

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: P565686

Luminaire Tested: **2SNX-30SL-UNV-L930-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565686
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: 2SNX-30SL-UNV-L930-CD
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 3000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

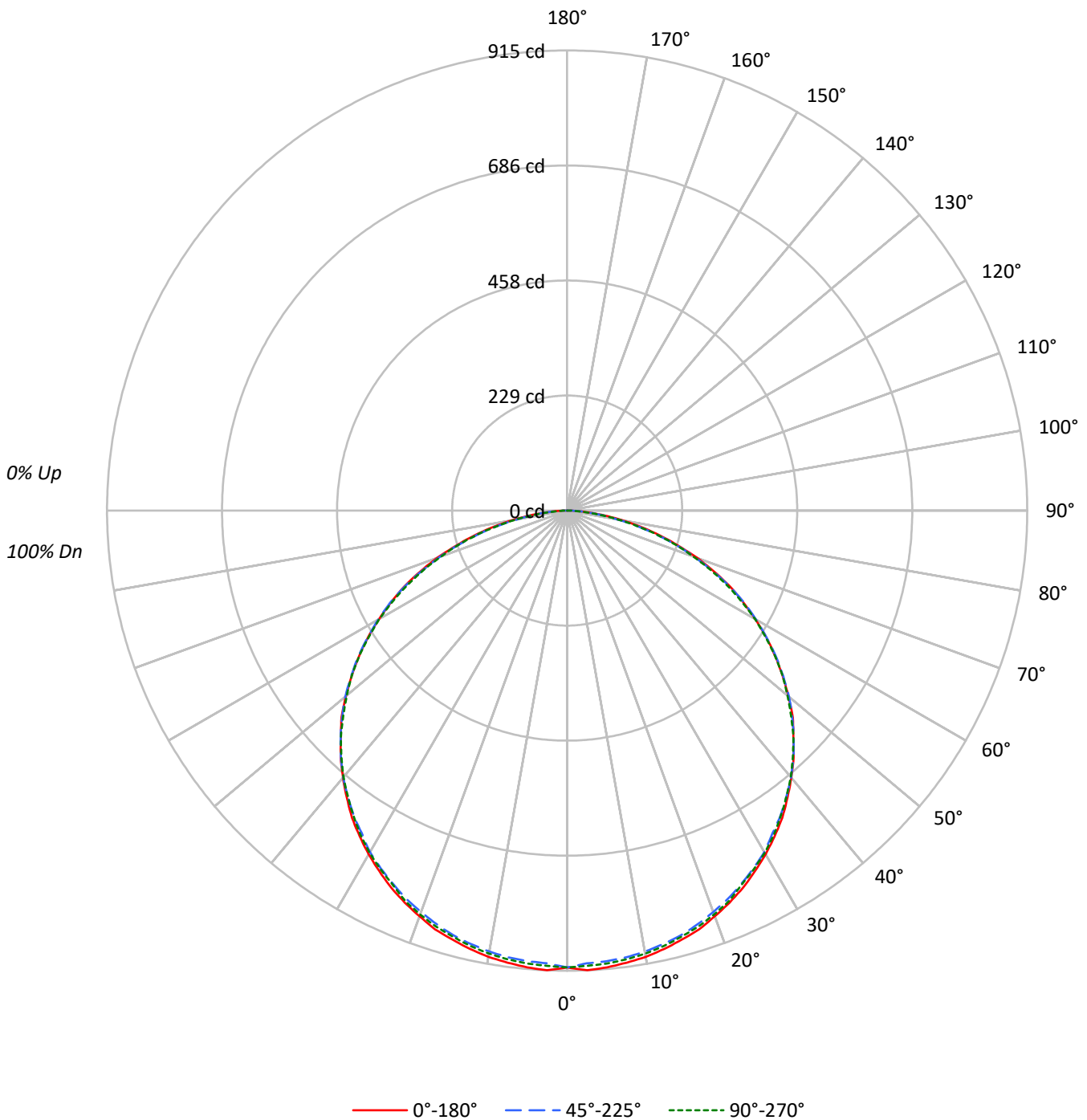
Lumens per Lamp: N/A
Luminaire Lumens: 2716.0 lumens
Efficiency: N/A
Efficacy: 129.3 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 21
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°	19556	19556	19556
5°	19700	19436	19542
10°	19696	19464	19554
15°	19680	19481	19553
20°	19668	19462	19576
25°	19656	19461	19501
30°	19616	19494	19534
35°	19600	19450	19471
40°	19489	19467	19444
45°	19372	19400	19372
50°	19234	19288	19150
55°	18976	19040	18946
60°	18604	18678	18570
65°	18226	18099	17849
70°	17328	16969	16762
75°	15829	15288	15355
80°	13674	12658	12968
85°	10300	9880	8867



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.2	3.2
10°-20°	248.3	9.1
20°-30°	379.9	14.0
30°-40°	464.5	17.1
40°-50°	491.4	18.1
50°-60°	452.8	16.7
60°-70°	348.9	12.8
70°-80°	195.5	7.2
80°-90°	48.6	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°	714.4	26.3
0°-40°	1178.9	43.4
0°-60°	2123.1	78.2
0°-90°	2716.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2716.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	908	908	908	908	908	
5°	912	908	899	908	904	87
15°	883	881	874	881	877	249
25°	828	826	819	826	821	381
35°	746	744	740	742	741	466
45°	636	639	637	636	636	492
55°	506	510	507	507	505	452
65°	358	358	355	346	350	352
75°	190	188	184	177	185	202
85°	42	39	40	40	36	51
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	908.4	908.4	908.4	908.4	908.4
2.5°	914.9	910.8	901.0	910.0	905.9
5°	911.6	908.4	899.4	908.4	904.3
7.5°	906.7	904.3	896.1	904.3	900.2
10°	901.0	898.6	890.4	898.6	894.5
12.5°	892.8	891.2	883.0	891.2	887.1
15°	883.0	881.4	874.1	881.4	877.3
17.5°	873.2	870.0	862.6	870.8	867.5
20°	858.5	856.9	849.5	856.9	854.5
22.5°	843.8	842.2	835.7	842.2	840.6
25°	827.5	825.9	819.3	825.9	821.0
27.5°	808.7	809.5	802.2	806.3	803.8
30°	789.1	789.1	784.2	785.8	785.8
32.5°	767.9	767.9	760.5	765.4	764.6
35°	745.8	744.2	740.1	742.5	740.9
37.5°	719.7	718.8	716.4	718.0	716.4
40°	693.5	694.3	692.7	691.9	691.9
42.5°	666.6	668.2	665.8	664.9	664.1
45°	636.3	638.8	637.2	636.3	636.3
47.5°	608.6	609.4	606.9	606.1	603.7
50°	574.3	577.5	575.9	574.3	571.8
52.5°	540.0	544.9	541.6	540.0	540.0
55°	505.6	509.7	507.3	507.3	504.8
57.5°	469.7	473.8	470.5	470.5	467.3
60°	432.1	436.2	433.8	431.3	431.3
62.5°	394.6	397.8	397.0	392.9	390.5
65°	357.8	357.8	355.3	346.4	350.4
67.5°	316.1	315.3	312.0	303.1	308.8
70°	275.3	275.3	269.6	258.9	266.3
72.5°	231.2	233.6	226.3	218.9	226.3
75°	190.3	187.9	183.8	177.3	184.6
77.5°	151.1	147.0	142.1	138.9	143.0
80°	110.3	107.8	102.1	102.1	104.6
82.5°	75.2	72.7	68.6	69.4	66.2
85°	41.7	39.2	40.0	40.0	35.9
87.5°	17.2	17.2	17.2	15.5	13.9
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)