

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: P565587

Luminaire Tested: **2SNX-23SL-UNV-L835-CD**

Issue Date: 9/15/2022



Test Information

Test Method: LM-79-08
Report Number: P565587
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-23SL-UNV-L835-CD
Description: 2FT 2300 LUMEN, SNX FIXTURE WITH 3500K, 80CRI LEDS AND NO LENS
Light Source: -
Ballast/Driver: -

Summary

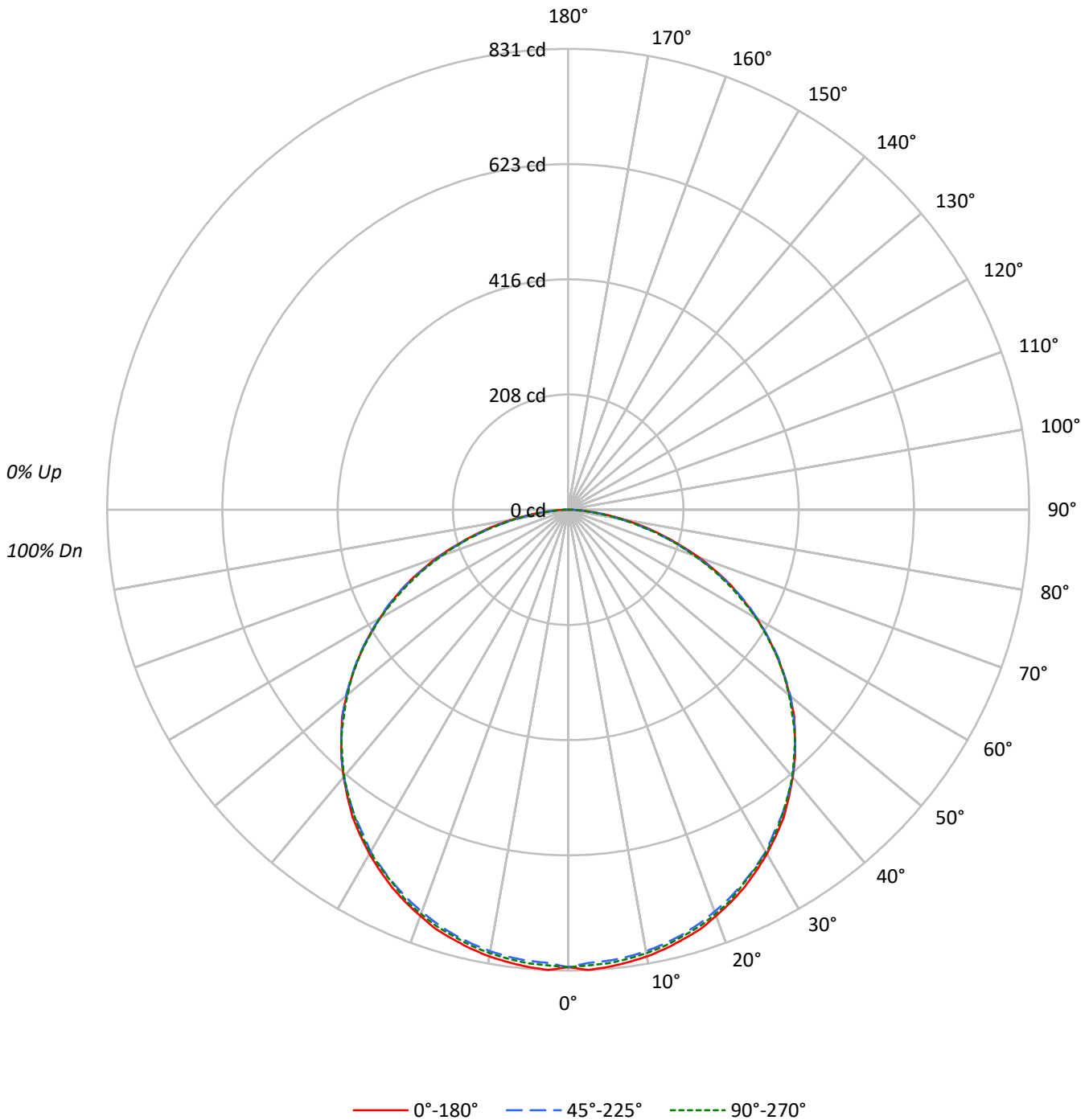
Lumens per Lamp: N/A
Luminaire Lumens: 2466.0 lumens
Efficiency: N/A
Efficacy: 165.5 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular (W 0.25' x L: 2' x H: 0')
CIE Type: Direct

Input Watts (W): 14.9
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	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					100			
1	109	104	99	95	106	101	98	94	97	94	91	93	91	88	90	88	86	83					83			
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71	69					69			
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58					58			
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51	49					49			
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45	42					42			
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37					37			
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	33					33			
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29					29			
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26					26			
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23					23			

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	17756	17756	17756
5°	17887	17647	17742
10°	17884	17672	17752
15°	17870	17687	17754
20°	17858	17672	17773
25°	17846	17670	17706
30°	17811	17699	17736
35°	17797	17661	17679
40°	17696	17674	17654
45°	17591	17612	17591
50°	17462	17513	17389
55°	17231	17288	17205
60°	16895	16955	16861
65°	16550	16433	16209
70°	15729	15408	15220
75°	14373	13882	13940
80°	12410	11492	11765
85°	9337	8966	8052



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.2	3.2
10°-20°	225.5	9.1
20°-30°	344.9	14.0
30°-40°	421.8	17.1
40°-50°	446.2	18.1
50°-60°	411.1	16.7
60°-70°	316.8	12.8
70°-80°	177.5	7.2
80°-90°	44.1	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°	648.6	26.3
0°-40°	1070.4	43.4
0°-60°	1927.7	78.2
0°-90°	2466.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2466.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	825	825	825	825	825	
5°	828	825	817	825	821	79
15°	802	800	794	800	797	227
25°	751	750	744	750	745	346
35°	677	676	672	674	673	423
45°	578	580	578	578	578	446
55°	459	463	461	461	458	410
65°	325	325	323	314	318	320
75°	173	171	167	161	168	183
85°	38	36	36	36	33	47
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	824.8	824.8	824.8	824.8	824.8
2.5°	830.7	827.0	818.1	826.2	822.5
5°	827.7	824.8	816.6	824.8	821.0
7.5°	823.3	821.0	813.6	821.0	817.3
10°	818.1	815.9	808.4	815.9	812.1
12.5°	810.7	809.2	801.8	809.2	805.5
15°	801.8	800.3	793.6	800.3	796.6
17.5°	792.9	789.9	783.2	790.6	787.7
20°	779.5	778.0	771.4	778.0	775.8
22.5°	766.2	764.7	758.7	764.7	763.2
25°	751.3	749.8	743.9	749.8	745.4
27.5°	734.3	735.0	728.3	732.0	729.8
30°	716.5	716.5	712.0	713.5	713.5
32.5°	697.2	697.2	690.5	695.0	694.2
35°	677.2	675.7	672.0	674.2	672.7
37.5°	653.4	652.7	650.5	651.9	650.5
40°	629.7	630.4	628.9	628.2	628.2
42.5°	605.2	606.7	604.5	603.7	603.0
45°	577.8	580.0	578.5	577.8	577.8
47.5°	552.6	553.3	551.1	550.3	548.1
50°	521.4	524.4	522.9	521.4	519.2
52.5°	490.3	494.7	491.7	490.3	490.3
55°	459.1	462.8	460.6	460.6	458.4
57.5°	426.5	430.2	427.2	427.2	424.2
60°	392.4	396.1	393.8	391.6	391.6
62.5°	358.2	361.2	360.5	356.7	354.5
65°	324.9	324.9	322.6	314.5	318.2
67.5°	287.0	286.3	283.3	275.2	280.4
70°	249.9	249.9	244.8	235.1	241.8
72.5°	209.9	212.1	205.4	198.8	205.4
75°	172.8	170.6	166.9	160.9	167.6
77.5°	137.2	133.5	129.1	126.1	129.8
80°	100.1	97.9	92.7	92.7	94.9
82.5°	68.2	66.0	62.3	63.0	60.1
85°	37.8	35.6	36.3	36.3	32.6
87.5°	15.6	15.6	15.6	14.1	12.6
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)