

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: P217941

Luminaire Tested: **4SNLED-LD5-24SL-UNV-L840-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P217941
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P35691)
Test Lab: INNOVATION CENTER-P3
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNLED-LD5-24SL-UNV-L840-CD1-U
Description: LED STRIP LIGHT - SNLED SERIES 4FOOT

Light Source: -
Ballast/Driver: -

Summary

Lumens per Lamp: N/A
Luminaire Lumens: 2486.0 lumens
Efficiency: N/A
Efficacy: 155.4 lumens/watt
Spacing Criteria (0/90/45): 1.29 / 1.28 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.17' x L: 4' x H: 0.17')
CIE Type: Direct

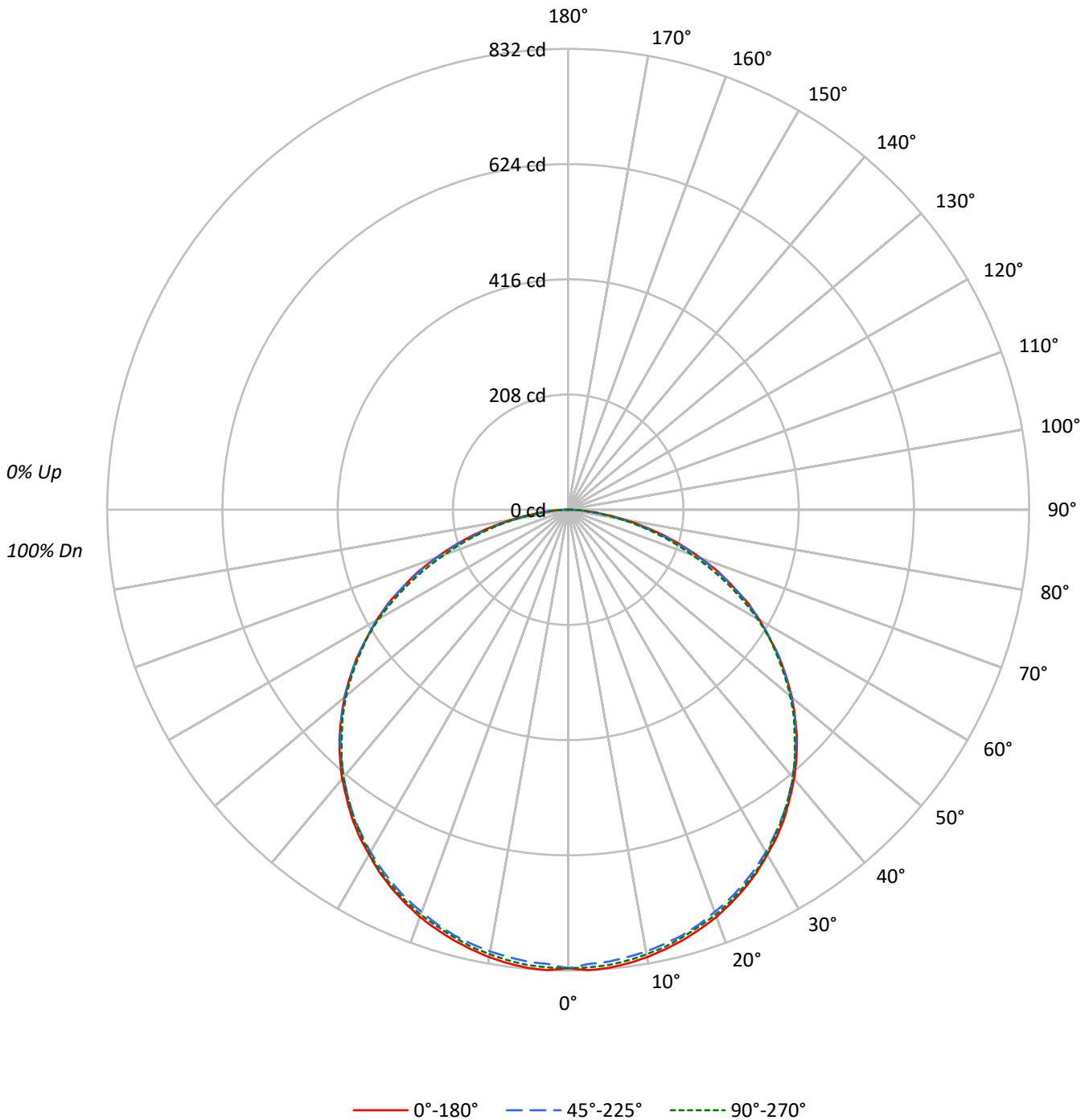
Input Watts (W): 16
Input Voltage (V): NR
Input Current (A_{in}): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT



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

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	13340	13340	13340
5°	13385	12450	12277
10°	13322	11728	11336
15°	13262	11080	10508
20°	13216	10451	9782
25°	13150	9876	9101
30°	13060	9316	8458
35°	12998	8758	7828
40°	12895	8192	7218
45°	12771	7627	6583
50°	12585	7024	5978
55°	12331	6367	5331
60°	11989	5649	4655
65°	11464	4854	3857
70°	10718	3925	2983
75°	9588	2826	2138
80°	7676	1679	1327
85°	4731	726	537



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	78.5	3.2
10°-20°	225.9	9.1
20°-30°	346.1	13.9
30°-40°	423.6	17.0
40°-50°	448.3	18.0
50°-60°	414.6	16.7
60°-70°	321.9	13.0
70°-80°	181.3	7.3
80°-90°	45.9	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°	650.4	26.2
0°-40°	1074.0	43.2
0°-60°	1936.9	77.9
0°-90°	2486.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2486.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	828	828	828	828	828	
5°	830	827	819	827	825	79
15°	804	801	795	802	799	227
25°	754	751	746	752	751	348
35°	680	678	675	677	677	425
45°	584	583	581	580	578	450
55°	465	467	465	463	461	415
65°	328	330	328	324	318	325
75°	178	178	170	166	162	187
85°	38	38	37	37	36	47
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	827.9	827.9	827.9	827.9	827.9
2.5°	832.2	828.8	821.1	828.8	827.1
5°	830.5	827.1	819.3	827.1	825.4
7.5°	826.2	823.6	815.0	822.8	821.1
10°	820.2	817.6	809.9	817.6	815.0
12.5°	812.5	809.9	803.0	809.9	808.2
15°	803.9	801.3	795.3	802.1	798.7
17.5°	793.6	791.8	785.0	791.8	788.4
20°	782.4	778.9	772.9	779.8	778.1
22.5°	768.6	766.9	760.9	766.9	765.2
25°	754.0	751.4	746.3	752.3	750.6
27.5°	737.7	735.9	730.8	735.1	735.1
30°	718.8	717.9	713.6	717.9	717.0
32.5°	700.7	699.0	694.7	698.1	696.4
35°	680.1	677.5	674.9	676.6	676.6
37.5°	656.9	656.0	653.4	656.0	653.4
40°	634.5	632.8	630.2	631.1	631.1
42.5°	609.6	608.7	606.1	606.1	605.3
45°	583.8	582.9	581.2	580.3	577.8
47.5°	555.4	554.5	554.5	553.7	552.0
50°	527.0	527.0	526.2	523.6	522.7
52.5°	496.1	497.8	495.2	493.5	492.6
55°	465.1	466.8	465.1	463.4	460.8
57.5°	430.7	434.2	431.6	430.7	429.9
60°	398.9	400.6	398.9	396.3	394.6
62.5°	366.3	366.3	363.7	362.0	356.8
65°	327.6	330.1	328.4	324.1	318.1
67.5°	293.2	291.5	289.7	284.6	277.7
70°	253.6	254.5	251.9	244.2	237.3
72.5°	215.8	217.5	212.4	202.0	200.3
75°	178.0	178.0	170.2	165.9	162.5
77.5°	139.3	140.1	129.8	129.0	128.1
80°	102.3	104.0	93.7	96.3	95.4
82.5°	69.6	67.9	63.6	63.6	62.8
85°	37.8	37.8	37.0	37.0	36.1
87.5°	14.6	15.5	17.2	18.9	18.1
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)