

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: P566218

Luminaire Tested: **4SNX-26SL-SLW-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P566218
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-L930-CD
Description: 4FT 2600 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND SLW LENS
Light Source: -
Ballast/Driver: -

Summary

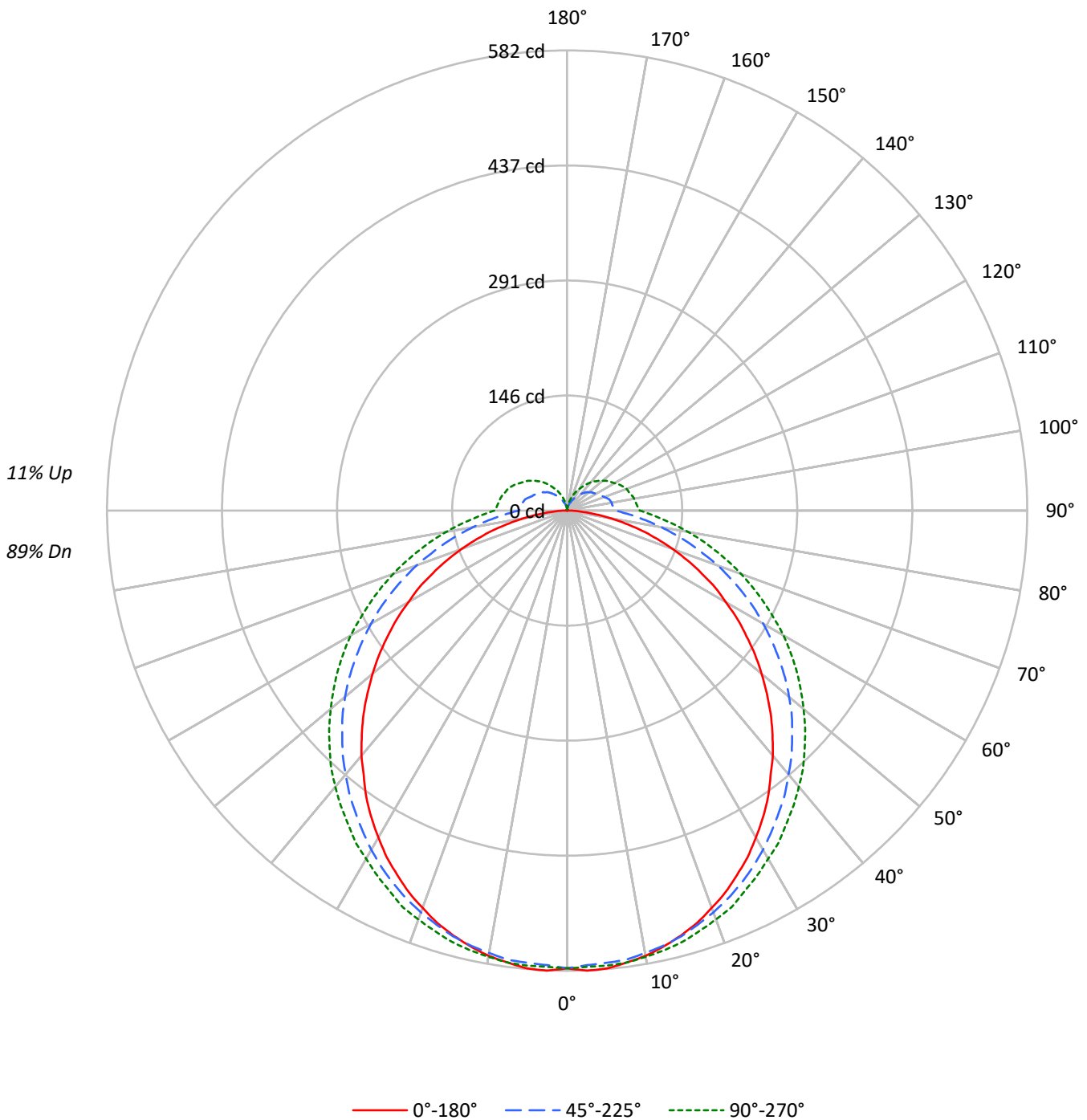
Lumens per Lamp: N/A
Luminaire Lumens: 2061.0 lumens
Efficiency: N/A
Efficacy: 125.7 lumens/watt
Spacing Criteria (0/90/45): 1.23 / 1.31 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.25' x L: 4' x H: 0.08')
CIE Type: Semi-Direct

Input Watts (W): 16.4
Input Voltage (V): NR
Input Current (A_{in}): 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	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	76	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°	6231	6231	6231
5°	6270	6072	6066
10°	6227	5949	5917
15°	6165	5823	5778
20°	6080	5678	5624
25°	5981	5537	5463
30°	5865	5382	5304
35°	5736	5221	5154
40°	5589	5063	5011
45°	5430	4901	4857
50°	5247	4731	4683
55°	5047	4526	4513
60°	4813	4307	4323
65°	4570	4060	4084
70°	4228	3789	3851
75°	3779	3446	3592
80°	3045	3096	3337
85°	2146	2793	3075



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	55.0	2.7
10°-20°	158.1	7.7
20°-30°	240.3	11.7
30°-40°	291.7	14.2
40°-50°	308.3	15.0
50°-60°	288.5	14.0
60°-70°	236.7	11.5
70°-80°	162.8	7.9
80°-90°	89.2	4.3
90°-100°	57.4	2.8
100°-110°	51.5	2.5
110°-120°	42.6	2.1
120°-130°	32.8	1.6
130°-140°	23.1	1.1
140°-150°	13.9	0.7
150°-160°	6.7	0.3
160°-170°	2.2	0.1
170°-180°	0.3	0.0
0°-30°	453.4	22.0
0°-40°	745.1	36.2
0°-60°	1341.9	65.1
0°-90°	1830.5	88.8
90°-120°	151.6	7.4
90°-150°	221.4	10.7
90°-180°	231.0	11.2
0°-180°	2061.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	579	579	579	579	579	
5°	581	580	574	579	578	55
15°	556	559	558	565	565	157
25°	508	514	520	531	531	234
35°	443	454	467	480	483	277
45°	364	381	402	420	425	281
55°	277	300	327	347	354	248
65°	187	212	245	267	274	186
75°	98	124	160	185	193	103
85°	22	51	87	111	119	25
90°	0	29	61	84	92	1
95°	0	28	58	80	88	0
105°	0	23	55	75	82	1
115°	1	20	47	67	75	1
125°	1	17	39	57	64	1
135°	1	13	32	47	52	1
145°	1	10	23	36	39	1
155°	1	6	14	23	26	1
165°	1	4	7	11	13	0
175°	1	1	2	2	1	0
180°	1	1	1	1	1	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	578.9	578.9	578.9	578.9	578.9
2.5°	582.5	581.3	575.4	580.1	577.7
5°	581.3	580.1	574.2	578.9	577.7
7.5°	576.6	576.6	573.0	577.7	576.6
10°	571.8	571.8	568.2	574.2	573.0
12.5°	564.6	565.8	563.4	570.6	569.4
15°	556.3	558.6	557.5	564.6	564.6
17.5°	546.7	549.1	549.1	557.5	557.5
20°	534.8	538.4	540.7	550.3	550.3
22.5°	522.8	527.6	531.2	539.5	543.1
25°	508.5	514.5	520.4	531.2	531.2
27.5°	494.2	501.3	508.5	519.3	520.4
30°	477.5	485.8	495.4	506.1	508.5
32.5°	460.8	471.5	481.1	494.2	497.8
35°	442.9	453.6	466.7	479.9	483.4
37.5°	422.6	435.7	452.4	466.7	470.3
40°	404.7	419.0	435.7	452.4	456.0
42.5°	384.4	399.9	420.2	435.7	441.7
45°	364.1	380.8	402.3	420.2	425.0
47.5°	342.6	361.7	385.6	402.3	408.2
50°	321.1	341.4	366.5	385.6	390.3
52.5°	299.6	321.1	347.4	366.5	372.4
55°	276.9	299.6	327.1	347.4	354.5
57.5°	255.4	278.1	306.8	328.3	335.4
60°	231.6	257.8	286.5	308.0	316.3
62.5°	211.3	235.2	266.2	287.7	294.8
65°	187.4	212.5	244.7	267.4	274.5
67.5°	164.7	191.0	223.2	247.1	254.3
70°	142.0	168.3	202.9	225.6	234.0
72.5°	119.4	146.8	180.2	205.3	213.7
75°	97.9	124.1	160.0	185.0	193.4
77.5°	75.2	103.9	139.7	164.7	174.3
80°	54.9	84.8	120.6	145.6	155.2
82.5°	37.0	66.8	102.7	127.7	137.3
85°	21.5	51.3	87.1	111.0	119.4
87.5°	10.7	39.4	72.8	96.7	105.0
90°	0.0	28.6	60.9	83.6	91.9
92.5°	0.0	27.5	59.7	81.2	89.5
95°	0.0	27.5	58.5	80.0	88.3
97.5°	0.0	26.3	57.3	80.0	87.1
100°	0.0	25.1	57.3	78.8	85.9
102.5°	0.0	23.9	56.1	77.6	84.8
105°	0.0	22.7	54.9	75.2	82.4
107.5°	1.2	22.7	52.5	74.0	81.2
110°	1.2	21.5	50.1	72.8	80.0



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	1.2	20.3	47.7	70.4	77.6
115°	1.2	20.3	46.6	66.8	75.2
117.5°	1.2	19.1	44.2	64.5	72.8
120°	1.2	19.1	43.0	62.1	69.2
122.5°	1.2	17.9	40.6	59.7	66.8
125°	1.2	16.7	39.4	57.3	64.5
127.5°	1.2	15.5	38.2	54.9	62.1
130°	1.2	14.3	35.8	52.5	58.5
132.5°	1.2	14.3	34.6	48.9	56.1
135°	1.2	13.1	32.2	46.6	52.5
137.5°	1.2	11.9	29.8	44.2	50.1
140°	1.2	10.7	27.5	41.8	46.6
142.5°	1.2	10.7	25.1	38.2	43.0
145°	1.2	9.5	22.7	35.8	39.4
147.5°	1.2	8.4	20.3	32.2	35.8
150°	1.2	8.4	17.9	28.6	32.2
152.5°	1.2	7.2	15.5	26.3	29.8
155°	1.2	6.0	14.3	22.7	26.3
157.5°	1.2	6.0	11.9	19.1	22.7
160°	1.2	4.8	10.7	15.5	19.1
162.5°	1.2	4.8	9.5	13.1	16.7
165°	1.2	3.6	7.2	10.7	13.1
167.5°	1.2	3.6	6.0	8.4	10.7
170°	1.2	2.4	4.8	6.0	8.4
172.5°	1.2	2.4	3.6	3.6	3.6
175°	1.2	1.2	2.4	2.4	1.2
177.5°	1.2	1.2	1.2	1.2	1.2
180°	1.2	1.2	1.2	1.2	1.2

(END OF REPORT)