

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: **2SNLED-LD5-26SL-SLC-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 (P27404)
Test Lab: INNOVATION CENTER-P2
Issue Date: 3/3/2020
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: METALUX
Catalog Number: 2SNLED-LD5-26SL-SLC-UNV-L930-CD1-U
Description: 2FT LINEAR SNLED LED FIXTURE
CLEAR SQUARE LENS
Light Source: -
Ballast/Driver: -

Summary

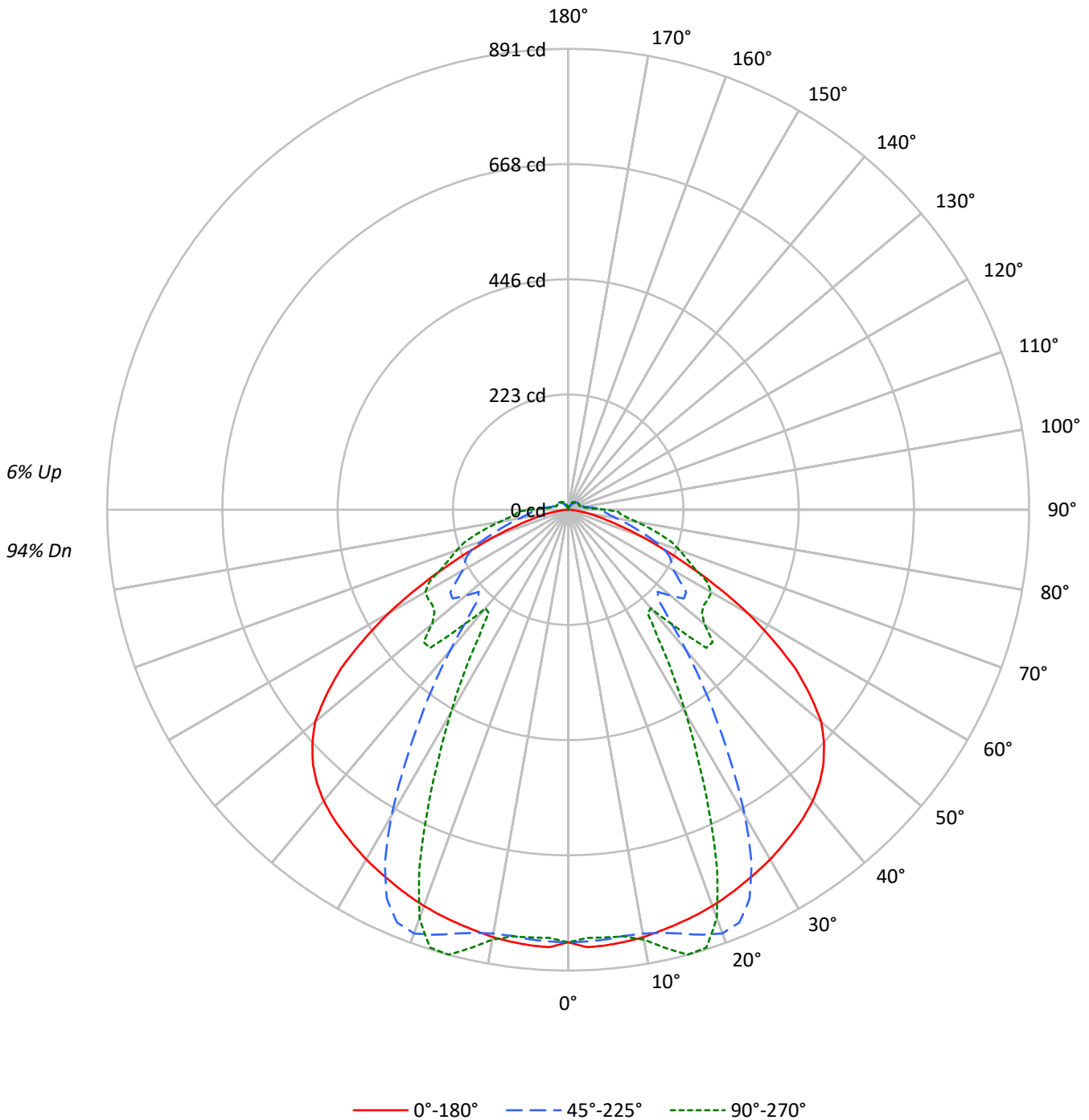
Lumens per Lamp: N/A
Luminaire Lumens: 2148.0 lumens
Efficiency: N/A
Efficacy: 102.3 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1 / 1.08
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 2' x H: 0.12')
CIE Type: Direct

Input Watts (W): 21
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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	94
1	107	102	98	94	104	99	95	92	94	91	88	89	87	84	85	83	81	78
2	98	90	83	77	95	87	81	76	83	78	73	79	74	71	75	71	68	66
3	89	79	71	65	87	77	70	64	73	67	62	70	65	60	67	62	59	56
4	82	71	62	56	80	69	61	55	66	59	53	63	57	52	60	55	51	49
5	76	63	55	48	74	62	54	48	59	52	47	57	51	46	54	49	45	43
6	70	58	49	43	68	56	48	42	54	47	41	52	45	41	50	44	40	38
7	66	52	44	38	64	51	43	38	49	42	37	47	41	36	46	40	36	34
8	61	48	40	34	59	47	39	34	45	38	33	44	37	33	42	37	32	30
9	57	44	36	31	56	44	36	31	42	35	30	41	34	30	39	34	29	28
10	54	41	33	28	52	40	33	28	39	32	28	38	32	27	37	31	27	25

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	13515	13515	13515
5°	13641	13174	13036
10°	13622	12949	12991
15°	13621	13108	13540
20°	13707	13474	12709
25°	13835	12926	9786
30°	14062	10807	6960
35°	14359	8169	4714
40°	14736	5927	3990
45°	15003	4290	6275
50°	14941	4739	5955
55°	13876	5439	5881
60°	11725	4961	6251
65°	8724	4985	5716
70°	6029	4517	5323
75°	3863	3763	4775
80°	2364	3202	3974
85°	1157	3011	3568



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	79.6	3.7
10°-20°	240.2	11.2
20°-30°	349.0	16.2
30°-40°	333.5	15.5
40°-50°	305.0	14.2
50°-60°	281.6	13.1
60°-70°	223.7	10.4
70°-80°	138.1	6.4
80°-90°	75.2	3.5
90°-100°	38.0	1.8
100°-110°	23.9	1.1
110°-120°	20.2	0.9
120°-130°	16.5	0.8
130°-140°	11.9	0.6
140°-150°	7.3	0.3
150°-160°	3.5	0.2
160°-170°	0.9	0.0
170°-180°	0.0	0.0
0°-30°	668.8	31.1
0°-40°	1002.2	46.7
0°-60°	1588.9	74.0
0°-90°	2025.9	94.3
90°-120°	82.1	3.8
90°-150°	117.8	5.5
90°-180°	122.0	5.7
0°-180°	2148.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	836	836	836	836	836	
5°	845	832	834	830	830	80
15°	828	817	848	880	891	234
25°	798	814	830	702	645	369
35°	760	747	504	347	302	476
45°	697	486	246	314	378	536
55°	536	250	278	300	321	472
65°	259	162	217	264	270	262
75°	76	86	130	172	184	86
85°	11	37	74	100	102	14
90°	0	27	66	78	72	1
95°	0	26	46	40	38	0
105°	0	23	28	26	25	0
115°	0	19	27	24	23	0
125°	0	15	24	23	22	0
135°	0	11	19	21	20	0
145°	0	7	13	17	18	0
155°	1	4	8	11	13	0
165°	1	2	4	5	7	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°	836.2	836.2	836.2	836.2	836.2
2.5°	846.6	834.3	835.8	833.2	828.8
5°	845.4	832.5	834.0	829.5	829.9
7.5°	842.5	829.2	831.0	830.3	832.1
10°	839.2	825.1	832.1	838.4	844.0
12.5°	833.2	820.6	837.7	856.2	867.7
15°	827.7	816.6	848.4	879.9	890.6
17.5°	822.1	815.1	861.7	889.1	887.6
20°	815.1	814.4	871.7	862.5	839.9
22.5°	807.3	814.7	864.0	796.2	751.8
25°	798.4	814.0	829.5	702.2	644.8
27.5°	789.6	810.7	767.0	599.3	542.7
30°	780.7	801.8	682.6	505.3	453.8
32.5°	770.3	782.5	590.8	422.0	374.6
35°	759.6	747.4	503.8	346.8	301.7
37.5°	748.5	696.6	425.7	281.0	252.1
40°	735.1	633.0	353.9	241.0	248.7
42.5°	718.5	561.2	290.6	252.8	306.9
45°	697.4	486.4	245.8	313.5	377.6
47.5°	670.7	414.6	234.7	359.1	379.0
50°	638.5	348.7	258.0	344.3	342.8
52.5°	589.7	293.9	281.7	313.9	325.7
55°	536.4	249.5	278.4	299.5	320.6
57.5°	469.0	219.5	255.4	296.5	320.9
60°	402.0	199.5	235.8	296.1	319.1
62.5°	328.0	181.4	225.8	289.1	302.8
65°	258.7	161.8	216.9	263.6	269.8
67.5°	198.4	141.8	201.4	235.1	247.6
70°	149.5	122.2	176.9	213.2	228.8
72.5°	107.7	103.6	151.8	194.0	210.3
75°	76.3	86.2	129.9	172.1	183.6
77.5°	52.6	70.3	111.4	148.1	157.3
80°	34.4	56.3	94.8	127.3	133.6
82.5°	20.7	45.2	82.2	111.4	114.8
85°	10.7	36.6	73.7	100.3	101.8
87.5°	3.3	30.7	68.9	95.1	97.0
90°	0.4	27.4	65.9	78.1	72.2
92.5°	0.0	25.9	57.0	53.3	47.8
95°	0.0	25.5	45.5	40.3	38.1
97.5°	0.0	24.8	37.4	33.7	32.6
100°	0.0	24.1	32.2	29.6	29.2
102.5°	0.0	23.7	29.2	27.0	26.7
105°	0.0	23.0	28.1	25.5	25.2
107.5°	0.0	21.8	27.4	24.8	24.1
110°	0.0	20.7	27.4	24.4	23.3



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CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
112.5°	0.0	19.6	27.4	24.1	23.0
115°	0.0	18.9	27.0	24.1	23.0
117.5°	0.4	18.1	26.7	24.1	23.0
120°	0.0	17.4	25.9	24.1	22.6
122.5°	0.4	16.3	25.2	23.7	22.6
125°	0.4	15.2	24.1	23.3	22.2
127.5°	0.4	14.1	23.0	22.6	21.5
130°	0.4	13.0	21.8	22.2	21.1
132.5°	0.4	11.8	20.4	21.5	20.7
135°	0.4	10.7	19.2	21.1	20.4
137.5°	0.4	9.6	17.8	20.0	20.0
140°	0.4	8.5	16.3	19.2	19.6
142.5°	0.4	7.8	14.8	18.5	18.9
145°	0.4	6.7	13.3	17.0	18.1
147.5°	0.4	5.9	11.8	15.5	17.0
150°	0.4	5.2	10.4	14.1	15.5
152.5°	0.4	4.4	9.3	12.2	14.4
155°	0.7	4.1	8.1	10.7	13.0
157.5°	0.7	3.3	6.7	9.3	11.1
160°	0.7	3.0	5.9	7.8	10.0
162.5°	0.7	2.6	4.8	6.7	8.5
165°	0.7	2.2	4.1	5.2	7.0
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)