

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: P566215

Luminaire Tested: **4SNX-26SL-SLW-UNV-L835-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566215
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2204-622-4)
Test Lab: INNOVATION CENTER
Issue Date: 9/15/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNX-26SL-SLW-UNV-L835-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

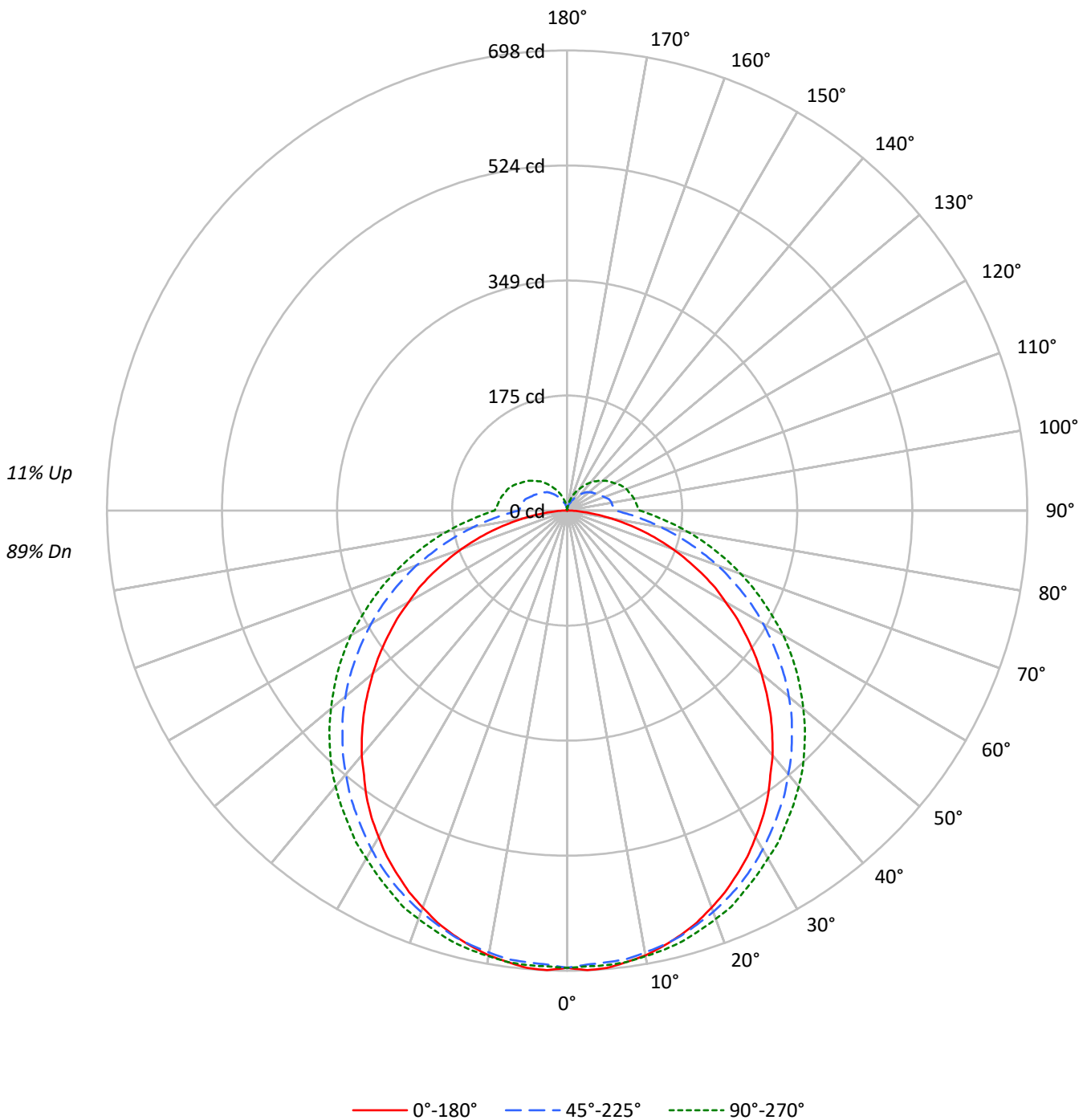
Lumens per Lamp: N/A
Luminaire Lumens: 2468.9 lumens
Efficiency: N/A
Efficacy: 150.5 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')
CIE Type: Semi-Direct

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

TEST NUMBER: P566215

CATALOG NUMBER: 4SNX-26SL-SLW-UNV-L835-CD

Luminous Intensity Polar Plot





TEST NUMBER: P566215

CATALOG NUMBER: 4SNX-26SL-SLW-UNV-L835-CD

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	116	116	116	116	112	112	112	112	105	105	105	98	98	98	92	92	92	89
1	105	100	95	90	101	96	92	88	90	86	83	84	81	79	79	76	74	71
2	95	86	79	73	91	83	77	71	78	72	68	73	68	64	68	65	61	58
3	86	75	67	60	83	73	65	59	68	61	56	64	58	54	60	55	51	49
4	79	66	57	50	75	64	56	49	60	53	47	57	50	46	53	48	44	41
5	72	59	50	43	69	57	49	42	54	46	41	51	44	39	48	42	38	35
6	67	53	44	37	64	51	43	37	48	41	35	46	39	34	43	38	33	31
7	62	48	39	33	59	47	38	32	44	37	31	42	35	30	39	34	29	27
8	57	44	35	29	55	42	34	29	40	33	28	38	32	27	36	30	26	24
9	53	40	32	26	51	39	31	26	37	30	25	35	29	24	33	28	24	22
10	50	37	29	24	48	36	28	23	34	27	23	32	26	22	31	25	21	20

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	7465	7465	7465
5°	7511	7273	7267
10°	7460	7127	7087
15°	7385	6976	6922
20°	7283	6803	6737
25°	7166	6634	6544
30°	7025	6447	6354
35°	6871	6254	6174
40°	6695	6064	6004
45°	6504	5871	5818
50°	6287	5667	5610
55°	6047	5421	5407
60°	5765	5159	5179
65°	5474	4864	4893
70°	5068	4540	4613
75°	4528	4127	4304
80°	3649	3707	3997
85°	2566	3348	3683



TEST NUMBER: P566215

CATALOG NUMBER: 4SNX-26SL-SLW-UNV-L835-CD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	65.9	2.7
10°-20°	189.3	7.7
20°-30°	287.9	11.7
30°-40°	349.5	14.2
40°-50°	369.3	15.0
50°-60°	345.6	14.0
60°-70°	283.5	11.5
70°-80°	195.0	7.9
80°-90°	106.8	4.3
90°-100°	68.8	2.8
100°-110°	61.7	2.5
110°-120°	51.1	2.1
120°-130°	39.3	1.6
130°-140°	27.6	1.1
140°-150°	16.7	0.7
150°-160°	8.0	0.3
160°-170°	2.6	0.1
170°-180°	0.3	0.0
0°-30°	543.1	22.0
0°-40°	892.6	36.2
0°-60°	1607.5	65.1
0°-90°	2192.9	88.8
90°-120°	181.6	7.4
90°-150°	265.2	10.7
90°-180°	276.0	11.2
0°-180°	2468.9	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	694	694	694	694	694	
5°	696	695	688	694	692	66
15°	666	669	668	676	676	188
25°	609	616	624	636	636	281
35°	530	543	559	575	579	331
45°	436	456	482	503	509	336
55°	332	359	392	416	425	297
65°	224	254	293	320	329	222
75°	117	149	192	222	232	123
85°	26	62	104	133	143	30
90°	0	34	73	100	110	2
95°	0	33	70	96	106	0
105°	0	27	66	90	99	1
115°	1	24	56	80	90	1
125°	1	20	47	69	77	1
135°	1	16	39	56	63	1
145°	1	11	27	43	47	1
155°	1	7	17	27	32	1
165°	1	4	9	13	16	0
175°	1	1	3	3	1	0
180°	1	1	1	1	1	



TEST NUMBER: P566215

CATALOG NUMBER: 4SNX-26SL-SLW-UNV-L835-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	693.5	693.5	693.5	693.5	693.5
2.5°	697.8	696.4	689.3	695.0	692.1
5°	696.4	695.0	687.8	693.5	692.1
7.5°	690.7	690.7	686.4	692.1	690.7
10°	685.0	685.0	680.7	687.8	686.4
12.5°	676.4	677.8	675.0	683.5	682.1
15°	666.4	669.2	667.8	676.4	676.4
17.5°	654.9	657.8	657.8	667.8	667.8
20°	640.6	644.9	647.8	659.2	659.2
22.5°	626.3	632.1	636.3	646.4	650.6
25°	609.2	616.3	623.5	636.3	636.3
27.5°	592.0	600.6	609.2	622.0	623.5
30°	572.0	582.0	593.4	606.3	609.2
32.5°	552.0	564.8	576.3	592.0	596.3
35°	530.5	543.4	559.1	574.9	579.1
37.5°	506.2	521.9	542.0	559.1	563.4
40°	484.8	501.9	521.9	542.0	546.3
42.5°	460.5	479.0	503.4	521.9	529.1
45°	436.1	456.2	481.9	503.4	509.1
47.5°	410.4	433.3	461.9	481.9	489.1
50°	384.7	409.0	439.0	461.9	467.6
52.5°	358.9	384.7	416.1	439.0	446.2
55°	331.8	358.9	391.8	416.1	424.7
57.5°	306.0	333.2	367.5	393.2	401.8
60°	277.4	308.9	343.2	368.9	378.9
62.5°	253.1	281.7	318.9	344.6	353.2
65°	224.5	254.5	293.1	320.3	328.9
67.5°	197.3	228.8	267.4	296.0	304.6
70°	170.2	201.6	243.1	270.3	280.3
72.5°	143.0	175.9	215.9	246.0	256.0
75°	117.3	148.7	191.6	221.6	231.7
77.5°	90.1	124.4	167.3	197.3	208.8
80°	65.8	101.5	144.4	174.5	185.9
82.5°	44.3	80.1	123.0	153.0	164.4
85°	25.7	61.5	104.4	133.0	143.0
87.5°	12.9	47.2	87.2	115.8	125.8
90°	0.0	34.3	72.9	100.1	110.1
92.5°	0.0	32.9	71.5	97.2	107.2
95°	0.0	32.9	70.1	95.8	105.8
97.5°	0.0	31.5	68.6	95.8	104.4
100°	0.0	30.0	68.6	94.4	103.0
102.5°	0.0	28.6	67.2	92.9	101.5
105°	0.0	27.2	65.8	90.1	98.7
107.5°	1.4	27.2	62.9	88.7	97.2
110°	1.4	25.7	60.1	87.2	95.8



TEST NUMBER: P566215

CATALOG NUMBER: 4SNX-26SL-SLW-UNV-L835-CD

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.4	24.3	57.2	84.4	92.9
115°	1.4	24.3	55.8	80.1	90.1
117.5°	1.4	22.9	52.9	77.2	87.2
120°	1.4	22.9	51.5	74.4	82.9
122.5°	1.4	21.4	48.6	71.5	80.1
125°	1.4	20.0	47.2	68.6	77.2
127.5°	1.4	18.6	45.8	65.8	74.4
130°	1.4	17.2	42.9	62.9	70.1
132.5°	1.4	17.2	41.5	58.6	67.2
135°	1.4	15.7	38.6	55.8	62.9
137.5°	1.4	14.3	35.7	52.9	60.1
140°	1.4	12.9	32.9	50.0	55.8
142.5°	1.4	12.9	30.0	45.8	51.5
145°	1.4	11.4	27.2	42.9	47.2
147.5°	1.4	10.0	24.3	38.6	42.9
150°	1.4	10.0	21.4	34.3	38.6
152.5°	1.4	8.6	18.6	31.5	35.7
155°	1.4	7.1	17.2	27.2	31.5
157.5°	1.4	7.1	14.3	22.9	27.2
160°	1.4	5.7	12.9	18.6	22.9
162.5°	1.4	5.7	11.4	15.7	20.0
165°	1.4	4.3	8.6	12.9	15.7
167.5°	1.4	4.3	7.1	10.0	12.9
170°	1.4	2.9	5.7	7.1	10.0
172.5°	1.4	2.9	4.3	4.3	4.3
175°	1.4	1.4	2.9	2.9	1.4
177.5°	1.4	1.4	1.4	1.4	1.4
180°	1.4	1.4	1.4	1.4	1.4

(END OF REPORT)