

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: P565685

Luminaire Tested: **2SNX-30SL-UNV-L850-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565685
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-L850-CD
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 5000K, 80CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

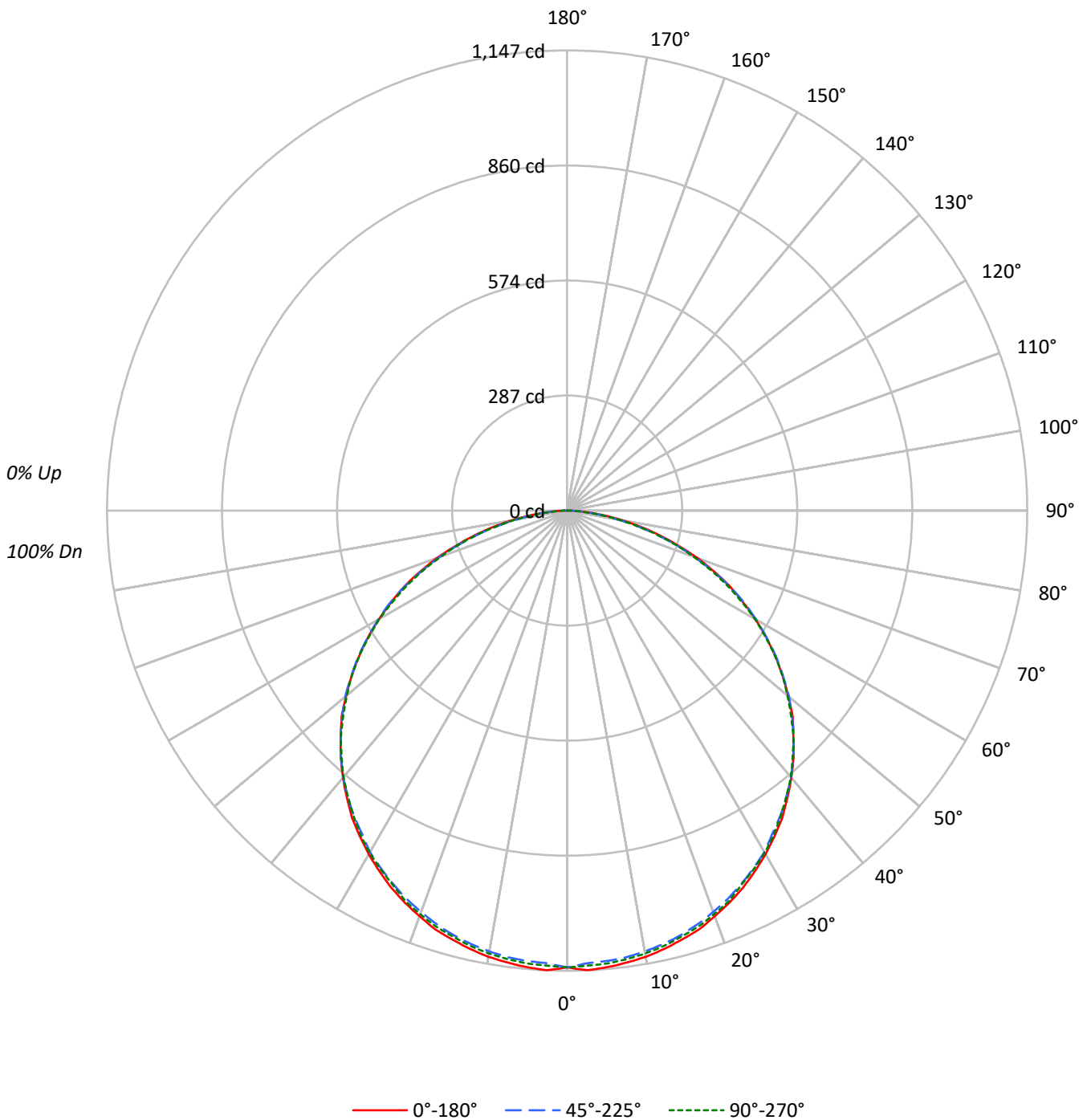
Lumens per Lamp: N/A
Luminaire Lumens: 3404.0 lumens
Efficiency: N/A
Efficacy: 162.1 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P565685

CATALOG NUMBER: 2SNX-30SL-UNV-L850-CD

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°	24509	24509	24509
5°	24692	24359	24491
10°	24686	24393	24507
15°	24665	24416	24507
20°	24651	24394	24534
25°	24635	24392	24440
30°	24585	24431	24483
35°	24565	24378	24404
40°	24427	24399	24371
45°	24280	24313	24280
50°	24104	24174	24003
55°	23784	23863	23747
60°	23319	23405	23276
65°	22841	22688	22372
70°	21715	21268	21010
75°	19838	19164	19247
80°	17133	15869	16241
85°	12894	12400	11115



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	108.0	3.2
10°-20°	311.2	9.1
20°-30°	476.2	14.0
30°-40°	582.2	17.1
40°-50°	615.9	18.1
50°-60°	567.4	16.7
60°-70°	437.3	12.8
70°-80°	245.0	7.2
80°-90°	60.9	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°	895.4	26.3
0°-40°	1477.6	43.4
0°-60°	2660.9	78.2
0°-90°	3404.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	3404.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	1138	1138	1138	1138	1138	
5°	1143	1138	1127	1138	1133	109
15°	1107	1105	1096	1105	1100	313
25°	1037	1035	1027	1035	1029	478
35°	935	933	928	931	929	584
45°	798	801	799	798	798	616
55°	634	639	636	636	633	566
65°	448	448	445	434	439	441
75°	238	236	230	222	231	253
85°	52	49	50	50	45	64
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	1138.5	1138.5	1138.5	1138.5	1138.5
2.5°	1146.7	1141.5	1129.3	1140.5	1135.4
5°	1142.6	1138.5	1127.2	1138.5	1133.3
7.5°	1136.4	1133.3	1123.1	1133.3	1128.2
10°	1129.3	1126.2	1115.9	1126.2	1121.1
12.5°	1119.0	1117.0	1106.7	1117.0	1111.8
15°	1106.7	1104.7	1095.5	1104.7	1099.6
17.5°	1094.4	1090.3	1081.1	1091.4	1087.3
20°	1076.0	1074.0	1064.8	1074.0	1070.9
22.5°	1057.6	1055.5	1047.3	1055.5	1053.5
25°	1037.1	1035.1	1026.9	1035.1	1028.9
27.5°	1013.6	1014.6	1005.4	1010.5	1007.4
30°	989.0	989.0	982.8	984.9	984.9
32.5°	962.4	962.4	953.2	959.3	958.3
35°	934.7	932.7	927.6	930.6	928.6
37.5°	902.0	900.9	897.9	899.9	897.9
40°	869.2	870.2	868.2	867.2	867.2
42.5°	835.4	837.5	834.4	833.4	832.3
45°	797.5	800.6	798.6	797.5	797.5
47.5°	762.7	763.8	760.7	759.7	756.6
50°	719.7	723.8	721.8	719.7	716.7
52.5°	676.7	682.9	678.8	676.7	676.7
55°	633.7	638.9	635.8	635.8	632.7
57.5°	588.7	593.8	589.7	589.7	585.6
60°	541.6	546.7	543.6	540.6	540.6
62.5°	494.5	498.6	497.6	492.4	489.4
65°	448.4	448.4	445.4	434.1	439.2
67.5°	396.2	395.2	391.1	379.8	387.0
70°	345.0	345.0	337.9	324.5	333.8
72.5°	289.7	292.8	283.6	274.4	283.6
75°	238.5	235.5	230.4	222.2	231.4
77.5°	189.4	184.3	178.1	174.0	179.2
80°	138.2	135.1	128.0	128.0	131.0
82.5°	94.2	91.1	86.0	87.0	82.9
85°	52.2	49.1	50.2	50.2	45.0
87.5°	21.5	21.5	21.5	19.5	17.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)