

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: METALUX

Report Number: P1212984

Luminaire Tested: 2SNLED-LD5-26SL-LC-UNV-L930-CD1-U

Issue Date: 3/29/2018

Test Information

Test Method: LM-79-2019
Report Number: P1212984
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P33518)
Test Lab: INNOVATIONS CENTER-P3
Issue Date: 3/29/2018
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 2SNLED-LD5-26SL-LC-UNV-L930-CD1-U
Description: 2FT LINEAR SNLED LED FIXTURE
CLEAR LENSED
Light Source: -
Ballast/Driver: -

Summary

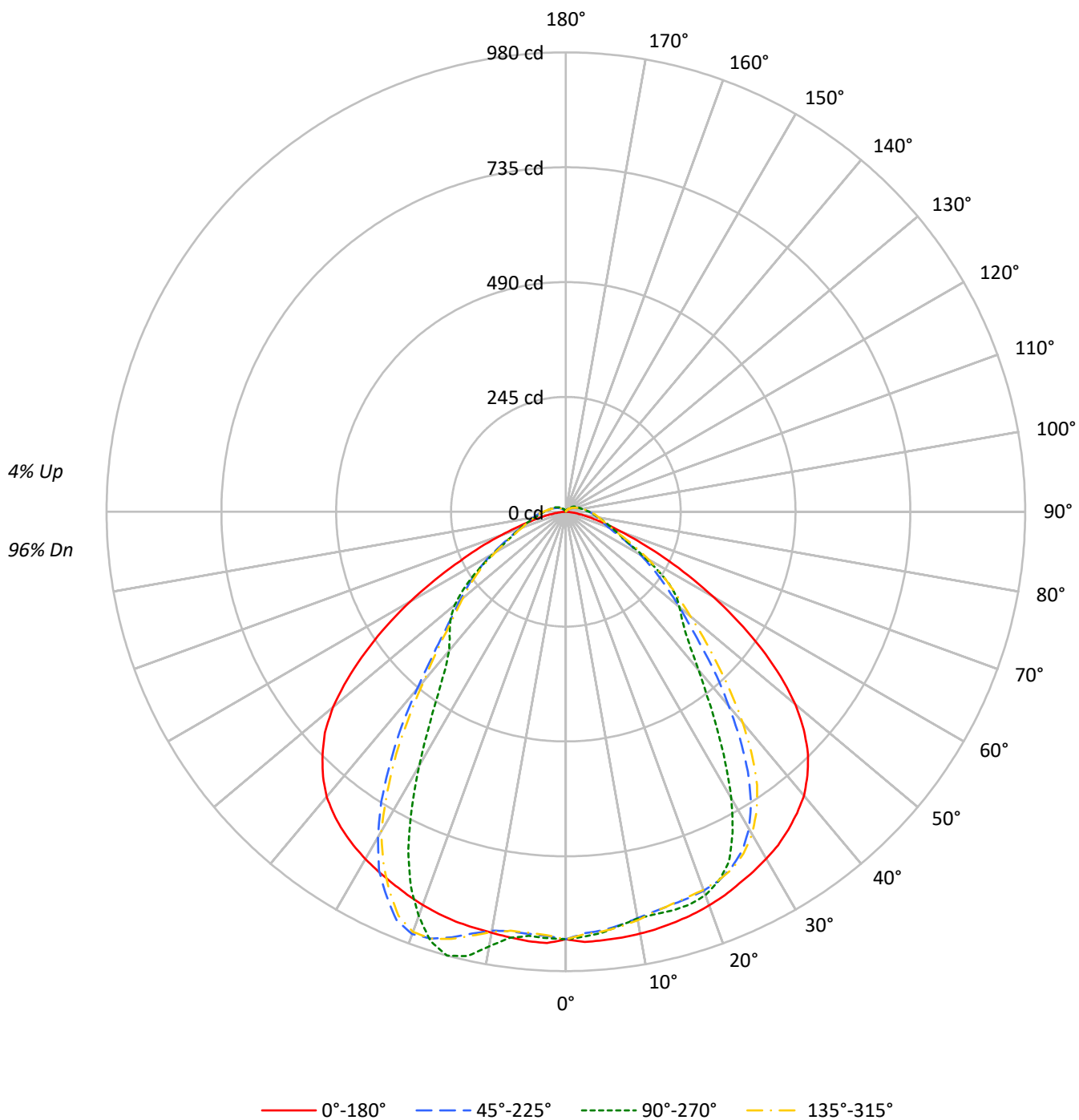
Lumens per Lamp: N/A
Luminaire Lumens: 2174.0 lumens
Efficiency: N/A
Efficacy: 103.5 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.12 / 1.19
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 2' x H: 0.12')
CIE Type: Direct

Input Watts (W): 21
Input Voltage (V): NR
Input Current (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: 24 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
RCR																				
0	118	118	118	118	115	115	115	115	109	109	109	103	103	103	98	98	98	98	98	96
1	109	104	100	97	106	102	98	95	97	94	91	92	90	88	88	86	84	84	84	82
2	100	93	86	81	97	90	85	80	86	82	77	82	79	75	79	76	73	73	73	71
3	92	83	75	69	89	81	74	68	77	71	67	74	69	65	71	67	63	63	63	61
4	85	74	66	60	83	73	65	59	70	63	58	67	61	57	64	60	56	56	56	54
5	79	67	59	52	76	66	58	52	63	56	51	61	55	50	59	53	49	49	49	47
6	73	61	52	46	71	60	52	46	57	51	45	55	49	45	54	48	44	44	44	42
7	68	55	47	42	66	54	47	41	53	46	41	51	45	40	49	44	40	40	40	38
8	64	51	43	37	62	50	42	37	48	42	37	47	41	36	45	40	36	36	36	34
9	60	47	39	34	58	46	39	34	45	38	33	43	37	33	42	37	33	33	33	31
10	56	43	36	31	54	43	36	31	42	35	30	40	34	30	39	34	30	30	30	28

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14738	14738	14738	14738
5°	14806	14154	14837	14266
10°	14833	13565	14802	14486
15°	14906	13385	14898	14902
20°	15027	13172	15011	13885
25°	15165	12496	15157	12074
30°	15399	10830	15408	9594
35°	15644	8757	15689	7410
40°	15845	7052	15911	6212
45°	15717	5973	15798	5816
50°	14958	5498	15168	5377
55°	13185	4942	13514	4492
60°	10605	3783	11171	3469
65°	7800	2894	8404	2744
70°	5223	2498	5888	2389
75°	3337	2255	3889	2133
80°	2068	2103	2426	1934
85°	963	2096	1276	1914

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 180°

Vertical Angle: 45°

Luminance: 15798 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	86.6	4.0
10°-20°	257.7	11.9
20°-30°	391.8	18.0
30°-40°	420.3	19.3
40°-50°	364.8	16.8
50°-60°	270.4	12.4
60°-70°	154.9	7.1
70°-80°	85.8	3.9
80°-90°	52.2	2.4
90°-100°	34.0	1.6
100°-110°	22.7	1.0
110°-120°	15.4	0.7
120°-130°	9.4	0.4
130°-140°	5.0	0.2
140°-150°	2.3	0.1
150°-160°	0.7	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	736.2	33.9
0°-40°	1156.5	53.2
0°-60°	1791.7	82.4
0°-90°	2084.6	95.9
90°-120°	72.1	3.3
90°-150°	88.7	4.1
90°-180°	89.0	4.1
0°-180°	2174.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	912	912	912	912	912	
5°	918	901	920	908	918	87
15°	906	880	905	980	906	256
25°	875	823	875	796	875	405
35°	828	560	830	474	828	518
45°	731	359	734	350	731	559
55°	510	269	522	245	510	452
65°	231	137	249	130	231	233
75°	66	87	77	82	66	75
85°	9	60	12	55	9	12
90°	0	50	1	46	0	0
95°	0	41	0	39	0	0
105°	0	31	0	29	0	1
115°	0	25	0	23	0	0
125°	0	19	0	16	0	0
135°	0	12	0	10	0	0
145°	0	7	1	6	0	0
155°	1	3	1	3	1	0
165°	0	0	0	0	0	0
175°	0	0	0	0	0	0
180°	0	0	0	0	0	0

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CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
0°	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9
2.5°	918.5	916.2	915.2	913.4	914.8	920.4	916.6	910.5	911.0	900.2	905.8
5°	917.6	914.8	913.4	911.5	912.4	917.6	913.8	907.7	907.2	896.4	901.6
7.5°	916.2	913.4	911.0	909.6	910.1	914.3	909.6	902.5	901.1	889.3	894.0
10°	913.8	911.9	908.6	906.3	905.8	910.5	903.0	895.9	892.6	880.4	885.1
12.5°	910.5	907.7	904.4	900.2	899.7	902.5	896.4	886.5	883.2	873.3	878.5
15°	905.8	902.5	898.7	894.0	891.7	893.6	886.0	877.1	876.6	868.1	875.2
17.5°	900.6	895.9	891.7	885.1	881.8	883.2	877.1	869.1	870.0	864.8	872.8
20°	893.6	888.4	881.8	875.2	870.5	872.8	868.6	862.5	863.9	860.1	867.2
22.5°	885.6	878.5	870.5	862.9	859.2	862.5	859.2	854.0	854.5	852.1	856.4
25°	875.2	867.2	857.8	848.3	846.5	848.8	846.9	842.7	840.8	837.0	838.9
27.5°	865.8	856.8	845.0	835.2	831.9	836.6	832.3	825.3	820.1	814.9	811.1
30°	854.9	844.1	830.9	819.6	816.8	818.7	812.5	801.7	788.1	781.5	771.1
32.5°	843.2	829.0	812.5	799.8	797.9	796.5	785.2	769.7	748.5	735.3	719.3
35°	827.6	812.1	792.3	776.7	773.9	765.9	747.5	726.8	699.5	676.9	649.6
37.5°	810.2	791.8	771.1	750.4	742.4	726.3	700.4	678.8	637.3	610.0	577.0
40°	790.4	768.3	742.8	717.9	704.7	678.8	649.1	617.1	577.0	540.3	512.5
42.5°	763.1	739.5	709.4	681.6	659.0	624.6	589.7	544.5	507.8	476.7	448.4
45°	730.6	702.3	667.5	634.0	605.3	564.3	523.3	478.1	447.5	411.2	391.9
47.5°	688.7	658.0	620.8	583.6	545.9	500.7	457.9	414.5	383.9	358.0	343.9
50°	639.2	610.9	570.0	525.7	484.2	437.1	394.3	361.8	332.1	316.1	305.2
52.5°	578.0	551.6	509.7	461.6	421.6	375.4	336.3	309.9	288.7	277.0	273.2
55°	509.7	486.6	445.1	400.4	359.4	317.0	287.3	264.3	250.6	243.5	244.0
57.5°	436.7	418.8	379.7	339.6	301.0	269.0	242.1	223.7	213.4	212.9	214.3
60°	363.6	350.5	316.5	282.2	248.2	222.3	202.5	189.8	183.2	183.7	183.2
62.5°	293.9	281.7	257.2	228.9	202.1	184.6	166.7	161.6	155.9	155.4	155.4
65°	231.3	221.9	202.1	181.8	161.6	150.3	141.3	135.2	130.9	130.0	130.5
67.5°	173.8	170.0	156.4	142.7	130.0	122.9	115.4	114.0	110.7	110.7	111.6
70°	129.5	126.7	119.2	111.2	106.0	101.3	97.5	97.5	97.0	96.6	98.9
72.5°	93.7	94.2	91.9	85.7	85.3	84.3	83.4	84.8	85.3	86.7	89.5
75°	65.9	67.4	67.4	66.4	68.3	70.7	72.1	74.4	77.3	79.1	82.4
77.5°	46.6	46.6	49.0	51.8	55.6	59.8	63.6	66.9	70.7	73.0	75.8
80°	30.1	31.6	35.3	40.5	45.7	51.3	56.5	60.8	64.5	68.3	70.2
82.5°	17.9	20.3	25.0	31.6	38.2	45.2	50.4	55.6	59.8	63.6	65.0
85°	8.9	12.2	17.9	25.0	32.0	39.6	46.2	50.9	55.6	58.9	60.8
87.5°	2.8	6.6	12.7	19.3	26.8	34.4	41.5	46.6	50.9	53.7	55.6
90°	0.0	3.3	8.9	16.0	23.1	30.6	37.2	42.9	47.1	49.5	50.9
92.5°	0.0	1.9	7.1	13.2	19.8	27.3	33.9	39.1	42.9	45.2	46.2
95°	0.5	1.4	5.2	10.8	17.4	24.5	30.6	35.3	39.1	41.5	41.9
97.5°	0.5	0.9	4.2	8.9	15.1	21.7	27.8	32.5	35.3	37.7	38.2
100°	0.5	0.9	3.3	8.0	13.2	19.3	25.0	29.2	32.5	34.4	34.9
102.5°	0.5	0.5	2.8	6.6	11.8	17.0	22.1	26.4	29.2	31.1	32.0
105°	0.5	0.5	2.4	5.7	10.4	15.1	19.8	24.0	26.4	28.3	29.2
107.5°	0.5	0.5	1.9	4.7	8.9	13.2	17.9	21.2	24.0	25.9	26.8
110°	0.5	0.5	1.4	4.2	7.5	11.8	15.5	18.8	21.7	23.6	24.5

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.5	0.5	1.4	3.8	6.6	10.4	13.7	17.0	19.3	21.2	22.6
115°	0.5	0.5	1.4	3.3	6.1	8.9	12.2	15.1	17.4	19.3	20.7
117.5°	0.5	0.5	1.4	2.8	5.2	8.0	10.8	13.7	15.5	17.4	18.8
120°	0.5	0.5	0.9	2.4	4.7	7.1	9.4	11.8	14.1	16.0	17.4
122.5°	0.5	0.5	0.9	2.4	3.8	6.1	8.5	10.4	12.7	14.1	15.5
125°	0.5	0.5	0.9	1.9	3.3	5.7	7.5	9.4	10.8	12.7	14.1
127.5°	0.5	0.5	0.9	1.9	2.8	4.7	6.6	8.5	9.9	11.3	12.2
130°	0.5	0.5	0.9	1.4	2.4	3.8	5.7	7.1	8.9	9.9	10.8
132.5°	0.5	0.5	0.5	1.4	1.9	2.8	4.2	6.1	7.5	8.9	9.4
135°	0.5	0.5	0.5	0.9	1.9	2.4	3.3	4.7	6.1	7.5	8.5
137.5°	0.5	0.5	0.5	0.9	1.4	2.4	2.8	3.8	5.2	6.1	7.5
140°	0.5	0.5	0.5	0.9	1.4	1.9	2.4	3.3	4.2	5.2	6.1
142.5°	0.5	0.5	0.5	0.9	0.9	1.4	1.9	2.8	3.3	4.2	5.2
145°	0.5	0.5	0.5	0.9	0.9	1.4	1.9	2.4	2.8	3.3	4.2
147.5°	0.5	0.5	0.5	0.9	0.9	0.9	1.4	1.9	2.4	2.8	3.3
150°	0.9	0.9	0.9	0.9	0.9	0.9	1.4	1.4	1.9	2.4	2.8
152.5°	0.9	0.9	0.9	0.9	0.9	0.9	1.4	1.4	1.4	1.9	2.4
155°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.4	1.4	1.9	1.9
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
0°	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9
2.5°	903.9	904.9	910.5	910.1	909.1	908.2	908.2	907.2	908.2	910.5	909.6
5°	899.2	900.6	904.9	904.4	903.5	903.0	902.5	901.1	902.0	905.3	904.4
7.5°	890.7	892.2	895.9	894.0	892.6	893.6	891.2	889.8	891.7	895.0	894.5
10°	881.8	882.7	887.4	886.5	884.1	884.6	882.3	881.3	883.7	885.6	886.0
12.5°	875.7	879.0	883.2	882.7	882.3	882.7	880.4	879.4	880.8	882.7	882.3
15°	874.3	878.5	883.2	883.2	883.7	884.1	881.8	880.4	881.8	883.2	882.7
17.5°	872.8	878.0	882.3	881.8	882.3	883.2	879.4	878.5	880.4	882.3	881.3
20°	868.1	872.8	875.7	874.7	874.7	875.2	870.5	870.5	873.3	874.7	875.2
22.5°	854.9	860.6	860.6	858.2	858.2	856.4	854.9	852.1	855.4	857.8	859.7
25°	835.2	837.5	834.7	829.5	826.7	824.3	817.7	823.4	823.4	830.4	832.8
27.5°	807.4	802.2	794.2	783.3	781.0	773.5	769.2	770.6	773.0	782.9	790.4
30°	761.7	746.1	732.5	727.8	717.4	709.9	702.3	706.1	710.3	716.0	731.5
32.5°	701.4	686.3	664.2	656.2	645.3	635.9	627.0	632.6	640.1	643.9	660.9
35°	632.1	614.2	594.0	580.3	569.0	563.8	552.5	560.5	568.5	571.4	586.0
37.5°	558.7	540.3	522.4	510.6	499.8	496.5	488.9	494.6	500.7	505.0	517.2
40°	488.9	472.0	458.3	450.3	442.8	440.0	437.1	439.5	444.2	447.5	456.9
42.5°	429.1	415.5	406.0	401.3	396.1	392.4	392.8	393.8	396.1	403.2	407.5
45°	376.8	368.8	362.7	361.8	358.5	358.0	357.5	359.4	360.8	365.1	368.4
47.5°	334.9	331.6	330.2	332.1	333.5	331.6	332.6	334.9	337.7	337.7	337.3
50°	301.9	302.9	304.8	309.0	311.8	312.8	313.7	316.5	317.0	318.0	316.5
52.5°	275.1	276.0	281.2	287.8	291.1	292.5	294.4	297.2	297.2	298.2	296.3
55°	247.8	249.2	254.4	261.0	263.8	265.7	267.6	269.4	270.8	272.7	271.3
57.5°	217.6	221.9	225.2	227.0	228.9	230.3	231.8	232.2	235.1	235.5	237.9
60°	185.6	186.5	189.8	189.4	187.9	191.7	189.8	193.1	196.4	200.7	201.1
62.5°	155.0	155.4	157.8	156.9	158.7	158.3	159.7	159.7	162.0	163.9	166.3
65°	130.9	131.4	133.3	133.3	132.8	134.2	135.7	136.6	136.6	138.0	139.9
67.5°	113.1	114.5	116.3	117.3	118.2	118.2	119.6	120.1	121.1	121.5	122.5
70°	100.8	102.7	104.6	105.5	106.0	106.9	107.4	107.4	108.3	108.8	109.8
72.5°	91.9	93.7	95.2	95.2	96.1	96.6	96.6	97.0	97.5	98.4	99.4
75°	84.3	85.7	86.7	86.2	86.2	86.2	86.7	86.7	87.6	88.6	89.5
77.5°	77.3	78.7	78.7	77.7	77.7	77.7	77.7	78.2	78.7	79.6	80.5
80°	72.1	72.1	71.6	71.6	70.7	70.2	70.2	70.7	70.7	71.6	73.0
82.5°	66.4	66.4	65.9	65.5	65.0	64.5	64.5	65.0	65.5	65.9	66.9
85°	61.2	61.2	60.3	60.3	59.8	59.8	59.8	59.8	60.3	60.8	61.7
87.5°	56.1	55.6	55.1	54.6	54.6	54.6	54.6	54.6	55.1	56.1	56.5
90°	50.9	50.4	49.9	49.9	49.5	49.5	49.9	49.9	50.4	50.9	51.3
92.5°	46.2	45.7	45.2	45.2	44.7	44.7	45.2	44.7	45.7	45.7	46.2
95°	41.9	41.5	41.0	41.0	41.0	41.0	41.0	41.0	41.5	41.5	41.9
97.5°	38.2	37.7	37.2	37.2	37.7	37.2	37.7	37.7	37.7	38.2	38.6
100°	34.9	34.4	34.4	34.9	34.4	34.4	34.9	34.9	34.9	34.9	35.3
102.5°	32.0	32.0	32.0	32.0	32.0	32.0	32.5	32.5	32.5	32.5	33.0
105°	29.2	29.7	29.7	29.7	30.1	30.1	30.1	30.6	30.6	30.6	30.6
107.5°	27.3	27.8	27.8	28.3	28.3	28.7	28.7	28.7	28.7	29.2	29.2
110°	25.4	25.9	26.4	26.8	26.8	27.3	27.3	27.3	27.3	27.3	27.3

TEST NUMBER: P1212984

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	23.6	24.0	24.5	25.4	25.9	25.9	25.9	25.9	26.4	26.4	25.9
115°	21.7	22.6	23.1	24.0	24.5	24.5	25.0	25.0	25.0	25.0	24.5
117.5°	19.8	21.2	21.7	22.6	23.1	23.1	23.6	23.6	23.6	23.6	23.1
120°	18.4	19.3	20.3	20.7	21.2	21.7	21.7	22.1	22.1	22.1	21.7
122.5°	17.0	17.9	18.8	19.3	19.8	20.3	20.3	20.3	20.3	20.3	20.3
125°	15.1	16.0	17.0	17.4	17.9	18.4	18.4	18.8	18.8	18.8	18.4
127.5°	13.7	14.6	15.1	16.0	16.5	16.5	17.0	17.0	17.0	17.0	16.5
130°	11.8	12.7	13.7	14.1	14.6	14.6	15.1	15.1	15.1	15.1	15.1
132.5°	10.4	11.3	11.8	12.7	12.7	13.2	13.2	13.7	13.7	13.7	13.2
135°	9.4	9.9	10.4	11.3	11.3	11.8	11.8	11.8	11.8	11.8	11.8
137.5°	8.5	8.9	9.4	9.9	9.9	10.4	10.4	10.4	10.4	10.8	10.4
140°	7.1	8.0	8.5	8.5	8.9	8.9	8.9	9.4	9.4	9.4	8.9
142.5°	6.1	6.6	7.1	7.5	8.0	8.0	8.0	8.0	8.5	8.0	8.0
145°	4.7	5.7	6.1	6.6	7.1	7.1	7.1	7.1	7.1	7.1	7.1
147.5°	3.8	4.2	5.2	5.7	5.7	6.1	6.1	6.1	6.1	6.1	6.1
150°	3.3	3.3	4.2	4.7	5.2	5.2	5.2	5.2	5.2	5.2	5.2
152.5°	2.4	2.8	3.3	3.8	4.2	4.2	4.2	4.2	4.2	4.2	4.2
155°	2.4	2.4	2.8	2.8	3.3	3.3	3.3	3.3	3.8	3.3	3.3
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1212984

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9
2.5°	908.2	907.7	909.6	907.7	898.3	902.0	900.6	905.8	906.3	907.7	912.4
5°	903.5	903.5	905.8	903.9	895.0	898.7	898.3	903.5	904.4	905.3	910.5
7.5°	894.0	894.5	897.8	896.4	887.0	892.6	892.2	898.3	900.2	902.0	906.8
10°	885.1	884.6	888.4	887.0	878.0	884.6	884.1	890.3	893.1	896.4	902.0
12.5°	880.4	879.0	880.4	879.0	869.1	874.3	874.7	881.8	885.1	889.3	895.9
15°	880.4	878.0	878.0	875.2	863.9	867.2	867.7	872.4	876.6	880.8	888.9
17.5°	879.4	877.1	876.6	874.3	862.0	862.0	861.5	864.8	867.2	871.4	879.9
20°	874.3	873.3	872.8	871.4	860.1	858.2	857.3	857.3	858.7	860.1	868.6
22.5°	860.6	861.5	862.5	863.4	854.5	851.2	851.6	850.7	849.3	849.3	856.4
25°	835.2	839.9	843.6	847.9	842.7	840.3	843.2	841.8	839.4	837.5	843.6
27.5°	794.6	804.5	812.5	822.9	823.4	821.5	829.0	828.1	827.6	824.8	829.5
30°	738.6	754.1	765.0	780.0	792.8	794.6	807.4	809.3	811.1	809.7	814.4
32.5°	670.8	692.0	710.3	733.9	746.1	757.0	774.9	782.4	789.9	792.3	797.5
35°	596.8	620.8	642.5	668.4	687.7	711.3	732.9	744.2	761.2	767.8	775.3
37.5°	526.6	549.2	570.4	596.3	627.4	651.9	678.8	704.2	727.3	736.7	748.0
40°	464.4	482.8	503.1	525.7	553.9	586.0	615.2	650.5	677.8	696.7	713.2
42.5°	417.3	426.3	443.7	464.0	486.6	519.1	548.8	588.3	621.3	648.2	675.5
45°	375.4	379.7	392.4	403.2	426.3	455.0	486.6	525.2	559.6	594.0	627.0
47.5°	339.6	344.8	350.9	357.5	374.0	398.0	425.4	460.2	494.6	534.6	572.3
50°	315.6	317.0	318.0	320.8	330.7	347.2	369.3	399.0	431.9	474.8	514.8
52.5°	294.4	294.4	291.6	290.2	293.9	304.3	317.0	338.2	372.1	411.7	454.1
55°	271.8	267.6	266.6	261.9	262.8	267.6	273.7	290.2	318.0	351.9	392.8
57.5°	240.2	238.3	238.3	236.5	232.7	235.1	236.5	248.2	268.0	297.2	333.0
60°	204.0	203.0	205.4	205.8	202.5	204.0	203.5	210.6	224.7	248.2	277.9
62.5°	167.7	171.9	172.4	174.3	172.4	171.9	174.3	180.4	187.5	205.4	228.5
65°	140.8	143.2	143.7	146.0	145.1	145.1	147.0	151.7	155.9	168.2	186.1
67.5°	123.4	122.5	122.9	124.4	122.9	122.5	123.9	126.7	130.0	137.5	150.3
70°	109.8	108.8	108.8	108.8	106.9	105.5	106.0	106.9	108.3	112.6	120.6
72.5°	99.4	99.4	98.0	96.6	95.2	94.2	93.3	92.3	91.9	93.3	97.5
75°	90.0	90.4	90.0	88.6	86.7	84.8	82.9	81.0	78.7	77.7	78.2
77.5°	81.5	82.0	82.4	82.0	80.1	77.7	74.9	72.1	68.8	65.5	63.6
80°	74.0	74.9	75.4	74.9	73.5	71.6	68.3	65.0	60.3	56.1	51.3
82.5°	67.4	68.8	69.2	69.2	68.3	66.4	62.6	58.9	53.7	48.0	41.9
85°	62.2	63.1	64.1	64.1	63.6	61.7	57.9	53.7	48.5	41.9	35.3
87.5°	57.0	57.5	58.4	59.4	58.4	56.5	53.2	48.5	43.3	36.7	29.2
90°	51.8	52.3	53.2	54.2	53.7	51.8	49.0	44.7	39.1	32.0	24.5
92.5°	46.6	47.6	48.0	48.5	49.0	47.6	45.2	41.0	35.3	28.3	21.2
95°	42.9	42.9	43.8	44.3	44.7	43.3	41.5	37.2	32.0	25.4	18.4
97.5°	39.1	39.1	40.0	40.0	40.5	39.6	37.7	33.9	28.7	22.6	15.5
100°	35.3	35.8	36.3	36.7	36.7	36.3	34.4	30.6	25.9	20.3	13.7
102.5°	33.0	33.0	33.4	33.4	33.9	33.0	31.1	27.8	23.1	17.9	11.8
105°	30.6	30.6	31.1	31.1	30.6	29.7	27.8	25.0	20.7	15.5	10.4
107.5°	28.7	28.7	28.7	28.7	28.3	27.3	25.4	22.1	18.4	14.1	9.4
110°	27.3	26.8	26.8	26.4	25.9	24.5	22.6	19.8	16.5	12.2	8.0

TEST NUMBER: P1212984

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	25.9	25.4	25.0	24.5	23.6	22.1	20.3	17.9	14.6	10.8	7.1
115°	24.5	24.0	23.6	22.6	21.7	20.3	18.4	16.0	12.7	9.4	6.1
117.5°	23.1	22.6	21.7	20.7	19.8	18.4	16.5	14.1	11.3	8.5	5.7
120°	21.2	20.7	20.3	19.3	18.4	16.5	14.6	12.7	9.9	7.5	4.7
122.5°	19.8	19.3	18.4	17.9	16.5	15.1	13.2	11.3	8.9	6.6	4.2
125°	17.9	17.4	17.0	16.0	15.1	13.2	11.8	9.9	8.0	5.7	3.3
127.5°	16.5	16.0	15.1	14.1	13.2	11.8	10.4	8.9	7.1	4.7	3.3
130°	14.6	14.1	13.7	12.7	11.8	10.4	9.4	7.5	6.1	4.2	2.8
132.5°	12.7	12.7	12.2	11.3	10.4	9.4	8.0	6.6	5.2	3.8	2.4
135°	11.8	11.3	10.8	9.9	9.4	8.0	7.1	5.7	4.2	3.3	1.9
137.5°	10.4	9.9	9.4	8.9	8.0	7.1	6.1	4.7	3.8	2.8	1.9
140°	8.9	8.5	8.5	7.5	7.1	6.1	5.2	4.2	3.3	2.4	1.4
142.5°	8.0	7.5	7.1	6.6	6.1	5.2	4.2	3.3	2.8	1.9	1.4
145°	7.1	6.6	6.1	5.7	5.2	4.2	3.8	2.8	2.4	1.9	1.4
147.5°	5.7	5.7	5.2	4.7	4.2	3.8	3.3	2.8	1.9	1.4	0.9
150°	4.7	4.7	4.2	3.8	3.8	3.3	2.8	2.4	1.9	1.4	0.9
152.5°	4.2	3.8	3.8	3.3	3.3	2.8	2.4	1.9	1.4	1.4	0.9
155°	3.3	3.3	3.3	2.8	2.8	2.4	1.9	1.9	1.4	0.9	0.9
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1212984

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9
2.5°	913.4	907.7	912.4	920.9	919.9	919.0	918.1	919.9	926.1	922.8	917.6
5°	911.9	906.3	911.5	919.5	919.0	917.6	916.6	918.5	924.7	921.4	915.7
7.5°	909.1	903.9	907.7	915.7	915.7	914.8	913.8	915.7	921.4	918.5	912.9
10°	904.4	900.6	904.4	911.9	912.4	910.5	909.6	911.9	917.6	916.2	911.5
12.5°	900.6	896.9	901.1	908.6	909.1	907.2	905.8	908.6	916.2	917.1	915.7
15°	895.5	892.2	897.3	905.3	905.3	903.9	903.9	907.7	918.1	922.3	924.7
17.5°	887.9	885.6	891.7	899.7	900.2	899.2	899.7	907.2	920.9	931.3	937.8
20°	878.5	877.6	884.1	892.6	894.0	894.5	896.9	908.2	927.0	941.1	947.7
22.5°	867.2	867.7	875.2	884.1	886.0	887.4	892.2	908.2	931.7	946.8	949.6
25°	854.5	855.9	863.9	874.7	877.1	879.9	887.9	908.6	933.1	943.0	938.3
27.5°	840.8	843.6	854.0	865.3	868.1	872.8	883.2	905.8	926.5	927.0	909.6
30°	826.7	830.0	842.2	855.4	860.1	864.8	877.6	899.2	910.5	895.5	864.8
32.5°	810.7	815.4	827.6	843.6	849.3	855.4	868.1	886.5	882.3	849.8	806.0
35°	790.4	797.0	811.1	830.0	835.2	843.2	852.1	856.4	837.5	791.4	741.9
37.5°	765.4	775.3	791.8	813.5	819.1	824.3	826.7	814.9	777.2	727.3	675.9
40°	736.7	751.8	769.7	793.7	799.4	799.4	790.9	765.9	718.3	652.9	595.9
42.5°	701.9	720.2	742.8	766.9	772.5	765.9	745.7	701.9	647.7	574.7	514.4
45°	659.5	684.0	709.4	734.4	737.2	722.6	686.3	630.7	563.8	496.0	438.5
47.5°	609.1	641.1	668.9	697.1	693.4	668.9	620.4	557.2	486.6	422.5	376.4
50°	552.5	590.2	621.3	648.2	640.1	606.2	549.2	483.3	413.1	358.5	320.3
52.5°	492.2	535.6	566.7	588.3	577.5	537.0	474.3	411.2	353.8	303.8	278.4
55°	429.6	473.4	505.4	522.4	508.3	464.4	402.7	345.3	291.1	258.6	243.5
57.5°	368.8	409.8	440.0	453.6	435.7	391.9	334.9	286.4	247.3	220.0	212.4
60°	310.4	343.9	372.6	383.0	363.6	323.1	274.1	235.5	206.8	187.9	184.2
62.5°	256.2	283.6	306.2	314.2	295.3	263.8	221.4	192.7	172.4	163.0	158.3
65°	211.5	227.5	250.6	249.2	237.9	208.7	177.6	157.3	144.1	138.0	135.2
67.5°	166.3	180.9	195.5	197.4	183.2	163.0	142.7	128.1	121.1	117.8	116.3
70°	128.6	139.4	148.4	146.0	138.5	125.8	113.1	105.0	102.2	100.8	100.8
72.5°	99.9	105.5	109.8	106.9	102.2	95.6	89.5	86.2	86.7	87.6	88.6
75°	77.3	78.7	79.6	76.8	75.8	71.6	71.1	71.6	74.4	77.3	78.7
77.5°	59.4	57.5	56.1	53.2	53.7	53.2	55.6	59.4	63.6	67.8	71.6
80°	45.7	41.5	38.2	35.3	36.7	39.1	43.8	49.5	55.1	59.8	64.5
82.5°	35.3	29.2	24.5	21.7	24.5	28.3	34.4	41.5	48.0	53.2	58.4
85°	27.3	20.3	14.6	11.8	14.6	20.3	26.8	34.9	41.9	47.6	52.8
87.5°	21.2	14.6	8.0	4.7	8.0	14.1	21.7	29.2	36.3	42.9	48.0
90°	17.0	9.9	3.8	0.9	4.2	9.9	17.0	24.5	31.6	38.6	43.8
92.5°	13.7	7.1	1.9	0.0	2.4	7.5	14.1	21.2	28.3	34.9	40.0
95°	11.3	5.7	1.4	0.0	1.9	5.7	11.3	18.4	25.0	31.6	35.8
97.5°	9.4	4.2	0.9	0.0	0.9	4.7	9.4	15.5	22.1	28.3	32.5
100°	8.0	3.8	0.9	0.0	0.9	3.8	8.0	13.7	19.3	25.0	29.2
102.5°	6.6	2.8	0.5	0.5	0.5	2.8	7.1	11.8	17.0	22.1	26.4
105°	6.1	2.4	0.5	0.5	0.5	2.4	6.1	10.4	15.1	19.8	23.6
107.5°	5.2	1.9	0.5	0.5	0.5	1.9	5.2	8.9	13.7	17.9	21.2
110°	4.2	1.9	0.5	0.5	0.5	1.9	4.2	8.0	11.8	15.5	18.8

TEST NUMBER: P1212984

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	3.8	1.4	0.5	0.5	0.5	1.4	3.8	7.1	10.4	14.1	17.0
115°	3.3	1.4	0.5	0.5	0.5	1.4	3.3	6.1	8.9	12.2	15.1
117.5°	2.8	1.4	0.5	0.5	0.5	0.9	2.8	5.2	8.0	10.8	13.7
120°	2.4	0.9	0.5	0.5	0.5	0.9	2.4	4.7	7.1	9.4	11.8
122.5°	2.4	0.9	0.5	0.5	0.5	0.9	1.9	3.8	6.1	8.0	10.4
125°	1.9	0.9	0.5	0.5	0.5	0.5	1.9	3.3	5.2	7.1	8.9
127.5°	1.9	0.9	0.5	0.5	0.5	0.5	1.4	2.8	4.2	6.1	8.0
130°	1.4	0.9	0.5	0.5	0.5	0.5	0.9	2.4	3.8	5.2	6.6
132.5°	1.4	0.9	0.5	0.5	0.5	0.5	0.9	1.9	2.8	4.2	5.7
135°	1.4	0.5	0.5	0.5	0.5	0.5	0.5	1.4	2.4	3.3	4.2
137.5°	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.9	1.9	2.4	3.8
140°	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.9	1.4	1.9	2.8
142.5°	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	1.4	2.4
145°	0.9	0.5	0.5	0.9	0.9	0.5	0.5	0.9	0.9	1.4	1.9
147.5°	0.9	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.9	0.9	1.4
150°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.4
152.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
155°	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1212984

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9
2.5°	916.6	905.8	911.5	909.6	911.5	916.2	915.7	914.3	915.2	912.9	910.5
5°	914.8	903.9	909.6	907.2	909.6	914.3	913.4	911.9	913.4	910.5	908.2
7.5°	912.4	902.5	909.1	908.6	912.9	919.0	919.5	919.5	922.8	918.5	916.6
10°	912.4	907.2	916.2	919.5	930.3	938.3	939.3	941.1	946.8	945.9	941.1
12.5°	922.3	921.4	934.5	942.6	952.4	963.8	969.9	971.8	975.5	972.7	970.8
15°	935.0	939.7	954.3	963.3	974.1	982.6	984.0	984.9	987.8	983.5	980.2
17.5°	952.0	954.8	966.6	970.3	977.4	978.8	976.9	972.2	972.2	962.8	960.0
20°	960.0	958.6	963.3	957.2	954.3	945.9	937.8	928.9	928.4	918.5	917.6
22.5°	952.9	943.5	933.6	918.5	911.9	899.7	888.9	883.7	880.4	867.7	864.4
25°	928.0	904.9	890.3	872.4	856.4	842.2	831.9	821.0	810.7	800.3	795.6
27.5°	884.6	862.9	839.4	814.4	792.3	770.6	753.2	742.4	732.5	718.8	711.7
30°	831.4	801.2	775.3	751.3	715.0	688.7	674.1	652.4	644.9	638.7	625.5
32.5°	768.7	732.5	697.1	664.6	627.4	602.9	583.6	567.6	562.9	546.9	543.1
35°	699.5	651.9	611.9	579.9	553.0	523.3	507.3	496.5	487.1	476.2	474.3
37.5°	618.0	575.1	529.9	501.7	480.5	455.0	442.8	435.2	431.0	423.0	421.6
40°	536.0	493.2	462.1	433.8	420.6	407.0	398.0	394.7	392.8	390.0	387.2
42.5°	461.6	423.9	401.8	383.0	377.3	370.7	368.4	370.2	368.4	367.4	366.9
45°	398.5	369.8	354.2	348.6	347.2	345.3	347.2	350.5	350.9	350.0	350.0
47.5°	341.0	327.4	320.8	321.7	324.1	325.5	328.8	333.0	334.0	331.6	332.6
50°	303.4	295.3	293.9	297.7	302.9	304.8	308.5	311.8	311.4	310.4	309.5
52.5°	268.0	265.7	269.4	273.2	278.9	279.8	281.2	282.6	282.2	280.3	279.3
55°	238.3	240.2	243.5	244.9	249.2	248.7	249.2	249.2	247.3	246.4	244.9
57.5°	211.5	212.0	213.9	214.3	216.7	215.7	215.3	214.3	211.5	211.0	209.6
60°	184.2	183.2	187.5	184.2	186.1	184.2	183.7	181.4	178.5	178.1	177.1
62.5°	158.3	156.4	159.2	157.8	158.7	156.9	155.9	153.1	150.7	150.3	149.8
65°	135.2	134.2	137.1	136.6	137.5	135.2	134.2	132.4	130.5	130.0	129.5
67.5°	115.9	118.2	119.6	119.6	120.6	120.1	117.8	117.3	116.8	114.9	114.9
70°	101.7	103.2	106.0	106.5	106.0	106.9	105.0	104.6	104.1	103.2	102.7
72.5°	90.4	92.3	95.2	95.6	95.2	95.2	94.2	93.7	93.7	92.3	92.3
75°	81.5	83.8	86.2	86.2	86.2	85.3	84.3	84.3	83.4	82.9	82.0
77.5°	74.0	76.8	78.7	78.2	77.7	76.8	76.8	75.4	74.0	74.0	73.0
80°	68.3	70.2	71.6	71.1	70.7	69.2	68.8	67.4	66.4	65.0	65.0
82.5°	62.2	64.5	65.5	65.0	64.1	62.6	62.2	61.2	60.3	59.8	58.9
85°	57.0	59.4	59.8	58.9	57.9	57.0	56.5	56.1	55.6	54.6	54.6
87.5°	51.8	54.2	54.2	53.7	52.8	52.3	51.8	51.3	50.9	50.4	49.9
90°	47.6	49.5	49.5	49.0	48.5	48.0	47.6	47.1	46.6	46.2	46.2
92.5°	43.3	45.2	45.2	44.7	44.3	43.8	43.8	43.3	42.9	42.4	41.9
95°	39.6	41.5	41.5	41.5	41.0	40.5	40.5	40.0	39.6	39.6	39.1
97.5°	35.8	37.7	37.7	37.7	37.2	36.7	36.7	36.3	36.3	36.3	35.8
100°	32.5	33.9	34.4	34.4	33.9	33.9	33.9	33.4	33.4	33.4	33.0
102.5°	29.2	30.6	31.6	31.6	31.6	31.1	31.1	31.1	31.1	31.1	30.6
105°	26.4	27.8	28.7	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
107.5°	24.0	25.4	26.4	26.8	27.3	27.3	27.8	27.8	27.8	27.8	27.8
110°	21.7	23.1	24.5	25.0	25.4	25.9	25.9	26.4	25.9	25.9	25.9

TEST NUMBER: P1212984

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	19.3	21.2	22.1	23.1	23.6	24.0	24.5	24.5	24.5	24.5	24.5
115°	17.4	19.3	20.3	21.2	22.1	22.6	22.6	23.1	23.1	23.1	22.6
117.5°	15.5	17.4	18.4	19.3	19.8	20.7	21.2	21.2	21.2	21.2	20.7
120°	14.1	15.5	16.5	17.4	18.4	18.8	19.3	19.3	19.3	19.3	19.3
122.5°	12.2	13.7	15.1	16.0	16.5	17.0	17.4	17.4	17.4	17.4	17.4
125°	10.8	12.2	13.2	14.1	14.6	15.5	15.5	15.5	15.5	15.5	15.5
127.5°	9.4	10.8	11.8	12.7	13.2	13.7	14.1	14.1	14.1	14.1	14.1
130°	8.0	9.4	10.4	11.3	11.8	12.2	12.2	12.7	12.7	12.7	12.7
132.5°	7.1	8.0	8.9	9.9	10.4	10.8	10.8	11.3	11.3	11.3	11.3
135°	5.7	7.1	7.5	8.5	8.9	9.4	9.4	9.9	9.9	9.9	9.9
137.5°	4.7	5.7	6.6	7.5	8.0	8.0	8.5	8.5	8.9	8.9	8.9
140°	3.8	4.2	5.7	6.1	6.6	7.1	7.5	7.5	7.5	7.5	7.5
142.5°	2.8	3.8	4.2	5.2	5.7	6.1	6.6	6.6	6.6	6.6	6.6
145°	2.4	2.8	3.3	4.2	4.7	5.2	5.7	5.7	5.7	5.7	5.7
147.5°	1.9	2.4	2.8	3.3	3.8	4.2	4.7	4.7	4.7	4.7	4.7
150°	1.4	1.9	2.4	2.4	2.8	3.3	3.8	4.2	4.2	4.2	4.2
152.5°	1.4	1.4	1.9	1.9	2.4	2.8	3.3	3.3	3.3	3.3	3.3
155°	0.9	1.4	1.4	1.4	1.9	1.9	2.4	2.8	2.8	2.8	2.8
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1212984

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9	911.9
2.5°	911.9	913.8	912.9	911.5	911.0	913.4	911.0	900.2	904.4	904.9	908.2
5°	910.5	911.9	911.0	910.1	908.6	911.5	908.6	897.3	901.6	902.0	905.3
7.5°	919.9	920.4	920.4	918.1	914.3	915.7	911.9	899.2	901.6	901.6	903.9
10°	943.5	944.4	945.9	939.7	935.0	931.3	926.1	910.5	910.1	906.3	906.3
12.5°	974.1	971.8	969.4	966.6	962.8	958.1	950.6	932.2	926.1	919.9	913.8
15°	983.1	982.1	981.7	980.2	977.9	976.5	970.8	952.4	943.5	936.0	925.1
17.5°	959.5	961.4	967.5	968.0	970.8	976.5	975.5	962.8	954.8	951.5	938.3
20°	917.1	917.6	925.1	928.4	940.7	950.1	957.2	955.7	953.9	957.6	947.7
22.5°	866.2	869.5	877.6	882.7	894.5	905.3	916.6	922.8	932.7	948.2	946.3
25°	797.0	801.2	812.5	821.0	837.5	854.0	869.1	879.9	891.7	921.4	931.3
27.5°	714.1	720.7	735.3	743.8	766.9	783.8	805.5	826.7	843.2	877.1	897.3
30°	627.0	632.6	648.2	659.9	679.7	702.8	730.1	760.3	787.6	822.0	847.4
32.5°	545.5	551.6	564.3	574.7	596.8	616.1	646.3	683.5	708.9	756.5	790.4
35°	474.3	480.0	488.9	497.9	516.3	536.0	562.0	598.2	630.7	680.2	723.0
37.5°	424.4	425.4	430.5	435.7	449.4	464.4	484.7	516.7	546.9	600.1	647.2
40°	388.6	388.6	391.4	392.8	399.0	407.9	420.6	445.6	470.6	511.1	568.5
42.5°	366.5	365.5	365.5	366.0	365.5	369.8	377.3	389.1	411.2	444.7	489.4
45°	350.0	348.1	346.7	343.4	341.5	341.5	342.0	346.2	358.9	380.6	416.9
47.5°	331.6	331.1	328.8	325.0	321.7	319.4	315.6	314.2	318.0	330.2	354.7
50°	310.4	308.1	305.7	302.9	299.1	296.8	289.7	290.2	286.9	292.5	305.2
52.5°	279.3	277.4	276.5	274.1	272.7	271.8	266.1	260.5	259.1	260.0	264.7
55°	244.9	245.9	242.1	244.0	243.5	239.3	236.9	232.7	231.3	230.8	233.2
57.5°	209.1	210.1	207.7	209.6	209.6	207.3	205.8	205.8	202.5	199.7	203.0
60°	176.6	174.8	176.2	178.5	178.5	177.1	176.2	176.2	173.8	172.9	175.2
62.5°	150.3	148.4	149.8	152.1	152.6	151.7	150.7	150.7	147.9	147.9	149.8
65°	130.0	130.5	130.0	131.9	131.9	132.4	131.4	130.5	127.2	128.6	128.1
67.5°	115.4	114.9	114.9	116.8	116.3	117.3	116.3	114.9	112.6	110.7	110.2
70°	103.2	102.7	102.7	103.6	104.1	104.1	103.6	102.7	99.4	97.5	96.1
72.5°	92.3	91.9	92.3	92.8	93.3	93.7	93.3	92.3	89.5	87.1	84.8
75°	82.4	82.0	83.4	83.4	83.8	83.8	84.3	83.8	81.5	78.7	75.8
77.5°	72.5	73.0	74.4	74.9	75.8	76.3	76.8	76.8	74.4	72.1	68.3
80°	64.5	65.5	66.4	66.9	67.8	69.2	69.7	70.2	68.3	65.9	61.7
82.5°	58.9	59.4	60.3	60.8	62.2	62.6	63.1	64.1	63.1	60.8	56.1
85°	54.2	54.6	55.6	55.6	56.5	57.5	57.9	58.4	57.9	55.6	50.9
87.5°	49.9	50.4	50.9	51.3	51.8	52.3	52.8	53.2	52.8	50.4	46.2
90°	46.2	46.2	46.6	46.6	47.1	47.6	48.5	48.5	48.0	46.2	41.9
92.5°	41.9	42.4	42.4	42.9	43.3	43.8	44.3	44.3	43.8	41.9	38.2
95°	39.1	39.1	39.6	39.6	40.0	40.0	40.5	40.5	40.0	38.2	34.4
97.5°	35.8	35.8	35.8	35.8	36.3	36.3	36.7	36.7	36.3	34.4	31.1
100°	33.0	33.0	33.0	33.0	33.0	33.4	33.4	33.4	33.0	31.1	27.8
102.5°	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	29.7	28.3	25.0
105°	29.2	29.2	29.2	28.7	28.7	28.7	28.3	28.3	26.8	25.4	22.6
107.5°	27.3	27.3	27.3	26.8	26.8	26.4	25.9	25.9	24.5	23.1	20.3
110°	25.9	25.9	25.9	25.4	25.0	24.5	24.0	23.6	22.1	20.3	17.9



TEST NUMBER: P1212984

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	24.5	24.5	24.0	24.0	23.6	23.1	22.1	21.7	20.3	18.4	16.0
115°	22.6	22.6	22.6	22.1	21.7	21.2	20.7	19.8	18.4	16.5	14.1
117.5°	20.7	20.7	20.7	20.3	19.8	19.3	18.8	17.9	16.5	14.6	12.7
120°	18.8	18.8	18.8	18.4	17.9	17.4	17.0	16.0	14.6	13.2	10.8
122.5°	17.4	17.4	17.0	16.5	16.0	15.5	15.1	14.1	13.2	11.3	9.4
125°	15.5	15.5	15.1	15.1	14.6	14.1	13.7	12.7	11.3	9.9	8.5
127.5°	14.1	13.7	13.7	13.7	13.2	12.7	11.8	11.3	9.9	8.5	7.1
130°	12.2	12.2	12.2	11.8	11.8	11.3	10.4	9.4	8.5	7.5	6.1
132.5°	10.8	10.8	10.8	10.8	10.4	9.9	8.9	8.5	7.5	6.1	5.2
135°	9.9	9.9	9.4	9.4	8.9	8.5	8.0	7.1	6.1	5.2	4.2
137.5°	8.5	8.5	8.5	8.0	8.0	7.5	6.6	6.1	5.7	4.7	3.8
140°	7.5	7.5	7.1	7.1	6.6	6.6	6.1	5.2	4.7	3.8	3.3
142.5°	6.6	6.6	6.1	6.1	5.7	5.7	5.2	4.7	3.8	3.3	2.4
145°	5.7	5.7	5.2	5.2	5.2	4.7	4.2	3.8	3.3	2.8	2.4
147.5°	4.7	4.7	4.7	4.2	4.2	3.8	3.8	3.3	2.8	2.4	1.9
150°	4.2	4.2	3.8	3.8	3.8	3.3	2.8	2.8	2.4	1.9	1.4
152.5°	3.3	3.3	3.3	3.3	2.8	2.8	2.4	2.4	1.9	1.4	1.4
155°	2.8	2.8	2.8	2.4	2.4	2.4	1.9	1.9	1.4	1.4	0.9
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TEST NUMBER: P1212984

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L930-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	911.9	911.9	911.9	911.9	911.9	911.9	911.9
2.5°	906.8	906.3	910.5	910.1	904.4	912.9	918.5
5°	904.4	903.9	907.7	908.6	902.5	911.5	917.6
7.5°	902.5	902.0	906.3	907.7	901.6	909.6	916.2
10°	903.0	900.6	904.4	905.3	899.7	908.2	913.8
12.5°	906.3	900.6	902.0	902.0	896.9	904.4	910.5
15°	914.3	902.5	900.6	899.2	892.6	899.7	905.8
17.5°	923.2	907.2	900.6	895.9	887.9	894.0	900.6
20°	932.2	912.4	901.6	894.0	883.2	888.9	893.6
22.5°	936.4	917.1	902.5	891.2	877.6	880.4	885.6
25°	930.8	915.2	900.6	887.0	870.5	871.0	875.2
27.5°	910.1	905.8	896.4	882.7	864.8	862.5	865.8
30°	874.7	886.5	887.0	877.1	858.2	853.5	854.9
32.5°	825.3	851.6	867.2	865.3	848.8	842.2	843.2
35°	768.3	801.2	835.2	846.5	834.7	829.5	827.6
37.5°	700.0	744.2	789.5	817.3	815.4	812.1	810.2
40°	624.6	677.8	731.5	775.8	789.5	789.5	790.4
42.5°	544.1	606.2	665.1	721.2	753.2	760.3	763.1
45°	466.3	529.0	593.0	657.6	700.4	722.6	730.6
47.5°	395.7	458.8	519.6	590.2	647.2	675.9	688.7
50°	335.4	382.5	446.5	516.7	578.9	614.2	639.2
52.5°	285.5	322.2	378.2	443.7	506.4	554.9	578.0
55°	243.5	268.5	316.1	372.6	432.4	482.8	509.7
57.5°	208.2	228.0	260.5	307.6	358.0	407.9	436.7
60°	177.1	190.8	212.9	250.1	293.0	335.9	363.6
62.5°	150.3	159.2	173.8	201.1	234.6	268.0	293.9
65°	129.5	133.3	141.3	158.3	183.7	209.1	231.3
67.5°	109.3	111.6	117.8	128.1	140.8	159.2	173.8
70°	94.2	94.2	94.7	100.8	107.4	119.2	129.5
72.5°	82.0	80.5	77.7	79.1	80.5	87.1	93.7
75°	72.1	68.8	64.1	62.2	61.2	62.2	65.9
77.5°	63.6	58.9	53.2	48.5	44.7	43.3	46.6
80°	56.5	50.9	44.3	38.2	32.0	28.7	30.1
82.5°	50.9	43.8	36.7	29.7	22.6	17.9	17.9
85°	44.7	38.2	30.6	23.1	16.0	9.9	8.9
87.5°	40.5	33.4	25.4	18.4	11.3	5.2	2.8
90°	36.3	29.2	21.7	14.6	8.0	2.4	0.0
92.5°	32.5	25.9	18.8	11.8	5.7	1.4	0.0
95°	29.2	23.1	16.0	9.9	4.7	0.9	0.5
97.5°	25.9	20.3	14.1	8.0	3.3	0.9	0.5
100°	23.6	17.9	12.2	6.6	2.8	0.5	0.5
102.5°	20.7	16.0	10.4	5.7	2.4	0.5	0.5
105°	18.4	14.1	8.9	4.7	1.9	0.5	0.5
107.5°	16.5	12.2	8.0	4.2	1.9	0.5	0.5
110°	14.6	10.8	7.1	3.8	1.4	0.5	0.5

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CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	13.2	9.4	6.1	3.3	0.9	0.5	0.5
115°	11.3	8.5	5.2	2.8	0.9	0.5	0.5
117.5°	9.9	7.1	4.7	2.4	0.9	0.5	0.5
120°	8.5	6.1	3.8	1.9	0.5	0.5	0.5
122.5°	7.5	5.2	3.3	1.9	0.5	0.5	0.5
125°	6.6	4.7	2.8	1.4	0.5	0.5	0.5
127.5°	5.7	3.8	2.4	0.9	0.5	0.5	0.5
130°	4.7	3.3	1.9	0.9	0.5	0.5	0.5
132.5°	3.8	2.8	1.9	0.9	0.5	0.5	0.5
135°	3.3	2.4	1.4	0.9	0.5	0.5	0.5
137.5°	2.8	1.9	0.9	0.9	0.9	0.5	0.5
140°	2.4	1.4	0.9	0.9	0.9	0.9	0.5
142.5°	1.9	1.4	0.9	0.9	0.9	0.9	0.5
145°	1.4	0.9	0.9	0.9	0.9	0.9	0.5
147.5°	1.4	0.9	0.9	0.9	0.9	0.9	0.5
150°	0.9	0.9	0.9	0.9	0.9	0.9	0.9
152.5°	0.9	0.9	0.9	0.9	0.9	0.9	0.9
155°	0.9	0.9	0.9	0.9	0.9	0.9	0.9
157.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
167.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.5°	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180°	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)