

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: P565688

Luminaire Tested: **2SNX-30SL-UNV-L940-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565688
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-L940-CD
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 4000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

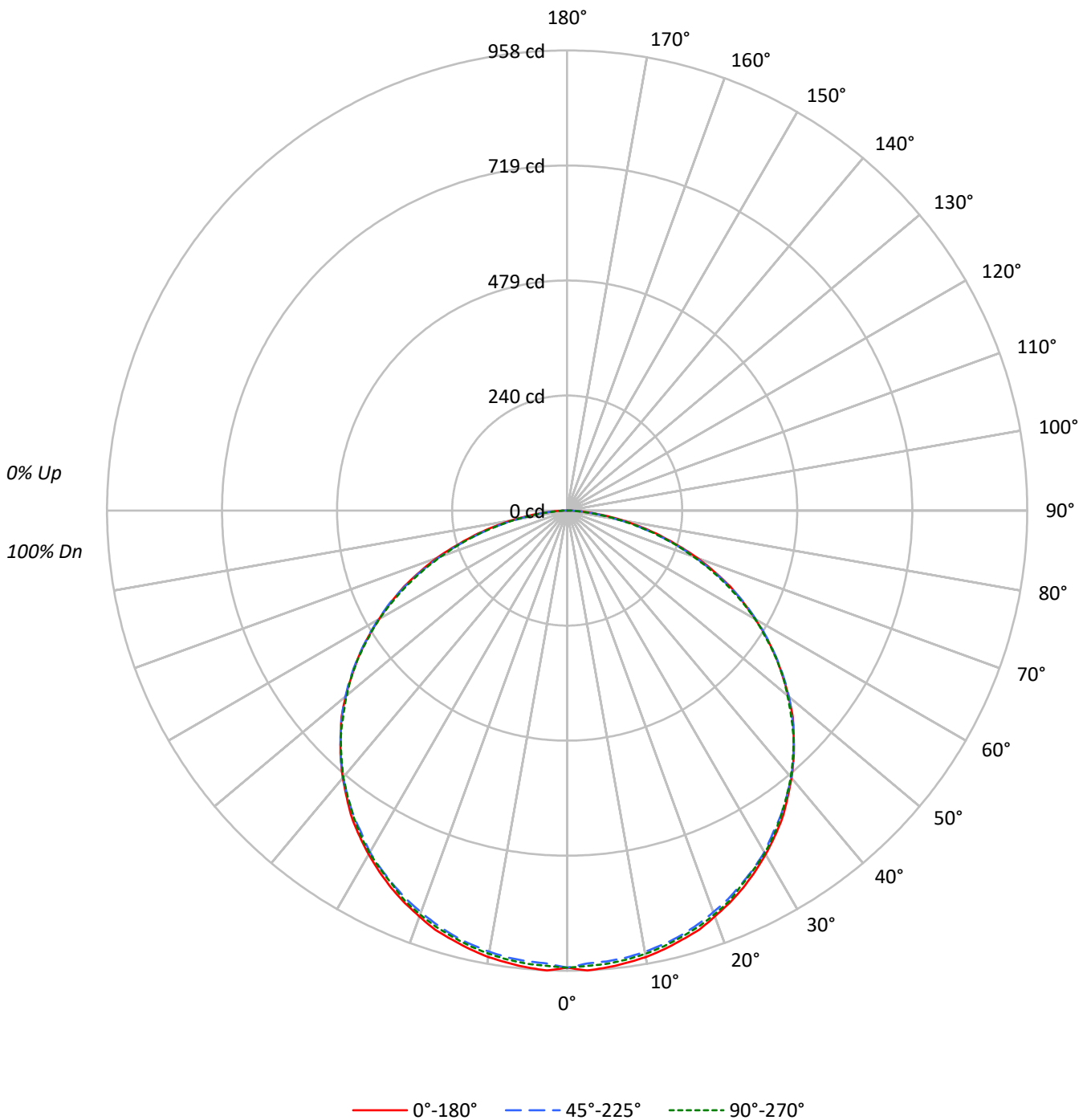
Lumens per Lamp: N/A
Luminaire Lumens: 2845.0 lumens
Efficiency: N/A
Efficacy: 135.5 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

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°	20484	20484	20484
5°	20635	20359	20469
10°	20631	20389	20483
15°	20616	20406	20482
20°	20602	20387	20504
25°	20589	20385	20428
30°	20548	20419	20463
35°	20530	20373	20396
40°	20417	20391	20369
45°	20295	20319	20295
50°	20145	20202	20061
55°	19881	19945	19847
60°	19491	19564	19453
65°	19092	18960	18700
70°	18153	17775	17555
75°	16586	16012	16086
80°	14319	13265	13575
85°	10769	10349	9287



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	90.3	3.2
10°-20°	260.1	9.1
20°-30°	398.0	14.0
30°-40°	486.6	17.1
40°-50°	514.7	18.1
50°-60°	474.3	16.7
60°-70°	365.5	12.8
70°-80°	204.8	7.2
80°-90°	50.9	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°	748.3	26.3
0°-40°	1234.9	43.4
0°-60°	2223.9	78.2
0°-90°	2845.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2845.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	952	952	952	952	952	
5°	955	952	942	952	947	91
15°	925	923	916	923	919	261
25°	867	865	858	865	860	399
35°	781	780	775	778	776	488
45°	667	669	667	667	667	515
55°	530	534	531	531	529	473
65°	375	375	372	363	367	369
75°	199	197	192	186	193	211
85°	44	41	42	42	38	54
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	951.5	951.5	951.5	951.5	951.5
2.5°	958.4	954.1	943.8	953.2	948.9
5°	954.9	951.5	942.1	951.5	947.2
7.5°	949.8	947.2	938.7	947.2	943.0
10°	943.8	941.2	932.7	941.2	937.0
12.5°	935.3	933.5	925.0	933.5	929.3
15°	925.0	923.3	915.6	923.3	919.0
17.5°	914.7	911.3	903.6	912.1	908.7
20°	899.3	897.6	889.9	897.6	895.0
22.5°	883.9	882.2	875.4	882.2	880.5
25°	866.8	865.1	858.2	865.1	860.0
27.5°	847.1	848.0	840.3	844.5	842.0
30°	826.6	826.6	821.4	823.2	823.2
32.5°	804.3	804.3	796.6	801.8	800.9
35°	781.2	779.5	775.2	777.8	776.1
37.5°	753.8	753.0	750.4	752.1	750.4
40°	726.5	727.3	725.6	724.8	724.8
42.5°	698.2	699.9	697.4	696.5	695.7
45°	666.6	669.1	667.4	666.6	666.6
47.5°	637.5	638.3	635.8	634.9	632.3
50°	601.5	605.0	603.2	601.5	599.0
52.5°	565.6	570.7	567.3	565.6	565.6
55°	529.7	533.9	531.4	531.4	528.8
57.5°	492.0	496.3	492.9	492.9	489.4
60°	452.7	456.9	454.4	451.8	451.8
62.5°	413.3	416.7	415.9	411.6	409.0
65°	374.8	374.8	372.2	362.8	367.1
67.5°	331.1	330.3	326.9	317.5	323.4
70°	288.4	288.4	282.4	271.2	278.9
72.5°	242.2	244.7	237.0	229.3	237.0
75°	199.4	196.8	192.5	185.7	193.4
77.5°	158.3	154.0	148.9	145.5	149.7
80°	115.5	112.9	107.0	107.0	109.5
82.5°	78.7	76.2	71.9	72.7	69.3
85°	43.6	41.1	41.9	41.9	37.6
87.5°	18.0	18.0	18.0	16.3	14.5
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)