

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: P565689

Luminaire Tested: **2SNX-30SL-UNV-L950-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565689
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-L950-CD
Description: 2FT 3000 LUMEN, SNX FIXTURE WITH 5000K, 90CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

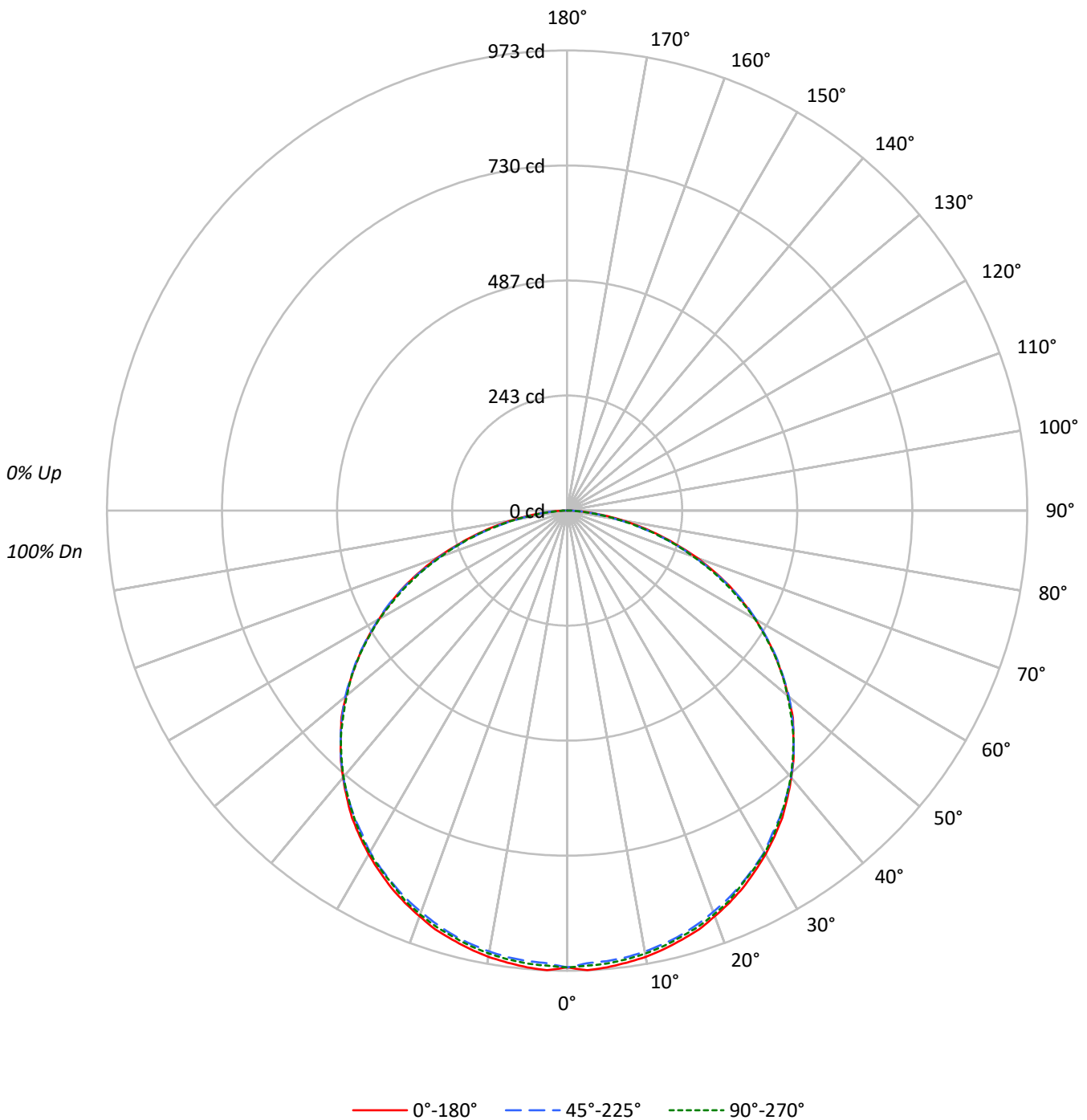
Lumens per Lamp: N/A
Luminaire Lumens: 2888.0 lumens
Efficiency: N/A
Efficacy: 137.5 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

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

TEST NUMBER: P565689

CATALOG NUMBER: 2SNX-30SL-UNV-L950-CD

Luminous Intensity Polar Plot





TEST NUMBER: P565689

CATALOG NUMBER: 2SNX-30SL-UNV-L950-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	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	38	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°	20794	20794	20794
5°	20949	20666	20778
10°	20944	20697	20791
15°	20928	20714	20792
20°	20914	20694	20816
25°	20901	20694	20734
30°	20859	20729	20772
35°	20841	20683	20704
40°	20723	20700	20675
45°	20599	20626	20599
50°	20450	20510	20363
55°	20181	20245	20148
60°	19784	19857	19745
65°	19377	19245	18980
70°	18423	18040	17826
75°	16835	16253	16328
80°	14542	13464	13786
85°	10942	10522	9436



TEST NUMBER: P565689

CATALOG NUMBER: 2SNX-30SL-UNV-L950-CD

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.6	3.2
10°-20°	264.0	9.1
20°-30°	404.0	14.0
30°-40°	494.0	17.1
40°-50°	522.5	18.1
50°-60°	481.4	16.7
60°-70°	371.0	12.8
70°-80°	207.9	7.2
80°-90°	51.7	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°	759.6	26.3
0°-40°	1253.6	43.4
0°-60°	2257.5	78.2
0°-90°	2888.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2888.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	966	966	966	966	966	
5°	969	966	956	966	962	92
15°	939	937	929	937	933	265
25°	880	878	871	878	873	406
35°	793	791	787	790	788	495
45°	677	679	678	677	677	523
55°	538	542	539	539	537	480
65°	380	380	378	368	373	374
75°	202	200	195	188	196	215
85°	44	42	43	43	38	55
90°	0	0	0	0	0	



TEST NUMBER: P565689

CATALOG NUMBER: 2SNX-30SL-UNV-L950-CD

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	965.9	965.9	965.9	965.9	965.9
2.5°	972.8	968.5	958.1	967.6	963.3
5°	969.4	965.9	956.3	965.9	961.5
7.5°	964.2	961.5	952.9	961.5	957.2
10°	958.1	955.5	946.8	955.5	951.1
12.5°	949.4	947.6	939.0	947.6	943.3
15°	939.0	937.2	929.4	937.2	932.9
17.5°	928.5	925.1	917.2	925.9	922.5
20°	912.9	911.2	903.3	911.2	908.6
22.5°	897.3	895.5	888.6	895.5	893.8
25°	879.9	878.2	871.2	878.2	872.9
27.5°	859.9	860.8	853.0	857.3	854.7
30°	839.1	839.1	833.9	835.6	835.6
32.5°	816.5	816.5	808.7	813.9	813.0
35°	793.0	791.3	787.0	789.6	787.8
37.5°	765.2	764.4	761.8	763.5	761.8
40°	737.4	738.3	736.6	735.7	735.7
42.5°	708.8	710.5	707.9	707.0	706.2
45°	676.6	679.2	677.5	676.6	676.6
47.5°	647.1	648.0	645.4	644.5	641.9
50°	610.6	614.1	612.4	610.6	608.0
52.5°	574.1	579.4	575.9	574.1	574.1
55°	537.7	542.0	539.4	539.4	536.8
57.5°	499.4	503.8	500.3	500.3	496.8
60°	459.5	463.8	461.2	458.6	458.6
62.5°	419.5	423.0	422.1	417.8	415.2
65°	380.4	380.4	377.8	368.3	372.6
67.5°	336.2	335.3	331.8	322.3	328.3
70°	292.7	292.7	286.6	275.3	283.2
72.5°	245.8	248.4	240.6	232.8	240.6
75°	202.4	199.8	195.4	188.5	196.3
77.5°	160.7	156.3	151.1	147.7	152.0
80°	117.3	114.7	108.6	108.6	111.2
82.5°	79.9	77.3	73.0	73.8	70.4
85°	44.3	41.7	42.6	42.6	38.2
87.5°	18.2	18.2	18.2	16.5	14.8
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)