

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: **4SNLED-LD5-26SL-SLN-UNV-L930-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 (P27402)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 4SNLED-LD5-26SL-SLN-UNV-L930-CD1-U
Description: 4FT LINEAR SNLED LED FIXTURE
SQUARE NARROW LENS
Light Source: -
Ballast/Driver: -

Summary

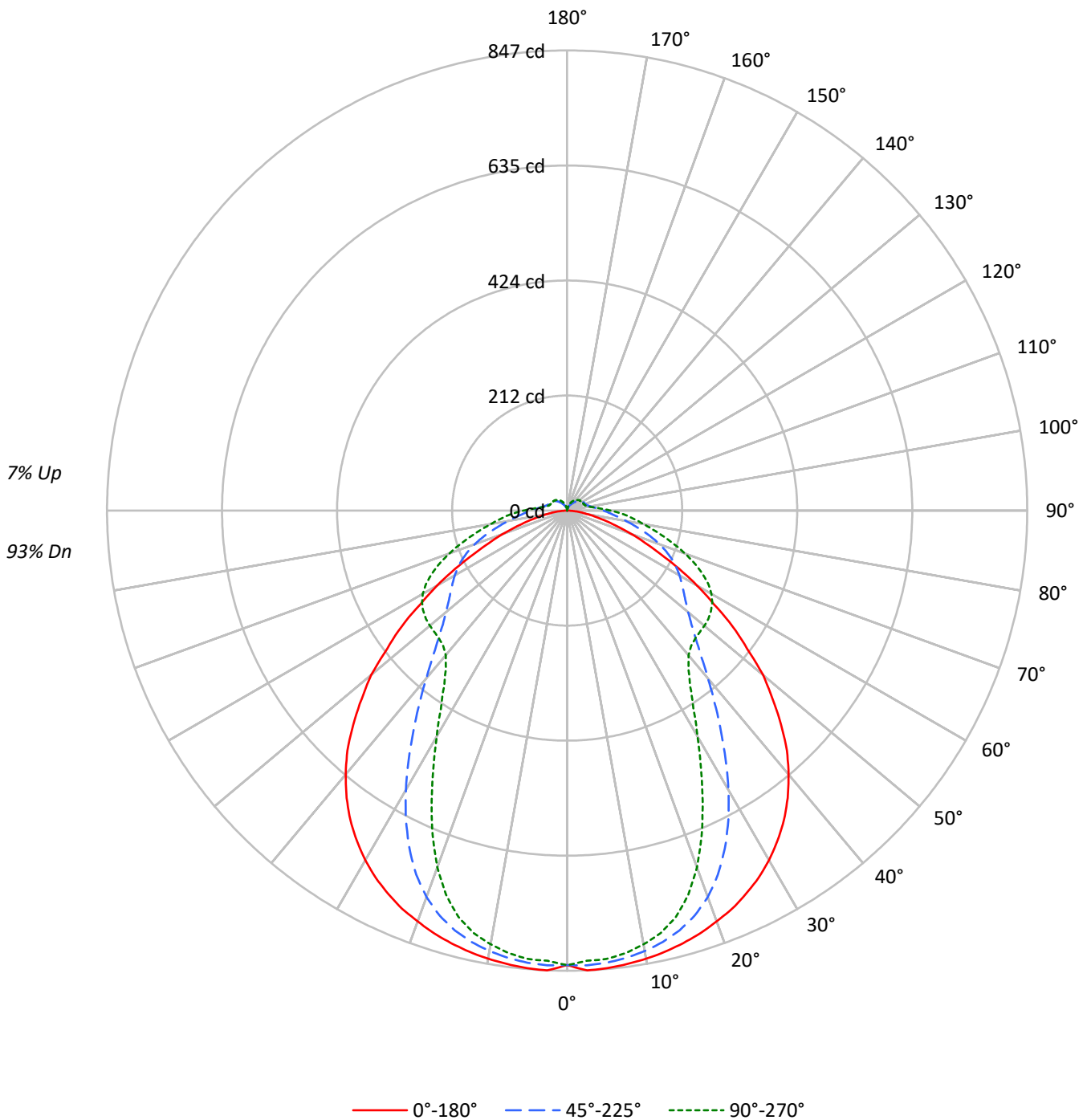
Lumens per Lamp: N/A
Luminaire Lumens: 2104.0 lumens
Efficiency: N/A
Efficacy: 116.9 lumens/watt
Spacing Criteria (0/90/45): 1.31 / 0.96 / 1.11
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.12')
CIE Type: Direct

Input Watts (W): 18
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	0
RCR																		
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	95	95	95	93
1	107	102	97	93	103	99	94	91	93	90	87	88	85	83	83	81	79	76
2	97	89	82	76	94	86	80	75	81	76	72	77	73	69	73	70	66	64
3	89	78	70	64	86	76	69	63	72	66	61	68	63	59	65	61	57	54
4	82	70	61	55	79	68	60	54	65	58	52	61	55	51	58	53	49	47
5	75	63	54	47	73	61	53	47	58	51	46	55	49	44	53	48	43	41
6	70	57	48	42	67	55	47	41	53	46	40	51	44	39	48	43	39	36
7	65	52	43	37	63	51	42	37	48	41	36	46	40	35	44	39	35	32
8	61	47	39	33	59	46	39	33	44	37	32	43	36	32	41	35	31	29
9	57	44	36	30	55	43	35	30	41	34	29	40	33	29	38	33	28	27
10	53	40	33	28	52	40	32	27	38	32	27	37	31	27	35	30	26	24

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	6761	6761	6761
5°	6839	6611	6508
10°	6836	6429	6240
15°	6839	6213	5884
20°	6841	5893	5285
25°	6844	5400	4476
30°	6812	4752	3680
35°	6715	4043	3085
40°	6518	3424	2789
45°	6173	2975	2768
50°	5703	2720	2865
55°	5021	2615	2964
60°	4236	2577	3006
65°	3408	2521	2912
70°	2737	2390	2686
75°	2064	2163	2384
80°	1522	1942	2119
85°	1018	1832	1951



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.2	3.8
10°-20°	223.7	10.6
20°-30°	312.7	14.9
30°-40°	324.4	15.4
40°-50°	299.7	14.2
50°-60°	267.6	12.7
60°-70°	216.9	10.3
70°-80°	144.2	6.9
80°-90°	82.6	3.9
90°-100°	45.7	2.2
100°-110°	31.0	1.5
110°-120°	25.8	1.2
120°-130°	20.9	1.0
130°-140°	15.1	0.7
140°-150°	9.1	0.4
150°-160°	4.4	0.2
160°-170°	1.1	0.1
170°-180°	0.0	0.0
0°-30°	615.6	29.3
0°-40°	940.0	44.7
0°-60°	1507.3	71.6
0°-90°	1950.9	92.7
90°-120°	102.4	4.9
90°-150°	147.6	7.0
90°-180°	153.0	7.3
0°-180°	2104.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	837	837	837	837	837	
5°	845	831	836	830	829	80
15°	824	807	800	782	774	233
25°	779	744	687	615	590	359
35°	696	619	492	413	395	434
45°	557	441	335	323	333	428
55°	372	281	262	304	323	331
65°	190	170	213	261	275	192
75°	74	92	144	176	183	81
85°	15	43	85	108	111	17
90°	1	30	67	81	80	1
95°	1	26	53	57	55	1
105°	0	22	38	37	35	0
115°	0	20	34	34	32	0
125°	0	17	30	31	30	0
135°	1	13	24	28	28	1
145°	1	8	16	22	23	0
155°	1	5	10	14	16	0
165°	1	3	5	6	9	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0



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CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	836.6	836.6	836.6	836.6	836.6
2.5°	847.2	833.4	837.7	834.1	829.4
5°	845.4	831.2	835.5	829.7	828.6
7.5°	842.1	827.9	830.5	823.5	821.7
10°	837.7	822.8	823.2	813.4	810.8
12.5°	831.9	815.5	813.4	799.9	796.3
15°	824.3	806.8	799.9	781.7	774.1
17.5°	815.9	795.5	781.4	753.4	741.4
20°	804.6	781.7	757.0	714.5	698.5
22.5°	793.4	765.0	725.4	668.7	647.2
25°	778.8	744.3	686.8	614.8	589.8
27.5°	762.5	719.9	642.5	559.6	532.7
30°	743.2	690.5	593.8	505.4	479.9
32.5°	720.6	657.4	542.5	456.7	433.0
35°	695.6	619.2	492.3	413.4	394.9
37.5°	666.8	577.4	445.8	378.5	366.5
40°	634.1	531.9	402.9	351.6	347.6
42.5°	598.8	487.6	366.1	334.1	337.8
45°	557.0	441.4	335.2	323.2	333.1
47.5°	513.0	396.3	310.1	317.1	331.2
50°	470.5	354.5	290.5	313.1	329.8
52.5°	417.8	317.1	274.9	309.4	327.6
55°	372.3	281.4	261.8	304.3	323.2
57.5°	320.0	249.4	250.2	297.8	316.7
60°	276.3	220.3	238.9	288.7	306.9
62.5°	232.0	194.2	226.5	276.7	293.1
65°	190.2	170.2	213.1	261.1	274.9
67.5°	155.3	148.3	197.8	242.2	253.8
70°	125.8	128.3	181.1	221.1	230.9
72.5°	96.7	109.8	162.9	198.5	206.9
75°	73.8	92.4	143.6	176.0	183.3
77.5°	54.5	77.1	126.2	155.6	161.8
80°	38.5	63.6	109.8	137.8	142.5
82.5°	25.8	52.4	96.4	121.8	126.2
85°	14.9	42.9	84.7	108.4	111.3
87.5°	6.2	35.6	75.3	94.5	96.0
90°	0.7	30.2	66.9	80.7	80.0
92.5°	0.7	27.3	59.6	67.6	65.8
95°	0.7	25.5	53.1	56.7	54.9
97.5°	0.7	24.4	47.3	48.7	46.9
100°	0.4	23.6	43.3	43.3	41.4
102.5°	0.4	22.9	40.4	39.3	37.8
105°	0.4	22.2	38.2	37.1	35.3
107.5°	0.4	21.8	36.7	35.6	33.8
110°	0.4	21.1	35.6	34.5	33.1



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.4	20.7	34.9	34.2	32.4
115°	0.4	20.0	33.8	33.5	32.4
117.5°	0.4	19.3	33.1	33.1	32.0
120°	0.4	18.5	32.0	32.7	31.6
122.5°	0.4	17.8	30.9	32.0	30.9
125°	0.4	17.1	29.8	31.3	30.5
127.5°	0.7	16.0	28.4	30.5	29.8
130°	0.4	14.9	26.9	29.8	29.5
132.5°	0.7	13.8	25.5	28.7	28.7
135°	0.7	12.7	23.6	27.6	27.6
137.5°	0.7	11.3	21.8	26.2	26.5
140°	0.7	10.2	20.0	24.7	25.5
142.5°	0.7	9.1	18.2	23.3	24.4
145°	0.7	8.0	16.4	21.5	22.9
147.5°	0.7	7.3	14.5	19.3	21.5
150°	0.7	6.2	13.1	17.5	19.6
152.5°	0.7	5.5	11.6	15.6	18.2
155°	0.7	5.1	10.2	13.5	16.4
157.5°	0.7	4.4	8.7	11.6	14.5
160°	0.7	3.6	7.3	10.2	12.4
162.5°	0.7	3.3	6.2	8.4	10.9
165°	0.7	2.9	5.1	6.5	8.7
167.5°	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)