

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: P566224

Luminaire Tested: **4SNX-26SL-UNV-L840-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566224
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-26SL-UNV-L840-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 4000K, 80CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

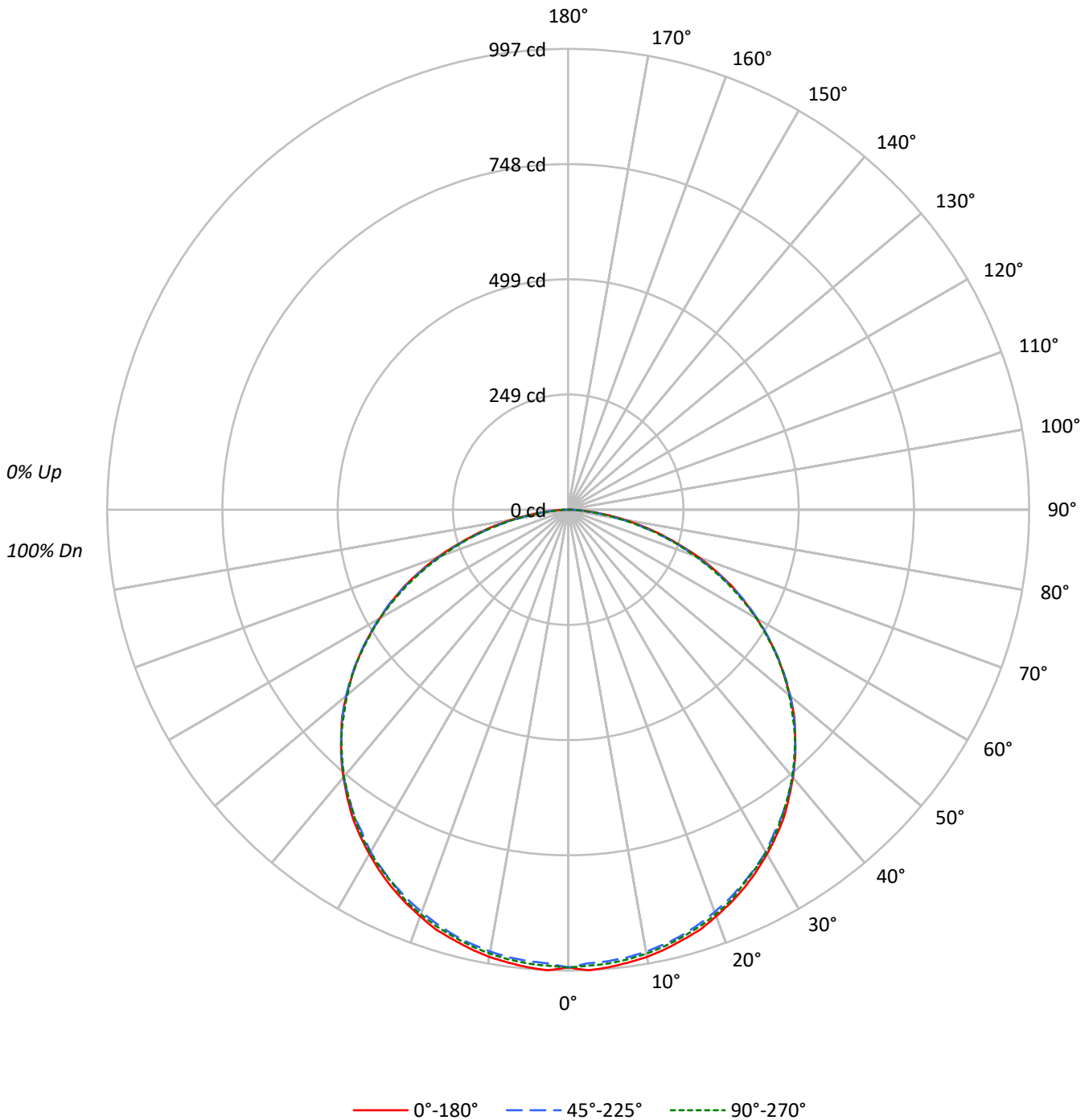
Lumens per Lamp: N/A
Luminaire Lumens: 2961.0 lumens
Efficiency: N/A
Efficacy: 180.5 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 4' x H: 0')
CIE Type: Direct

Input Watts (W): 16.4
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°	10660	10660	10660
5°	10739	10594	10653
10°	10737	10610	10659
15°	10728	10619	10659
20°	10722	10609	10670
25°	10714	10608	10630
30°	10693	10626	10648
35°	10684	10602	10613
40°	10624	10612	10599
45°	10560	10574	10560
50°	10484	10513	10439
55°	10346	10378	10329
60°	10142	10181	10122
65°	9936	9867	9732
70°	9445	9249	9136
75°	8630	8334	8372
80°	7451	6899	7067
85°	5607	5385	4841



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	93.9	3.2
10°-20°	270.7	9.1
20°-30°	414.2	14.0
30°-40°	506.4	17.1
40°-50°	535.7	18.1
50°-60°	493.6	16.7
60°-70°	380.4	12.8
70°-80°	213.1	7.2
80°-90°	53.0	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°	778.8	26.3
0°-40°	1285.3	43.4
0°-60°	2314.6	78.2
0°-90°	2961.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2961.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	990	990	990	990	990	
5°	994	990	980	990	986	94
15°	963	961	953	961	956	272
25°	902	900	893	900	895	416
35°	813	811	807	810	808	508
45°	694	696	695	694	694	536
55°	551	556	553	553	550	492
65°	390	390	387	378	382	384
75°	208	205	200	193	201	220
85°	45	43	44	44	39	56
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	990.3	990.3	990.3	990.3	990.3
2.5°	997.4	993.0	982.3	992.1	987.6
5°	993.9	990.3	980.5	990.3	985.9
7.5°	988.5	985.9	976.9	985.9	981.4
10°	982.3	979.6	970.7	979.6	975.2
12.5°	973.4	971.6	962.7	971.6	967.1
15°	962.7	960.9	952.9	960.9	956.5
17.5°	952.0	948.4	940.4	949.3	945.8
20°	936.0	934.2	926.2	934.2	931.5
22.5°	919.9	918.2	911.0	918.2	916.4
25°	902.1	900.4	893.2	900.4	895.0
27.5°	881.7	882.5	874.5	879.0	876.3
30°	860.3	860.3	854.9	856.7	856.7
32.5°	837.1	837.1	829.1	834.5	833.6
35°	813.1	811.3	806.8	809.5	807.7
37.5°	784.6	783.7	781.0	782.8	781.0
40°	756.1	757.0	755.2	754.3	754.3
42.5°	726.7	728.5	725.8	724.9	724.0
45°	693.7	696.4	694.6	693.7	693.7
47.5°	663.5	664.4	661.7	660.8	658.1
50°	626.1	629.6	627.8	626.1	623.4
52.5°	588.7	594.0	590.4	588.7	588.7
55°	551.3	555.7	553.0	553.0	550.4
57.5°	512.1	516.5	513.0	513.0	509.4
60°	471.1	475.6	472.9	470.2	470.2
62.5°	430.1	433.7	432.8	428.4	425.7
65°	390.1	390.1	387.4	377.6	382.1
67.5°	344.6	343.8	340.2	330.4	336.6
70°	300.1	300.1	293.9	282.3	290.3
72.5°	252.0	254.7	246.7	238.7	246.7
75°	207.5	204.8	200.4	193.3	201.3
77.5°	164.8	160.3	155.0	151.4	155.8
80°	120.2	117.6	111.3	111.3	114.0
82.5°	81.9	79.3	74.8	75.7	72.1
85°	45.4	42.7	43.6	43.6	39.2
87.5°	18.7	18.7	18.7	16.9	15.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)