

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: P#

Luminaire Tested: **8SNLED-LD5-136SL-UNV-L935-CD1-U**

Issue Date: 3/3/2020

Test Information

Test Method: LM-79-08
Report Number: P#
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P27410)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 8SNLED-LD5-136SL-UNV-L935-CD1-U
Description: 8FT LINEAR SNLED LED FIXTURE
OPEN LED STIP
Light Source: -
Ballast/Driver: -

Summary

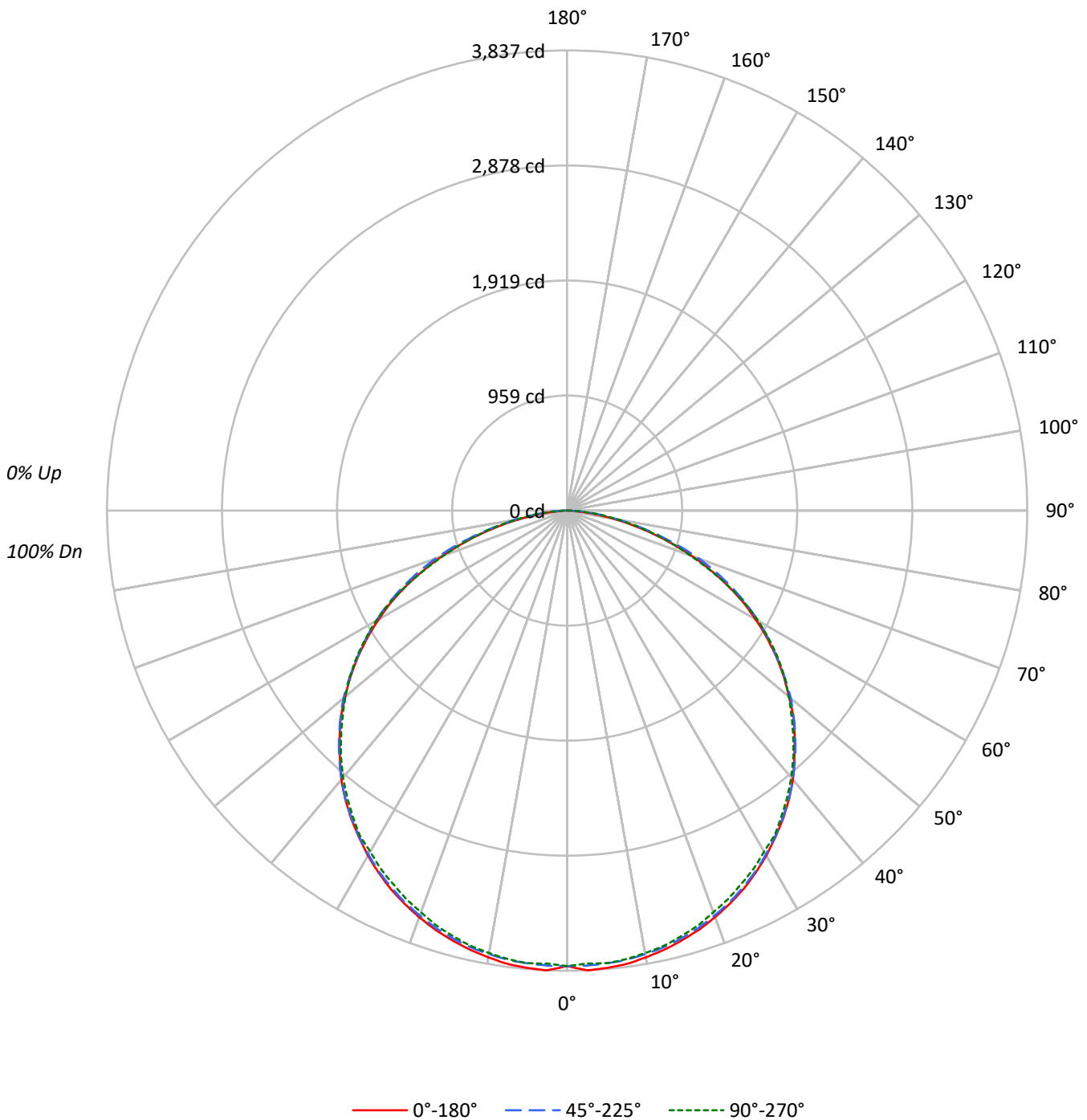
Lumens per Lamp: N/A
Luminaire Lumens: 11392.0 lumens
Efficiency: N/A
Efficacy: 103.6 lumens/watt
Spacing Criteria (0/90/45): 1.3 / 1.29 / 1.41
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 8' x H: 0.12')
CIE Type: Direct

Input Watts (W): 110
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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102
1	109	104	99	96	106	101	98	94	97	94	91	93	91	88	90	88	86
2	99	90	83	77	96	88	82	76	85	79	75	81	77	73	78	75	71
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60
4	82	70	61	54	80	68	60	54	66	59	53	64	57	52	61	56	51
5	75	62	53	46	73	61	52	46	59	51	46	57	50	45	55	49	45
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	15344	15344	15344
5°	15505	15009	14876
10°	15476	14693	14417
15°	15448	14376	13965
20°	15426	14036	13484
25°	15406	13694	13034
30°	15359	13326	12592
35°	15310	12943	12167
40°	15250	12533	11658
45°	15093	12043	11075
50°	14905	11510	10482
55°	14671	10791	9842
60°	14261	10059	9006
65°	13645	9103	7833
70°	12542	7841	6351
75°	10795	6001	4882
80°	8268	3969	3201
85°	4551	1943	1429



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	360.4	3.2
10°-20°	1039.4	9.1
20°-30°	1591.1	14.0
30°-40°	1949.4	17.1
40°-50°	2061.9	18.1
50°-60°	1903.3	16.7
60°-70°	1469.0	12.9
70°-80°	815.4	7.2
80°-90°	202.0	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°	2991.0	26.3
0°-40°	4940.4	43.4
0°-60°	8905.6	78.2
0°-90°	11392.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	11392.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	3798	3798	3798	3798	3798	
5°	3828	3779	3790	3780	3788	364
15°	3708	3665	3691	3678	3674	1047
25°	3481	3439	3468	3437	3435	1604
35°	3138	3104	3132	3098	3115	1963
45°	2683	2658	2690	2662	2666	2070
55°	2129	2112	2137	2135	2146	1900
65°	1475	1460	1517	1507	1479	1454
75°	732	775	781	779	751	776
85°	116	171	174	176	163	156
90°	0	0	0	0	0	



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	3797.6	3797.6	3797.6	3797.6	3797.6
2.5°	3837.4	3788.1	3797.6	3791.9	3780.5
5°	3827.9	3778.6	3790.0	3780.5	3788.1
7.5°	3812.7	3759.6	3778.6	3765.3	3772.9
10°	3782.4	3736.9	3755.8	3740.7	3746.4
12.5°	3750.2	3702.8	3729.3	3710.3	3717.9
15°	3708.4	3664.8	3691.4	3678.1	3674.3
17.5°	3662.9	3621.2	3647.8	3632.6	3626.9
20°	3608.0	3568.1	3592.8	3570.0	3564.4
22.5°	3547.3	3507.5	3535.9	3503.7	3505.6
25°	3480.9	3439.2	3467.7	3437.3	3435.4
27.5°	3405.1	3365.3	3395.6	3363.4	3367.2
30°	3321.7	3281.9	3312.2	3280.0	3283.8
32.5°	3230.7	3198.4	3225.0	3194.6	3215.5
35°	3137.8	3103.6	3132.1	3098.0	3115.0
37.5°	3037.3	3005.1	3035.4	2997.5	3012.6
40°	2929.2	2900.8	2927.3	2893.2	2906.5
42.5°	2804.1	2787.0	2813.6	2779.4	2790.8
45°	2682.7	2658.1	2690.3	2661.9	2665.7
47.5°	2561.4	2534.9	2565.2	2540.5	2538.7
50°	2415.4	2405.9	2434.4	2415.4	2413.5
52.5°	2277.0	2258.1	2288.4	2278.9	2284.6
55°	2129.1	2112.1	2136.7	2134.8	2146.2
57.5°	1975.6	1958.5	1990.7	1986.9	1996.4
60°	1812.5	1799.2	1840.9	1831.5	1839.1
62.5°	1653.3	1628.6	1681.7	1674.1	1670.3
65°	1475.0	1459.9	1516.7	1507.3	1478.8
67.5°	1291.1	1285.4	1344.2	1325.3	1277.9
70°	1107.2	1111.0	1167.9	1131.9	1092.1
72.5°	913.8	942.3	976.4	949.9	921.4
75°	731.8	775.4	781.1	779.2	750.8
77.5°	553.6	608.6	595.3	608.6	585.8
80°	386.8	447.4	438.0	449.3	430.4
82.5°	238.9	293.9	295.8	303.3	286.3
85°	115.7	170.6	174.4	176.3	163.1
87.5°	24.6	79.6	81.5	75.8	66.4
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)