

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: P1213686

Luminaire Tested: 2SNLED-LD5-26SL-LC-UNV-L940-CD1-U

Issue Date: 3/29/2018

Test Information

Test Method: LM-79-2019
Report Number: P1213686
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-L940-CD1-U
Description: 2FT LINEAR SNLED LED FIXTURE
CLEAR LENSED
Light Source: -
Ballast/Driver: -

Summary

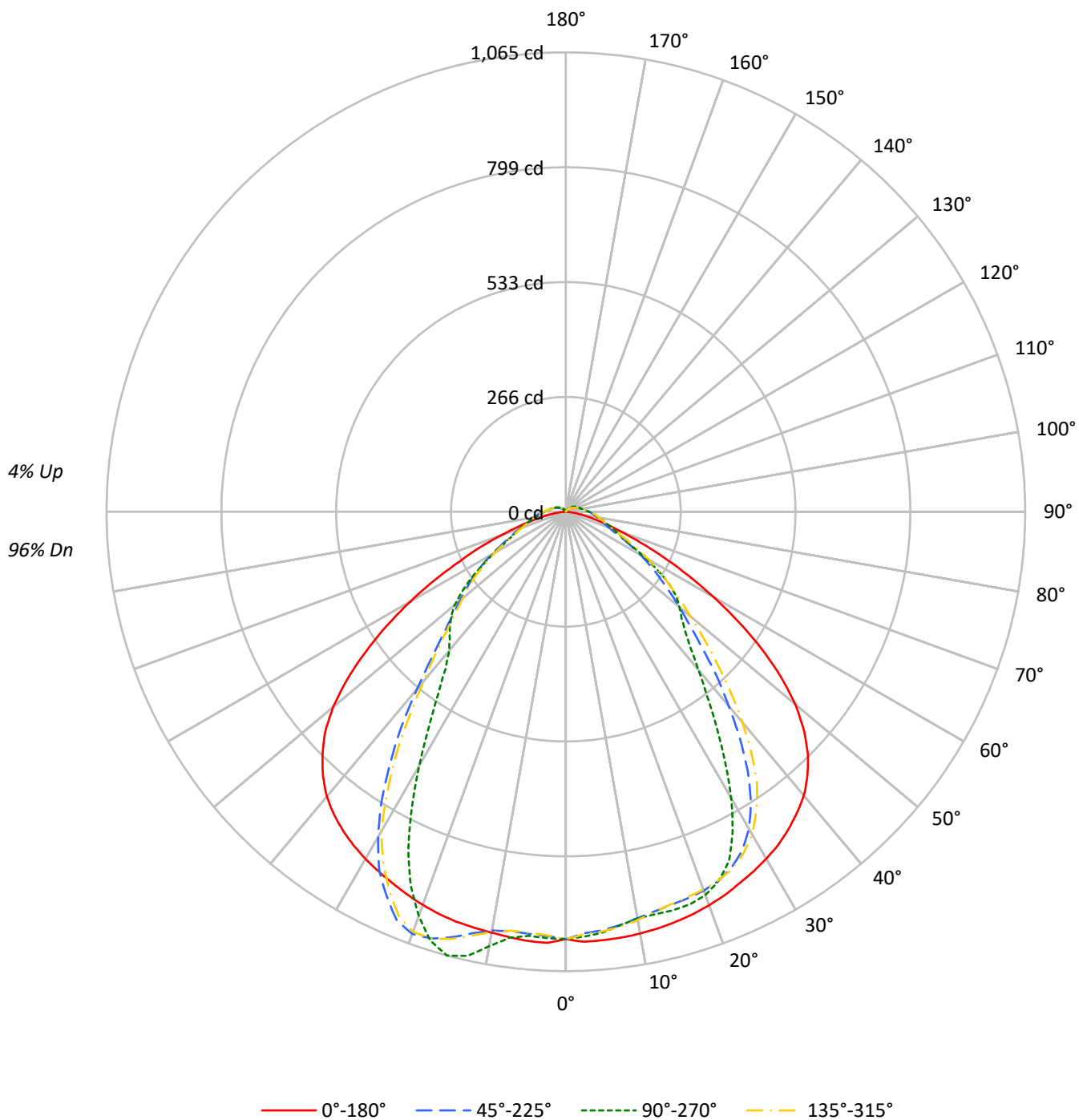
Lumens per Lamp: N/A
Luminaire Lumens: 2362.0 lumens
Efficiency: N/A
Efficacy: 112.5 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.12 / 1.19
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 2' x H: 0.12')
CIE Type: Direct

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
RW	70	50	30	10	70	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
1	109	104	100	97	106	102	98	95	97	94	91	92	90	88	88	86	84
2	100	93	86	81	97	90	85	80	86	82	77	82	79	75	79	76	73
3	92	83	75	69	89	81	74	68	77	71	67	74	69	65	71	67	63
4	85	74	66	60	83	73	65	59	70	63	58	67	61	57	64	60	56
5	79	67	59	52	76	66	58	52	63	56	51	61	55	50	59	53	49
6	73	61	52	46	71	60	52	46	57	51	45	55	49	45	54	48	44
7	68	55	47	42	66	54	47	41	53	46	41	51	45	40	49	44	40
8	64	51	43	37	62	50	42	37	48	42	37	47	41	36	45	40	36
9	60	47	39	34	58	46	39	34	45	38	33	43	37	33	42	37	33
10	56	43	36	31	54	43	36	31	42	35	30	40	34	30	39	34	30

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16013	16013	16013	16013
5°	16086	15378	16119	15499
10°	16116	14738	16083	15739
15°	16195	14542	16187	16191
20°	16326	14312	16309	15085
25°	16477	13577	16468	13118
30°	16732	11767	16741	10424
35°	16998	9515	17045	8052
40°	17216	7661	17286	6750
45°	17076	6489	17164	6318
50°	16252	5974	16479	5841
55°	14323	5369	14683	4881
60°	11524	4110	12136	3769
65°	8475	3144	9129	2981
70°	5674	2715	6400	2596
75°	3625	2450	4223	2315
80°	2254	2285	2639	2100
85°	1049	2278	1385	2082

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 180°

Vertical Angle: 45°

Luminance: 17164 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	94.1	4.0
10°-20°	280.0	11.9
20°-30°	425.7	18.0
30°-40°	456.7	19.3
40°-50°	396.4	16.8
50°-60°	293.7	12.4
60°-70°	168.3	7.1
70°-80°	93.2	3.9
80°-90°	56.8	2.4
90°-100°	36.9	1.6
100°-110°	24.7	1.0
110°-120°	16.7	0.7
120°-130°	10.2	0.4
130°-140°	5.4	0.2
140°-150°	2.5	0.1
150°-160°	0.7	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	799.9	33.9
0°-40°	1256.5	53.2
0°-60°	1946.6	82.4
0°-90°	2264.9	95.9
90°-120°	78.3	3.3
90°-150°	96.4	4.1
90°-180°	97.0	4.1
0°-180°	2362.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	991	991	991	991	991	
5°	997	979	999	987	997	95
15°	984	956	984	1065	984	278
25°	951	895	950	864	951	440
35°	899	609	902	515	899	563
45°	794	390	798	380	794	608
55°	554	293	568	266	554	491
65°	251	148	271	141	251	253
75°	72	94	83	89	72	82
85°	10	65	13	59	10	13
90°	0	54	1	50	0	0
95°	0	44	0	42	0	0
105°	0	33	0	32	0	1
115°	0	27	0	25	0	0
125°	0	20	0	17	0	0
135°	0	13	0	11	0	0
145°	0	8	1	6	0	0
155°	1	4	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°	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8
2.5°	998.0	995.4	994.4	992.3	993.9	1000.0	995.9	989.3	989.8	978.0	984.1
5°	996.9	993.9	992.3	990.3	991.3	996.9	992.8	986.2	985.7	973.9	979.5
7.5°	995.4	992.3	989.8	988.2	988.8	993.4	988.2	980.6	979.0	966.2	971.4
10°	992.8	990.8	987.2	984.7	984.1	989.3	981.1	973.4	969.8	956.5	961.6
12.5°	989.3	986.2	982.6	978.0	977.5	980.6	973.9	963.2	959.6	948.8	954.5
15°	984.1	980.6	976.5	971.4	968.8	970.8	962.7	952.9	952.4	943.2	950.9
17.5°	978.5	973.4	968.8	961.6	958.0	959.6	952.9	944.2	945.3	939.6	948.3
20°	970.8	965.2	958.0	950.9	945.8	948.3	943.7	937.1	938.6	934.5	942.2
22.5°	962.1	954.5	945.8	937.6	933.5	937.1	933.5	927.9	928.4	925.8	930.4
25°	950.9	942.2	931.9	921.7	919.7	922.2	920.2	915.6	913.5	909.4	911.5
27.5°	940.6	930.9	918.1	907.4	903.8	908.9	904.3	896.6	891.0	885.4	881.3
30°	928.9	917.1	902.8	890.5	887.4	889.5	882.8	871.0	856.2	849.0	837.8
32.5°	916.1	900.7	882.8	869.0	866.9	865.4	853.1	836.2	813.2	798.9	781.5
35°	899.2	882.3	860.8	843.9	840.8	832.1	812.2	789.7	760.0	735.4	705.7
37.5°	880.3	860.3	837.8	815.3	806.6	789.2	761.0	737.5	692.4	662.8	626.9
40°	858.8	834.7	807.1	779.9	765.6	737.5	705.2	670.4	626.9	587.0	556.8
42.5°	829.1	803.5	770.7	740.5	716.0	678.6	640.7	591.6	551.7	517.9	487.2
45°	793.8	763.1	725.2	688.9	657.6	613.1	568.6	519.5	486.2	446.8	425.8
47.5°	748.2	715.0	674.5	634.1	593.1	544.0	497.4	450.4	417.1	389.0	373.6
50°	694.5	663.8	619.2	571.1	526.1	474.9	428.4	393.0	360.8	343.4	331.6
52.5°	627.9	599.3	553.7	501.5	458.0	407.9	365.4	336.7	313.7	300.9	296.8
55°	553.7	528.7	483.6	435.0	390.5	344.4	312.2	287.1	272.3	264.6	265.1
57.5°	474.4	455.0	412.5	369.0	327.0	292.2	263.1	243.1	231.8	231.3	232.9
60°	395.1	380.8	343.9	306.6	269.7	241.6	220.1	206.2	199.1	199.6	199.1
62.5°	319.3	306.0	279.4	248.7	219.6	200.6	181.2	175.5	169.4	168.9	168.9
65°	251.3	241.0	219.6	197.5	175.5	163.3	153.5	146.9	142.3	141.3	141.8
67.5°	188.8	184.8	169.9	155.1	141.3	133.6	125.4	123.8	120.3	120.3	121.3
70°	140.7	137.7	129.5	120.8	115.1	110.0	105.9	105.9	105.4	104.9	107.5
72.5°	101.8	102.4	99.8	93.1	92.6	91.6	90.6	92.1	92.6	94.2	97.2
75°	71.6	73.2	73.2	72.2	74.2	76.8	78.3	80.9	83.9	86.0	89.6
77.5°	50.7	50.7	53.2	56.3	60.4	65.0	69.1	72.7	76.8	79.3	82.4
80°	32.8	34.3	38.4	44.0	49.6	55.8	61.4	66.0	70.1	74.2	76.3
82.5°	19.4	22.0	27.1	34.3	41.5	49.1	54.8	60.4	65.0	69.1	70.6
85°	9.7	13.3	19.4	27.1	34.8	43.0	50.2	55.3	60.4	64.0	66.0
87.5°	3.1	7.2	13.8	21.0	29.2	37.4	45.0	50.7	55.3	58.3	60.4
90°	0.0	3.6	9.7	17.4	25.1	33.3	40.4	46.6	51.2	53.7	55.3
92.5°	0.0	2.0	7.7	14.3	21.5	29.7	36.8	42.5	46.6	49.1	50.2
95°	0.5	1.5	5.6	11.8	18.9	26.6	33.3	38.4	42.5	45.0	45.5
97.5°	0.5	1.0	4.6	9.7	16.4	23.5	30.2	35.3	38.4	40.9	41.5
100°	0.5	1.0	3.6	8.7	14.3	21.0	27.1	31.7	35.3	37.4	37.9
102.5°	0.5	0.5	3.1	7.2	12.8	18.4	24.1	28.7	31.7	33.8	34.8
105°	0.5	0.5	2.6	6.1	11.3	16.4	21.5	26.1	28.7	30.7	31.7
107.5°	0.5	0.5	2.0	5.1	9.7	14.3	19.4	23.0	26.1	28.1	29.2
110°	0.5	0.5	1.5	4.6	8.2	12.8	16.9	20.5	23.5	25.6	26.6

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.5	0.5	1.5	4.1	7.2	11.3	14.8	18.4	21.0	23.0	24.6
115°	0.5	0.5	1.5	3.6	6.7	9.7	13.3	16.4	18.9	21.0	22.5
117.5°	0.5	0.5	1.5	3.1	5.6	8.7	11.8	14.8	16.9	18.9	20.5
120°	0.5	0.5	1.0	2.6	5.1	7.7	10.2	12.8	15.4	17.4	18.9
122.5°	0.5	0.5	1.0	2.6	4.1	6.7	9.2	11.3	13.8	15.4	16.9
125°	0.5	0.5	1.0	2.0	3.6	6.1	8.2	10.2	11.8	13.8	15.4
127.5°	0.5	0.5	1.0	2.0	3.1	5.1	7.2	9.2	10.7	12.3	13.3
130°	0.5	0.5	1.0	1.5	2.6	4.1	6.1	7.7	9.7	10.7	11.8
132.5°	0.5	0.5	0.5	1.5	2.0	3.1	4.6	6.7	8.2	9.7	10.2
135°	0.5	0.5	0.5	1.0	2.0	2.6	3.6	5.1	6.7	8.2	9.2
137.5°	0.5	0.5	0.5	1.0	1.5	2.6	3.1	4.1	5.6	6.7	8.2
140°	0.5	0.5	0.5	1.0	1.5	2.0	2.6	3.6	4.6	5.6	6.7
142.5°	0.5	0.5	0.5	1.0	1.0	1.5	2.0	3.1	3.6	4.6	5.6
145°	0.5	0.5	0.5	1.0	1.0	1.5	2.0	2.6	3.1	3.6	4.6
147.5°	0.5	0.5	0.5	1.0	1.0	1.0	1.5	2.0	2.6	3.1	3.6
150°	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5	2.0	2.6	3.1
152.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5	1.5	2.0	2.6
155°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.5	2.0	2.0
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°	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8
2.5°	982.1	983.1	989.3	988.8	987.7	986.7	986.7	985.7	986.7	989.3	988.2
5°	977.0	978.5	983.1	982.6	981.6	981.1	980.6	979.0	980.1	983.6	982.6
7.5°	967.8	969.3	973.4	971.4	969.8	970.8	968.3	966.7	968.8	972.4	971.9
10°	958.0	959.1	964.2	963.2	960.6	961.1	958.6	957.5	960.1	962.1	962.7
12.5°	951.4	955.0	959.6	959.1	958.6	959.1	956.5	955.5	957.0	959.1	958.6
15°	949.9	954.5	959.6	959.6	960.1	960.6	958.0	956.5	958.0	959.6	959.1
17.5°	948.3	954.0	958.6	958.0	958.6	959.6	955.5	954.5	956.5	958.6	957.5
20°	943.2	948.3	951.4	950.4	950.4	950.9	945.8	945.8	948.8	950.4	950.9
22.5°	928.9	935.0	935.0	932.5	932.5	930.4	928.9	925.8	929.4	931.9	934.0
25°	907.4	909.9	906.9	901.2	898.2	895.6	888.4	894.6	894.6	902.3	904.8
27.5°	877.2	871.6	862.9	851.1	848.5	840.3	835.7	837.3	839.8	850.6	858.8
30°	827.5	810.7	795.8	790.7	779.4	771.2	763.1	767.2	771.8	777.9	794.8
32.5°	762.0	745.7	721.6	712.9	701.1	690.9	681.2	687.3	695.5	699.6	718.0
35°	686.8	667.4	645.4	630.5	618.2	612.6	600.3	609.0	617.7	620.8	636.6
37.5°	607.0	587.0	567.6	554.8	543.0	539.4	531.2	537.4	544.0	548.6	561.9
40°	531.2	512.8	498.0	489.3	481.1	478.0	474.9	477.5	482.6	486.2	496.4
42.5°	466.2	451.4	441.2	436.0	430.4	426.3	426.8	427.8	430.4	438.1	442.7
45°	409.4	400.7	394.1	393.0	389.5	389.0	388.4	390.5	392.0	396.6	400.2
47.5°	363.9	360.3	358.8	360.8	362.3	360.3	361.3	363.9	366.9	366.9	366.4
50°	328.0	329.1	331.1	335.7	338.8	339.8	340.8	343.9	344.4	345.4	343.9
52.5°	298.9	299.9	305.5	312.7	316.3	317.8	319.9	322.9	322.9	324.0	321.9
55°	269.2	270.7	276.4	283.5	286.6	288.6	290.7	292.7	294.3	296.3	294.8
57.5°	236.4	241.0	244.6	246.7	248.7	250.3	251.8	252.3	255.4	255.9	258.4
60°	201.6	202.7	206.2	205.7	204.2	208.3	206.2	209.8	213.4	218.0	218.5
62.5°	168.4	168.9	171.4	170.4	172.5	172.0	173.5	173.5	176.1	178.1	180.7
65°	142.3	142.8	144.8	144.8	144.3	145.9	147.4	148.4	148.4	150.0	152.0
67.5°	122.8	124.4	126.4	127.4	128.5	128.5	130.0	130.5	131.5	132.0	133.1
70°	109.5	111.6	113.6	114.6	115.1	116.2	116.7	116.7	117.7	118.2	119.2
72.5°	99.8	101.8	103.4	103.4	104.4	104.9	104.9	105.4	105.9	107.0	108.0
75°	91.6	93.1	94.2	93.7	93.7	93.7	94.2	94.2	95.2	96.2	97.2
77.5°	83.9	85.5	85.5	84.4	84.4	84.4	84.4	85.0	85.5	86.5	87.5
80°	78.3	78.3	77.8	77.8	76.8	76.3	76.3	76.8	76.8	77.8	79.3
82.5°	72.2	72.2	71.6	71.1	70.6	70.1	70.1	70.6	71.1	71.6	72.7
85°	66.5	66.5	65.5	65.5	65.0	65.0	65.0	65.0	65.5	66.0	67.0
87.5°	60.9	60.4	59.9	59.4	59.4	59.4	59.4	59.4	59.9	60.9	61.4
90°	55.3	54.8	54.2	54.2	53.7	53.7	54.2	54.2	54.8	55.3	55.8
92.5°	50.2	49.6	49.1	49.1	48.6	48.6	49.1	48.6	49.6	49.6	50.2
95°	45.5	45.0	44.5	44.5	44.5	44.5	44.5	44.5	45.0	45.0	45.5
97.5°	41.5	40.9	40.4	40.4	40.9	40.4	40.9	40.9	40.9	41.5	42.0
100°	37.9	37.4	37.4	37.9	37.4	37.4	37.9	37.9	37.9	37.9	38.4
102.5°	34.8	34.8	34.8	34.8	34.8	34.8	35.3	35.3	35.3	35.3	35.8
105°	31.7	32.2	32.2	32.2	32.8	32.8	32.8	33.3	33.3	33.3	33.3
107.5°	29.7	30.2	30.2	30.7	30.7	31.2	31.2	31.2	31.2	31.7	31.7
110°	27.6	28.1	28.7	29.2	29.2	29.7	29.7	29.7	29.7	29.7	29.7

TEST NUMBER: P1213686

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	25.6	26.1	26.6	27.6	28.1	28.1	28.1	28.1	28.7	28.7	28.1
115°	23.5	24.6	25.1	26.1	26.6	26.6	27.1	27.1	27.1	27.1	26.6
117.5°	21.5	23.0	23.5	24.6	25.1	25.1	25.6	25.6	25.6	25.6	25.1
120°	20.0	21.0	22.0	22.5	23.0	23.5	23.5	24.1	24.1	24.1	23.5
122.5°	18.4	19.4	20.5	21.0	21.5	22.0	22.0	22.0	22.0	22.0	22.0
125°	16.4	17.4	18.4	18.9	19.4	20.0	20.0	20.5	20.5	20.5	20.0
127.5°	14.8	15.9	16.4	17.4	17.9	17.9	18.4	18.4	18.4	18.4	17.9
130°	12.8	13.8	14.8	15.4	15.9	15.9	16.4	16.4	16.4	16.4	16.4
132.5°	11.3	12.3	12.8	13.8	13.8	14.3	14.3	14.8	14.8	14.8	14.3
135°	10.2	10.7	11.3	12.3	12.3	12.8	12.8	12.8	12.8	12.8	12.8
137.5°	9.2	9.7	10.2	10.7	10.7	11.3	11.3	11.3	11.3	11.8	11.3
140°	7.7	8.7	9.2	9.2	9.7	9.7	9.7	10.2	10.2	10.2	9.7
142.5°	6.7	7.2	7.7	8.2	8.7	8.7	8.7	8.7	9.2	8.7	8.7
145°	5.1	6.1	6.7	7.2	7.7	7.7	7.7	7.7	7.7	7.7	7.7
147.5°	4.1	4.6	5.6	6.1	6.1	6.7	6.7	6.7	6.7	6.7	6.7
150°	3.6	3.6	4.6	5.1	5.6	5.6	5.6	5.6	5.6	5.6	5.6
152.5°	2.6	3.1	3.6	4.1	4.6	4.6	4.6	4.6	4.6	4.6	4.6
155°	2.6	2.6	3.1	3.1	3.6	3.6	3.6	3.6	4.1	3.6	3.6
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: P1213686

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8
2.5°	986.7	986.2	988.2	986.2	976.0	980.1	978.5	984.1	984.7	986.2	991.3
5°	981.6	981.6	984.1	982.1	972.4	976.5	976.0	981.6	982.6	983.6	989.3
7.5°	971.4	971.9	975.4	973.9	963.7	969.8	969.3	976.0	978.0	980.1	985.2
10°	961.6	961.1	965.2	963.7	954.0	961.1	960.6	967.3	970.3	973.9	980.1
12.5°	956.5	955.0	956.5	955.0	944.2	949.9	950.4	958.0	961.6	966.2	973.4
15°	956.5	954.0	954.0	950.9	938.6	942.2	942.7	947.8	952.4	957.0	965.7
17.5°	955.5	952.9	952.4	949.9	936.6	936.6	936.0	939.6	942.2	946.8	956.0
20°	949.9	948.8	948.3	946.8	934.5	932.5	931.4	931.4	933.0	934.5	943.7
22.5°	935.0	936.0	937.1	938.1	928.4	924.8	925.3	924.3	922.7	922.7	930.4
25°	907.4	912.5	916.6	921.2	915.6	913.0	916.1	914.5	912.0	909.9	916.6
27.5°	863.4	874.1	882.8	894.1	894.6	892.5	900.7	899.7	899.2	896.1	901.2
30°	802.5	819.4	831.1	847.5	861.3	863.4	877.2	879.2	881.3	879.7	884.9
32.5°	728.8	751.8	771.8	797.3	810.7	822.4	841.9	850.1	858.2	860.8	866.4
35°	648.4	674.5	698.1	726.2	747.2	772.8	796.3	808.6	827.0	834.2	842.4
37.5°	572.2	596.7	619.8	647.9	681.7	708.3	737.5	765.1	790.2	800.4	812.7
40°	504.6	524.6	546.6	571.1	601.8	636.6	668.4	706.8	736.4	756.9	774.8
42.5°	453.4	463.2	482.1	504.1	528.7	564.0	596.2	639.2	675.0	704.2	733.9
45°	407.9	412.5	426.3	438.1	463.2	494.4	528.7	570.6	608.0	645.4	681.2
47.5°	369.0	374.6	381.3	388.4	406.4	432.5	462.1	500.0	537.4	580.9	621.8
50°	342.9	344.4	345.4	348.5	359.3	377.2	401.2	433.5	469.3	515.9	559.4
52.5°	319.9	319.9	316.8	315.3	319.3	330.6	344.4	367.5	404.3	447.3	493.4
55°	295.3	290.7	289.7	284.5	285.6	290.7	297.3	315.3	345.4	382.3	426.8
57.5°	261.0	259.0	259.0	256.9	252.8	255.4	256.9	269.7	291.2	322.9	361.8
60°	221.6	220.6	223.1	223.6	220.1	221.6	221.1	228.8	244.1	269.7	301.9
62.5°	182.2	186.8	187.3	189.4	187.3	186.8	189.4	196.0	203.7	223.1	248.2
65°	153.0	155.6	156.1	158.7	157.6	157.6	159.7	164.8	169.4	182.7	202.2
67.5°	134.1	133.1	133.6	135.1	133.6	133.1	134.6	137.7	141.3	149.4	163.3
70°	119.2	118.2	118.2	118.2	116.2	114.6	115.1	116.2	117.7	122.3	131.0
72.5°	108.0	108.0	106.4	104.9	103.4	102.4	101.3	100.3	99.8	101.3	105.9
75°	97.7	98.3	97.7	96.2	94.2	92.1	90.1	88.0	85.5	84.4	85.0
77.5°	88.5	89.0	89.6	89.0	87.0	84.4	81.4	78.3	74.7	71.1	69.1
80°	80.3	81.4	81.9	81.4	79.8	77.8	74.2	70.6	65.5	60.9	55.8
82.5°	73.2	74.7	75.2	75.2	74.2	72.2	68.1	64.0	58.3	52.2	45.5
85°	67.6	68.6	69.6	69.6	69.1	67.0	62.9	58.3	52.7	45.5	38.4
87.5°	61.9	62.4	63.5	64.5	63.5	61.4	57.8	52.7	47.1	39.9	31.7
90°	56.3	56.8	57.8	58.9	58.3	56.3	53.2	48.6	42.5	34.8	26.6
92.5°	50.7	51.7	52.2	52.7	53.2	51.7	49.1	44.5	38.4	30.7	23.0
95°	46.6	46.6	47.6	48.1	48.6	47.1	45.0	40.4	34.8	27.6	20.0
97.5°	42.5	42.5	43.5	43.5	44.0	43.0	40.9	36.8	31.2	24.6	16.9
100°	38.4	38.9	39.4	39.9	39.9	39.4	37.4	33.3	28.1	22.0	14.8
102.5°	35.8	35.8	36.3	36.3	36.8	35.8	33.8	30.2	25.1	19.4	12.8
105°	33.3	33.3	33.8	33.8	33.3	32.2	30.2	27.1	22.5	16.9	11.3
107.5°	31.2	31.2	31.2	31.2	30.7	29.7	27.6	24.1	20.0	15.4	10.2
110°	29.7	29.2	29.2	28.7	28.1	26.6	24.6	21.5	17.9	13.3	8.7

TEST NUMBER: P1213686

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	28.1	27.6	27.1	26.6	25.6	24.1	22.0	19.4	15.9	11.8	7.7
115°	26.6	26.1	25.6	24.6	23.5	22.0	20.0	17.4	13.8	10.2	6.7
117.5°	25.1	24.6	23.5	22.5	21.5	20.0	17.9	15.4	12.3	9.2	6.1
120°	23.0	22.5	22.0	21.0	20.0	17.9	15.9	13.8	10.7	8.2	5.1
122.5°	21.5	21.0	20.0	19.4	17.9	16.4	14.3	12.3	9.7	7.2	4.6
125°	19.4	18.9	18.4	17.4	16.4	14.3	12.8	10.7	8.7	6.1	3.6
127.5°	17.9	17.4	16.4	15.4	14.3	12.8	11.3	9.7	7.7	5.1	3.6
130°	15.9	15.4	14.8	13.8	12.8	11.3	10.2	8.2	6.7	4.6	3.1
132.5°	13.8	13.8	13.3	12.3	11.3	10.2	8.7	7.2	5.6	4.1	2.6
135°	12.8	12.3	11.8	10.7	10.2	8.7	7.7	6.1	4.6	3.6	2.0
137.5°	11.3	10.7	10.2	9.7	8.7	7.7	6.7	5.1	4.1	3.1	2.0
140°	9.7	9.2	9.2	8.2	7.7	6.7	5.6	4.6	3.6	2.6	1.5
142.5°	8.7	8.2	7.7	7.2	6.7	5.6	4.6	3.6	3.1	2.0	1.5
145°	7.7	7.2	6.7	6.1	5.6	4.6	4.1	3.1	2.6	2.0	1.5
147.5°	6.1	6.1	5.6	5.1	4.6	4.1	3.6	3.1	2.0	1.5	1.0
150°	5.1	5.1	4.6	4.1	4.1	3.6	3.1	2.6	2.0	1.5	1.0
152.5°	4.6	4.1	4.1	3.6	3.6	3.1	2.6	2.0	1.5	1.5	1.0
155°	3.6	3.6	3.6	3.1	3.1	2.6	2.0	2.0	1.5	1.0	1.0
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: P1213686

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8
2.5°	992.3	986.2	991.3	1000.5	999.5	998.5	997.5	999.5	1006.2	1002.6	996.9
5°	990.8	984.7	990.3	999.0	998.5	996.9	995.9	998.0	1004.6	1001.0	994.9
7.5°	987.7	982.1	986.2	994.9	994.9	993.9	992.8	994.9	1001.0	998.0	991.8
10°	982.6	978.5	982.6	990.8	991.3	989.3	988.2	990.8	996.9	995.4	990.3
12.5°	978.5	974.4	979.0	987.2	987.7	985.7	984.1	987.2	995.4	996.4	994.9
15°	972.9	969.3	974.9	983.6	983.6	982.1	982.1	986.2	997.5	1002.1	1004.6
17.5°	964.7	962.1	968.8	977.5	978.0	977.0	977.5	985.7	1000.5	1011.8	1018.9
20°	954.5	953.4	960.6	969.8	971.4	971.9	974.4	986.7	1007.2	1022.5	1029.7
22.5°	942.2	942.7	950.9	960.6	962.7	964.2	969.3	986.7	1012.3	1028.7	1031.7
25°	928.4	929.9	938.6	950.4	952.9	956.0	964.7	987.2	1013.8	1024.6	1019.5
27.5°	913.5	916.6	927.9	940.1	943.2	948.3	959.6	984.1	1006.7	1007.2	988.2
30°	898.2	901.7	915.1	929.4	934.5	939.6	953.4	977.0	989.3	972.9	939.6
32.5°	880.8	885.9	899.2	916.6	922.7	929.4	943.2	963.2	958.6	923.2	875.6
35°	858.8	865.9	881.3	901.7	907.4	916.1	925.8	930.4	909.9	859.8	806.0
37.5°	831.6	842.4	860.3	883.8	890.0	895.6	898.2	885.4	844.4	790.2	734.4
40°	800.4	816.8	836.2	862.3	868.5	868.5	859.3	832.1	780.5	709.3	647.4
42.5°	762.5	782.5	807.1	833.2	839.3	832.1	810.1	762.5	703.7	624.4	558.9
45°	716.5	743.1	770.7	797.9	800.9	785.1	745.7	685.3	612.6	538.9	476.5
47.5°	661.7	696.5	726.7	757.4	753.3	726.7	674.0	605.4	528.7	459.1	408.9
50°	600.3	641.3	675.0	704.2	695.5	658.7	596.7	525.1	448.8	389.5	348.0
52.5°	534.8	581.9	615.7	639.2	627.4	583.4	515.4	446.8	384.3	330.1	302.5
55°	466.7	514.3	549.1	567.6	552.2	504.6	437.6	375.1	316.3	281.0	264.6
57.5°	400.7	445.2	478.0	492.8	473.4	425.8	363.9	311.2	268.7	239.0	230.8
60°	337.3	373.6	404.8	416.1	395.1	351.1	297.9	255.9	224.7	204.2	200.1
62.5°	278.4	308.1	332.7	341.4	320.9	286.6	240.5	209.3	187.3	177.1	172.0
65°	229.8	247.2	272.3	270.7	258.4	226.7	192.9	170.9	156.6	150.0	146.9
67.5°	180.7	196.5	212.4	214.4	199.1	177.1	155.1	139.2	131.5	127.9	126.4
70°	139.7	151.5	161.2	158.7	150.5	136.6	122.8	114.1	111.1	109.5	109.5
72.5°	108.5	114.6	119.2	116.2	111.1	103.9	97.2	93.7	94.2	95.2	96.2
75°	83.9	85.5	86.5	83.4	82.4	77.8	77.3	77.8	80.9	83.9	85.5
77.5°	64.5	62.4	60.9	57.8	58.3	57.8	60.4	64.5	69.1	73.7	77.8
80°	49.6	45.0	41.5	38.4	39.9	42.5	47.6	53.7	59.9	65.0	70.1
82.5°	38.4	31.7	26.6	23.5	26.6	30.7	37.4	45.0	52.2	57.8	63.5
85°	29.7	22.0	15.9	12.8	15.9	22.0	29.2	37.9	45.5	51.7	57.3
87.5°	23.0	15.9	8.7	5.1	8.7	15.4	23.5	31.7	39.4	46.6	52.2
90°	18.4	10.7	4.1	1.0	4.6	10.7	18.4	26.6	34.3	42.0	47.6
92.5°	14.8	7.7	2.0	0.0	2.6	8.2	15.4	23.0	30.7	37.9	43.5
95°	12.3	6.1	1.5	0.0	2.0	6.1	12.3	20.0	27.1	34.3	38.9
97.5°	10.2	4.6	1.0	0.0	1.0	5.1	10.2	16.9	24.1	30.7	35.3
100°	8.7	4.1	1.0	0.0	1.0	4.1	8.7	14.8	21.0	27.1	31.7
102.5°	7.2	3.1	0.5	0.5	0.5	3.1	7.7	12.8	18.4	24.1	28.7
105°	6.7	2.6	0.5	0.5	0.5	2.6	6.7	11.3	16.4	21.5	25.6
107.5°	5.6	2.0	0.5	0.5	0.5	2.0	5.6	9.7	14.8	19.4	23.0
110°	4.6	2.0	0.5	0.5	0.5	2.0	4.6	8.7	12.8	16.9	20.5



TEST NUMBER: P1213686

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	4.1	1.5	0.5	0.5	0.5	1.5	4.1	7.7	11.3	15.4	18.4
115°	3.6	1.5	0.5	0.5	0.5	1.5	3.6	6.7	9.7	13.3	16.4
117.5°	3.1	1.5	0.5	0.5	0.5	1.0	3.1	5.6	8.7	11.8	14.8
120°	2.6	1.0	0.5	0.5	0.5	1.0	2.6	5.1	7.7	10.2	12.8
122.5°	2.6	1.0	0.5	0.5	0.5	1.0	2.0	4.1	6.7	8.7	11.3
125°	2.0	1.0	0.5	0.5	0.5	0.5	2.0	3.6	5.6	7.7	9.7
127.5°	2.0	1.0	0.5	0.5	0.5	0.5	1.5	3.1	4.6	6.7	8.7
130°	1.5	1.0	0.5	0.5	0.5	0.5	1.0	2.6	4.1	5.6	7.2
132.5°	1.5	1.0	0.5	0.5	0.5	0.5	1.0	2.0	3.1	4.6	6.1
135°	1.5	0.5	0.5	0.5	0.5	0.5	0.5	1.5	2.6	3.6	4.6
137.5°	1.0	0.5	0.5	0.5	0.5	0.5	0.5	1.0	2.0	2.6	4.1
140°	1.0	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.5	2.0	3.1
142.5°	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.5	2.6
145°	1.0	0.5	0.5	1.0	1.0	0.5	0.5	1.0	1.0	1.5	2.0
147.5°	1.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.5
150°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5
152.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
155°	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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: P1213686

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8
2.5°	995.9	984.1	990.3	988.2	990.3	995.4	994.9	993.4	994.4	991.8	989.3
5°	993.9	982.1	988.2	985.7	988.2	993.4	992.3	990.8	992.3	989.3	986.7
7.5°	991.3	980.6	987.7	987.2	991.8	998.5	999.0	999.0	1002.6	998.0	995.9
10°	991.3	985.7	995.4	999.0	1010.8	1019.5	1020.5	1022.5	1028.7	1027.6	1022.5
12.5°	1002.1	1001.0	1015.4	1024.1	1034.8	1047.1	1053.7	1055.8	1059.9	1056.8	1054.8
15°	1015.9	1021.0	1036.9	1046.6	1058.4	1067.6	1069.1	1070.1	1073.2	1068.6	1065.0
17.5°	1034.3	1037.4	1050.2	1054.3	1061.9	1063.5	1061.4	1056.3	1056.3	1046.1	1043.0
20°	1043.0	1041.5	1046.6	1039.9	1036.9	1027.6	1018.9	1009.2	1008.7	998.0	996.9
22.5°	1035.3	1025.1	1014.3	998.0	990.8	977.5	965.7	960.1	956.5	942.7	939.1
25°	1008.2	983.1	967.3	947.8	930.4	915.1	903.8	892.0	880.8	869.5	864.4
27.5°	961.1	937.6	912.0	884.9	860.8	837.3	818.3	806.6	795.8	781.0	773.3
30°	903.3	870.5	842.4	816.3	776.9	748.2	732.4	708.8	700.6	694.0	679.6
32.5°	835.2	795.8	757.4	722.1	681.7	655.1	634.1	616.7	611.6	594.2	590.1
35°	760.0	708.3	664.8	630.0	600.8	568.6	551.2	539.4	529.2	517.4	515.4
37.5°	671.5	624.9	575.7	545.0	522.0	494.4	481.1	472.9	468.3	459.6	458.0
40°	582.4	535.8	502.1	471.3	457.0	442.2	432.5	428.9	426.8	423.8	420.7
42.5°	501.5	460.6	436.5	416.1	409.9	402.8	400.2	402.3	400.2	399.2	398.7
45°	433.0	401.7	384.9	378.7	377.2	375.1	377.2	380.8	381.3	380.2	380.2
47.5°	370.5	355.7	348.5	349.5	352.1	353.6	357.2	361.8	362.8	360.3	361.3
50°	329.6	320.9	319.3	323.4	329.1	331.1	335.2	338.8	338.3	337.3	336.2
52.5°	291.2	288.6	292.7	296.8	303.0	304.0	305.5	307.1	306.6	304.5	303.5
55°	259.0	261.0	264.6	266.1	270.7	270.2	270.7	270.7	268.7	267.7	266.1
57.5°	229.8	230.3	232.3	232.9	235.4	234.4	233.9	232.9	229.8	229.3	227.7
60°	200.1	199.1	203.7	200.1	202.2	200.1	199.6	197.0	194.0	193.5	192.4
62.5°	172.0	169.9	173.0	171.4	172.5	170.4	169.4	166.3	163.8	163.3	162.7
65°	146.9	145.9	148.9	148.4	149.4	146.9	145.9	143.8	141.8	141.3	140.7
67.5°	125.9	128.5	130.0	130.0	131.0	130.5	127.9	127.4	126.9	124.9	124.9
70°	110.5	112.1	115.1	115.7	115.1	116.2	114.1	113.6	113.1	112.1	111.6
72.5°	98.3	100.3	103.4	103.9	103.4	103.4	102.4	101.8	101.8	100.3	100.3
75°	88.5	91.1	93.7	93.7	93.7	92.6	91.6	91.6	90.6	90.1	89.0
77.5°	80.3	83.4	85.5	85.0	84.4	83.4	83.4	81.9	80.3	80.3	79.3
80°	74.2	76.3	77.8	77.3	76.8	75.2	74.7	73.2	72.2	70.6	70.6
82.5°	67.6	70.1	71.1	70.6	69.6	68.1	67.6	66.5	65.5	65.0	64.0
85°	61.9	64.5	65.0	64.0	62.9	61.9	61.4	60.9	60.4	59.4	59.4
87.5°	56.3	58.9	58.9	58.3	57.3	56.8	56.3	55.8	55.3	54.8	54.2
90°	51.7	53.7	53.7	53.2	52.7	52.2	51.7	51.2	50.7	50.2	50.2
92.5°	47.1	49.1	49.1	48.6	48.1	47.6	47.6	47.1	46.6	46.1	45.5
95°	43.0	45.0	45.0	45.0	44.5	44.0	44.0	43.5	43.0	43.0	42.5
97.5°	38.9	40.9	40.9	40.9	40.4	39.9	39.9	39.4	39.4	39.4	38.9
100°	35.3	36.8	37.4	37.4	36.8	36.8	36.8	36.3	36.3	36.3	35.8
102.5°	31.7	33.3	34.3	34.3	34.3	33.8	33.8	33.8	33.8	33.8	33.3
105°	28.7	30.2	31.2	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
107.5°	26.1	27.6	28.7	29.2	29.7	29.7	30.2	30.2	30.2	30.2	30.2
110°	23.5	25.1	26.6	27.1	27.6	28.1	28.1	28.7	28.1	28.1	28.1

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CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	21.0	23.0	24.1	25.1	25.6	26.1	26.6	26.6	26.6	26.6	26.6
115°	18.9	21.0	22.0	23.0	24.1	24.6	24.6	25.1	25.1	25.1	24.6
117.5°	16.9	18.9	20.0	21.0	21.5	22.5	23.0	23.0	23.0	23.0	22.5
120°	15.4	16.9	17.9	18.9	20.0	20.5	21.0	21.0	21.0	21.0	21.0
122.5°	13.3	14.8	16.4	17.4	17.9	18.4	18.9	18.9	18.9	18.9	18.9
125°	11.8	13.3	14.3	15.4	15.9	16.9	16.9	16.9	16.9	16.9	16.9
127.5°	10.2	11.8	12.8	13.8	14.3	14.8	15.4	15.4	15.4	15.4	15.4
130°	8.7	10.2	11.3	12.3	12.8	13.3	13.3	13.8	13.8	13.8	13.8
132.5°	7.7	8.7	9.7	10.7	11.3	11.8	11.8	12.3	12.3	12.3	12.3
135°	6.1	7.7	8.2	9.2	9.7	10.2	10.2	10.7	10.7	10.7	10.7
137.5°	5.1	6.1	7.2	8.2	8.7	8.7	9.2	9.2	9.7	9.7	9.7
140°	4.1	4.6	6.1	6.7	7.2	7.7	8.2	8.2	8.2	8.2	8.2
142.5°	3.1	4.1	4.6	5.6	6.1	6.7	7.2	7.2	7.2	7.2	7.2
145°	2.6	3.1	3.6	4.6	5.1	5.6	6.1	6.1	6.1	6.1	6.1
147.5°	2.0	2.6	3.1	3.6	4.1	4.6	5.1	5.1	5.1	5.1	5.1
150°	1.5	2.0	2.6	2.6	3.1	3.6	4.1	4.6	4.6	4.6	4.6
152.5°	1.5	1.5	2.0	2.0	2.6	3.1	3.6	3.6	3.6	3.6	3.6
155°	1.0	1.5	1.5	1.5	2.0	2.0	2.6	3.1	3.1	3.1	3.1
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: P1213686

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8	990.8
2.5°	990.8	992.8	991.8	990.3	989.8	992.3	989.8	978.0	982.6	983.1	986.7
5°	989.3	990.8	989.8	988.8	987.2	990.3	987.2	974.9	979.5	980.1	983.6
7.5°	999.5	1000.0	1000.0	997.5	993.4	994.9	990.8	977.0	979.5	979.5	982.1
10°	1025.1	1026.1	1027.6	1021.0	1015.9	1011.8	1006.2	989.3	988.8	984.7	984.7
12.5°	1058.4	1055.8	1053.2	1050.2	1046.1	1041.0	1032.8	1012.8	1006.2	999.5	992.8
15°	1068.1	1067.1	1066.5	1065.0	1062.4	1060.9	1054.8	1034.8	1025.1	1016.9	1005.1
17.5°	1042.5	1044.5	1051.2	1051.7	1054.8	1060.9	1059.9	1046.1	1037.4	1033.8	1019.5
20°	996.4	996.9	1005.1	1008.7	1022.0	1032.3	1039.9	1038.4	1036.3	1040.4	1029.7
22.5°	941.2	944.7	953.4	959.1	971.9	983.6	995.9	1002.6	1013.3	1030.2	1028.2
25°	865.9	870.5	882.8	892.0	909.9	927.9	944.2	956.0	968.8	1001.0	1011.8
27.5°	775.9	783.0	798.9	808.1	833.2	851.6	875.1	898.2	916.1	952.9	974.9
30°	681.2	687.3	704.2	717.0	738.5	763.6	793.3	826.0	855.7	893.0	920.7
32.5°	592.6	599.3	613.1	624.4	648.4	669.4	702.2	742.6	770.2	821.9	858.8
35°	515.4	521.5	531.2	540.9	560.9	582.4	610.5	650.0	685.3	739.0	785.6
37.5°	461.1	462.1	467.8	473.4	488.2	504.6	526.6	561.4	594.2	652.0	703.2
40°	422.2	422.2	425.3	426.8	433.5	443.2	457.0	484.1	511.3	555.3	617.7
42.5°	398.2	397.1	397.1	397.7	397.1	401.7	409.9	422.7	446.8	483.1	531.7
45°	380.2	378.2	376.7	373.1	371.0	371.0	371.5	376.2	390.0	413.5	452.9
47.5°	360.3	359.8	357.2	353.1	349.5	347.0	342.9	341.4	345.4	358.8	385.4
50°	337.3	334.7	332.1	329.1	325.0	322.4	314.7	315.3	311.7	317.8	331.6
52.5°	303.5	301.4	300.4	297.9	296.3	295.3	289.2	283.0	281.5	282.5	287.6
55°	266.1	267.1	263.1	265.1	264.6	260.0	257.4	252.8	251.3	250.8	253.3
57.5°	227.2	228.3	225.7	227.7	227.7	225.2	223.6	223.6	220.1	217.0	220.6
60°	191.9	189.9	191.4	194.0	194.0	192.4	191.4	191.4	188.8	187.8	190.4
62.5°	163.3	161.2	162.7	165.3	165.8	164.8	163.8	163.8	160.7	160.7	162.7
65°	141.3	141.8	141.3	143.3	143.3	143.8	142.8	141.8	138.2	139.7	139.2
67.5°	125.4	124.9	124.9	126.9	126.4	127.4	126.4	124.9	122.3	120.3	119.8
70°	112.1	111.6	111.6	112.6	113.1	113.1	112.6	111.6	108.0	105.9	104.4
72.5°	100.3	99.8	100.3	100.8	101.3	101.8	101.3	100.3	97.2	94.7	92.1
75°	89.6	89.0	90.6	90.6	91.1	91.1	91.6	91.1	88.5	85.5	82.4
77.5°	78.8	79.3	80.9	81.4	82.4	82.9	83.4	83.4	80.9	78.3	74.2
80°	70.1	71.1	72.2	72.7	73.7	75.2	75.7	76.3	74.2	71.6	67.0
82.5°	64.0	64.5	65.5	66.0	67.6	68.1	68.6	69.6	68.6	66.0	60.9
85°	58.9	59.4	60.4	60.4	61.4	62.4	62.9	63.5	62.9	60.4	55.3
87.5°	54.2	54.8	55.3	55.8	56.3	56.8	57.3	57.8	57.3	54.8	50.2
90°	50.2	50.2	50.7	50.7	51.2	51.7	52.7	52.7	52.2	50.2	45.5
92.5°	45.5	46.1	46.1	46.6	47.1	47.6	48.1	48.1	47.6	45.5	41.5
95°	42.5	42.5	43.0	43.0	43.5	43.5	44.0	44.0	43.5	41.5	37.4
97.5°	38.9	38.9	38.9	38.9	39.4	39.4	39.9	39.9	39.4	37.4	33.8
100°	35.8	35.8	35.8	35.8	35.8	36.3	36.3	36.3	35.8	33.8	30.2
102.5°	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	32.2	30.7	27.1
105°	31.7	31.7	31.7	31.2	31.2	31.2	30.7	30.7	29.2	27.6	24.6
107.5°	29.7	29.7	29.7	29.2	29.2	28.7	28.1	28.1	26.6	25.1	22.0
110°	28.1	28.1	28.1	27.6	27.1	26.6	26.1	25.6	24.1	22.0	19.4



TEST NUMBER: P1213686

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	26.6	26.6	26.1	26.1	25.6	25.1	24.1	23.5	22.0	20.0	17.4
115°	24.6	24.6	24.6	24.1	23.5	23.0	22.5	21.5	20.0	17.9	15.4
117.5°	22.5	22.5	22.5	22.0	21.5	21.0	20.5	19.4	17.9	15.9	13.8
120°	20.5	20.5	20.5	20.0	19.4	18.9	18.4	17.4	15.9	14.3	11.8
122.5°	18.9	18.9	18.4	17.9	17.4	16.9	16.4	15.4	14.3	12.3	10.2
125°	16.9	16.9	16.4	16.4	15.9	15.4	14.8	13.8	12.3	10.7	9.2
127.5°	15.4	14.8	14.8	14.8	14.3	13.8	12.8	12.3	10.7	9.2	7.7
130°	13.3	13.3	13.3	12.8	12.8	12.3	11.3	10.2	9.2	8.2	6.7
132.5°	11.8	11.8	11.8	11.8	11.3	10.7	9.7	9.2	8.2	6.7	5.6
135°	10.7	10.7	10.2	10.2	9.7	9.2	8.7	7.7	6.7	5.6	4.6
137.5°	9.2	9.2	9.2	8.7	8.7	8.2	7.2	6.7	6.1	5.1	4.1
140°	8.2	8.2	7.7	7.7	7.2	7.2	6.7	5.6	5.1	4.1	3.6
142.5°	7.2	7.2	6.7	6.7	6.1	6.1	5.6	5.1	4.1	3.6	2.6
145°	6.1	6.1	5.6	5.6	5.6	5.1	4.6	4.1	3.6	3.1	2.6
147.5°	5.1	5.1	5.1	4.6	4.6	4.1	4.1	3.6	3.1	2.6	2.0
150°	4.6	4.6	4.1	4.1	4.1	3.6	3.1	3.1	2.6	2.0	1.5
152.5°	3.6	3.6	3.6	3.6	3.1	3.1	2.6	2.6	2.0	1.5	1.5
155°	3.1	3.1	3.1	2.6	2.6	2.6	2.0	2.0	1.5	1.5	1.0
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: P1213686

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	990.8	990.8	990.8	990.8	990.8	990.8	990.8
2.5°	985.2	984.7	989.3	988.8	982.6	991.8	998.0
5°	982.6	982.1	986.2	987.2	980.6	990.3	996.9
7.5°	980.6	980.1	984.7	986.2	979.5	988.2	995.4
10°	981.1	978.5	982.6	983.6	977.5	986.7	992.8
12.5°	984.7	978.5	980.1	980.1	974.4	982.6	989.3
15°	993.4	980.6	978.5	977.0	969.8	977.5	984.1
17.5°	1003.1	985.7	978.5	973.4	964.7	971.4	978.5
20°	1012.8	991.3	979.5	971.4	959.6	965.7	970.8
22.5°	1017.4	996.4	980.6	968.3	953.4	956.5	962.1
25°	1011.3	994.4	978.5	963.7	945.8	946.3	950.9
27.5°	988.8	984.1	973.9	959.1	939.6	937.1	940.6
30°	950.4	963.2	963.7	952.9	932.5	927.3	928.9
32.5°	896.6	925.3	942.2	940.1	922.2	915.1	916.1
35°	834.7	870.5	907.4	919.7	906.9	901.2	899.2
37.5°	760.5	808.6	857.7	887.9	885.9	882.3	880.3
40°	678.6	736.4	794.8	842.9	857.7	857.7	858.8
42.5°	591.1	658.7	722.6	783.5	818.3	826.0	829.1
45°	506.7	574.7	644.3	714.4	761.0	785.1	793.8
47.5°	429.9	498.5	564.5	641.3	703.2	734.4	748.2
50°	364.4	415.6	485.2	561.4	629.0	667.4	694.5
52.5°	310.1	350.1	411.0	482.1	550.2	602.9	627.9
55°	264.6	291.7	343.4	404.8	469.8	524.6	553.7
57.5°	226.2	247.7	283.0	334.2	389.0	443.2	474.4
60°	192.4	207.3	231.3	271.8	318.3	364.9	395.1
62.5°	163.3	173.0	188.8	218.5	254.9	291.2	319.3
65°	140.7	144.8	153.5	172.0	199.6	227.2	251.3
67.5°	118.7	121.3	127.9	139.2	153.0	173.0	188.8
70°	102.4	102.4	102.9	109.5	116.7	129.5	140.7
72.5°	89.0	87.5	84.4	86.0	87.5	94.7	101.8
75°	78.3	74.7	69.6	67.6	66.5	67.6	71.6
77.5°	69.1	64.0	57.8	52.7	48.6	47.1	50.7
80°	61.4	55.3	48.1	41.5	34.8	31.2	32.8
82.5°	55.3	47.6	39.9	32.2	24.6	19.4	19.4
85°	48.6	41.5	33.3	25.1	17.4	10.7	9.7
87.5°	44.0	36.3	27.6	20.0	12.3	5.6	3.1
90°	39.4	31.7	23.5	15.9	8.7	2.6	0.0
92.5°	35.3	28.1	20.5	12.8	6.1	1.5	0.0
95°	31.7	25.1	17.4	10.7	5.1	1.0	0.5
97.5°	28.1	22.0	15.4	8.7	3.6	1.0	0.5
100°	25.6	19.4	13.3	7.2	3.1	0.5	0.5
102.5°	22.5	17.4	11.3	6.1	2.6	0.5	0.5
105°	20.0	15.4	9.7	5.1	2.0	0.5	0.5
107.5°	17.9	13.3	8.7	4.6	2.0	0.5	0.5
110°	15.9	11.8	7.7	4.1	1.5	0.5	0.5

TEST NUMBER: P1213686

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L940-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	14.3	10.2	6.7	3.6	1.0	0.5	0.5
115°	12.3	9.2	5.6	3.1	1.0	0.5	0.5
117.5°	10.7	7.7	5.1	2.6	1.0	0.5	0.5
120°	9.2	6.7	4.1	2.0	0.5	0.5	0.5
122.5°	8.2	5.6	3.6	2.0	0.5	0.5	0.5
125°	7.2	5.1	3.1	1.5	0.5	0.5	0.5
127.5°	6.1	4.1	2.6	1.0	0.5	0.5	0.5
130°	5.1	3.6	2.0	1.0	0.5	0.5	0.5
132.5°	4.1	3.1	2.0	1.0	0.5	0.5	0.5
135°	3.6	2.6	1.5	1.0	0.5	0.5	0.5
137.5°	3.1	2.0	1.0	1.0	1.0	0.5	0.5
140°	2.6	1.5	1.0	1.0	1.0	1.0	0.5
142.5°	2.0	1.5	1.0	1.0	1.0	1.0	0.5
145°	1.5	1.0	1.0	1.0	1.0	1.0	0.5
147.5°	1.5	1.0	1.0	1.0	1.0	1.0	0.5
150°	1.0	1.0	1.0	1.0	1.0	1.0	1.0
152.5°	1.0	1.0	1.0	1.0	1.0	1.0	1.0
155°	1.0	1.0	1.0	1.0	1.0	1.0	1.0
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)