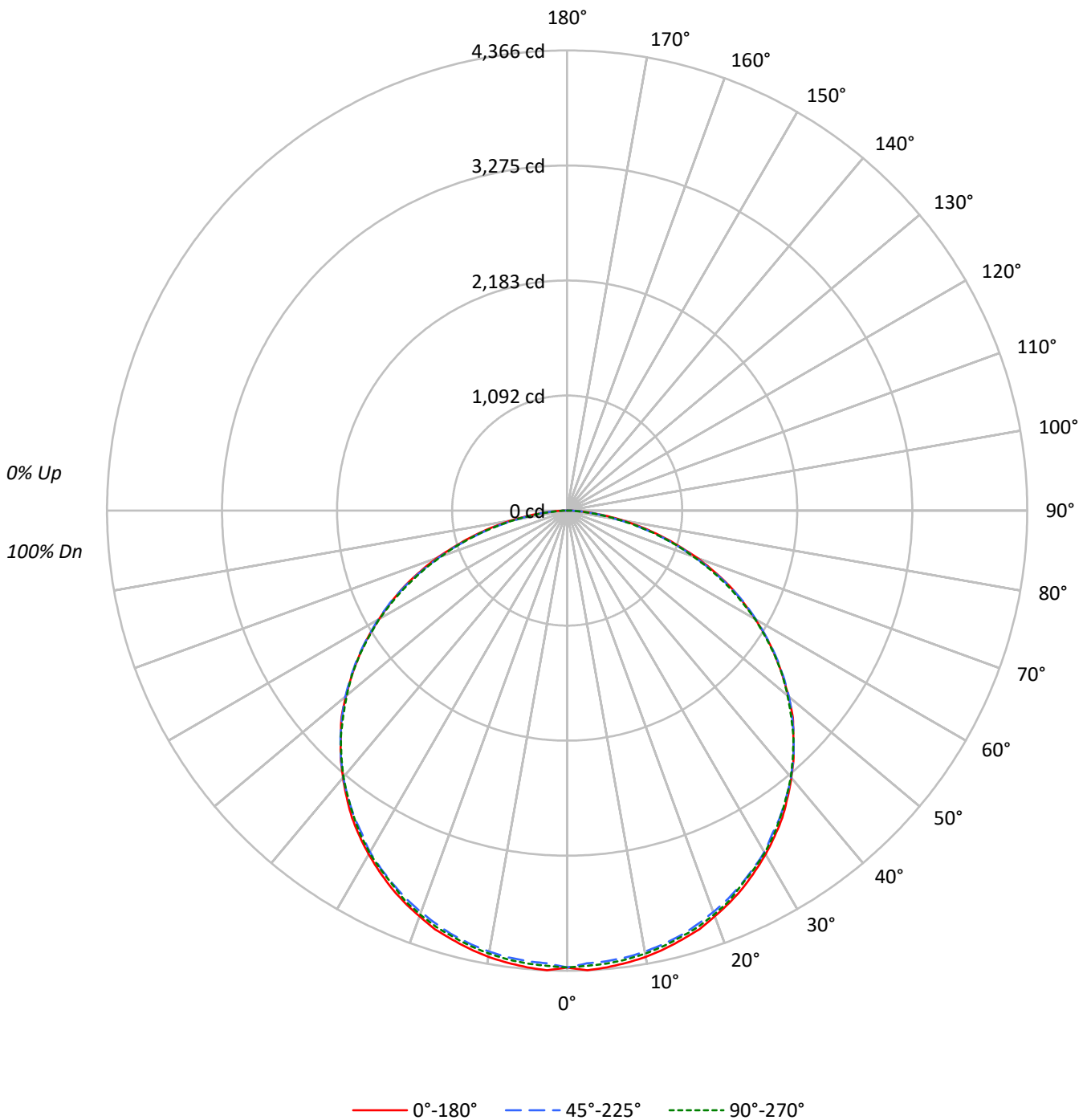
Lumens per Lamp: N/A
Luminaire Lumens: 12961.0 lumens
Efficiency: N/A
Efficacy: 135.3 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 8' x H: 0')
CIE Type: Direct

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°	23330	23330	23330
5°	23503	23187	23313
10°	23498	23221	23327
15°	23480	23241	23328
20°	23465	23219	23353
25°	23450	23218	23265
30°	23402	23257	23305
35°	23384	23204	23230
40°	23252	23225	23197
45°	23113	23143	23113
50°	22945	23010	22847
55°	22642	22715	22605
60°	22196	22280	22154
65°	21743	21594	21296
70°	20672	20243	19997
75°	18887	18239	18320
80°	16312	15103	15466
85°	12276	11794	10590



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	411.2	3.2
10°-20°	1184.9	9.1
20°-30°	1813.0	14.0
30°-40°	2216.8	17.1
40°-50°	2344.9	18.1
50°-60°	2160.6	16.7
60°-70°	1664.9	12.8
70°-80°	932.8	7.2
80°-90°	231.9	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
0°-30°	3409.2	26.3
0°-40°	5625.9	43.4
0°-60°	10131.4	78.2
0°-90°	12961.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	12961.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	4335	4335	4335	4335	4335	
5°	4350	4335	4292	4335	4315	414
15°	4214	4206	4171	4206	4187	1191
25°	3949	3941	3910	3941	3918	1820
35°	3559	3551	3532	3544	3536	2224
45°	3037	3048	3041	3037	3037	2346
55°	2413	2432	2421	2421	2409	2155
65°	1707	1707	1696	1653	1672	1679
75°	908	897	877	846	881	963
85°	199	187	191	191	172	245
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	4334.8	4334.8	4334.8	4334.8	4334.8
2.5°	4366.0	4346.5	4299.7	4342.6	4323.1
5°	4350.4	4334.8	4291.9	4334.8	4315.3
7.5°	4327.0	4315.3	4276.3	4315.3	4295.8
10°	4299.7	4288.0	4249.0	4288.0	4268.5
12.5°	4260.7	4252.9	4214.0	4252.9	4233.4
15°	4214.0	4206.2	4171.1	4206.2	4186.7
17.5°	4167.2	4151.6	4116.5	4155.5	4139.9
20°	4097.0	4089.2	4054.1	4089.2	4077.5
22.5°	4026.8	4019.0	3987.9	4019.0	4011.2
25°	3948.9	3941.1	3909.9	3941.1	3917.7
27.5°	3859.2	3863.1	3828.0	3847.5	3835.8
30°	3765.7	3765.7	3742.3	3750.1	3750.1
32.5°	3664.3	3664.3	3629.2	3652.6	3648.7
35°	3559.1	3551.3	3531.8	3543.5	3535.7
37.5°	3434.3	3430.4	3418.7	3426.5	3418.7
40°	3309.6	3313.5	3305.7	3301.8	3301.8
42.5°	3180.9	3188.7	3177.0	3173.1	3169.2
45°	3036.7	3048.4	3040.6	3036.7	3036.7
47.5°	2904.2	2908.1	2896.4	2892.5	2880.8
50°	2740.4	2756.0	2748.2	2740.4	2728.7
52.5°	2576.7	2600.1	2584.5	2576.7	2576.7
55°	2413.0	2432.5	2420.8	2420.8	2409.1
57.5°	2241.5	2261.0	2245.4	2245.4	2229.8
60°	2062.1	2081.6	2069.9	2058.2	2058.2
62.5°	1882.8	1898.4	1894.5	1875.0	1863.3
65°	1707.4	1707.4	1695.7	1652.8	1672.3
67.5°	1508.6	1504.7	1489.1	1446.2	1473.5
70°	1313.7	1313.7	1286.4	1235.7	1270.8
72.5°	1103.2	1114.9	1079.8	1044.7	1079.8
75°	908.3	896.6	877.1	845.9	881.0
77.5°	721.2	701.7	678.3	662.7	682.2
80°	526.3	514.6	487.3	487.3	499.0
82.5°	358.6	346.9	327.4	331.3	315.8
85°	198.8	187.1	191.0	191.0	171.5
87.5°	81.9	81.9	81.9	74.1	66.3
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)