

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: P1214037

Luminaire Tested: 2SNLED-LD5-26SL-LC-UNV-L950-CD1-U

Issue Date: 3/29/2018

Test Information

Test Method: LM-79-2019
Report Number: P1214037
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-L950-CD1-U
Description: 2FT LINEAR SNLED LED FIXTURE
CLEAR LENSED
Light Source: -
Ballast/Driver: -

Summary

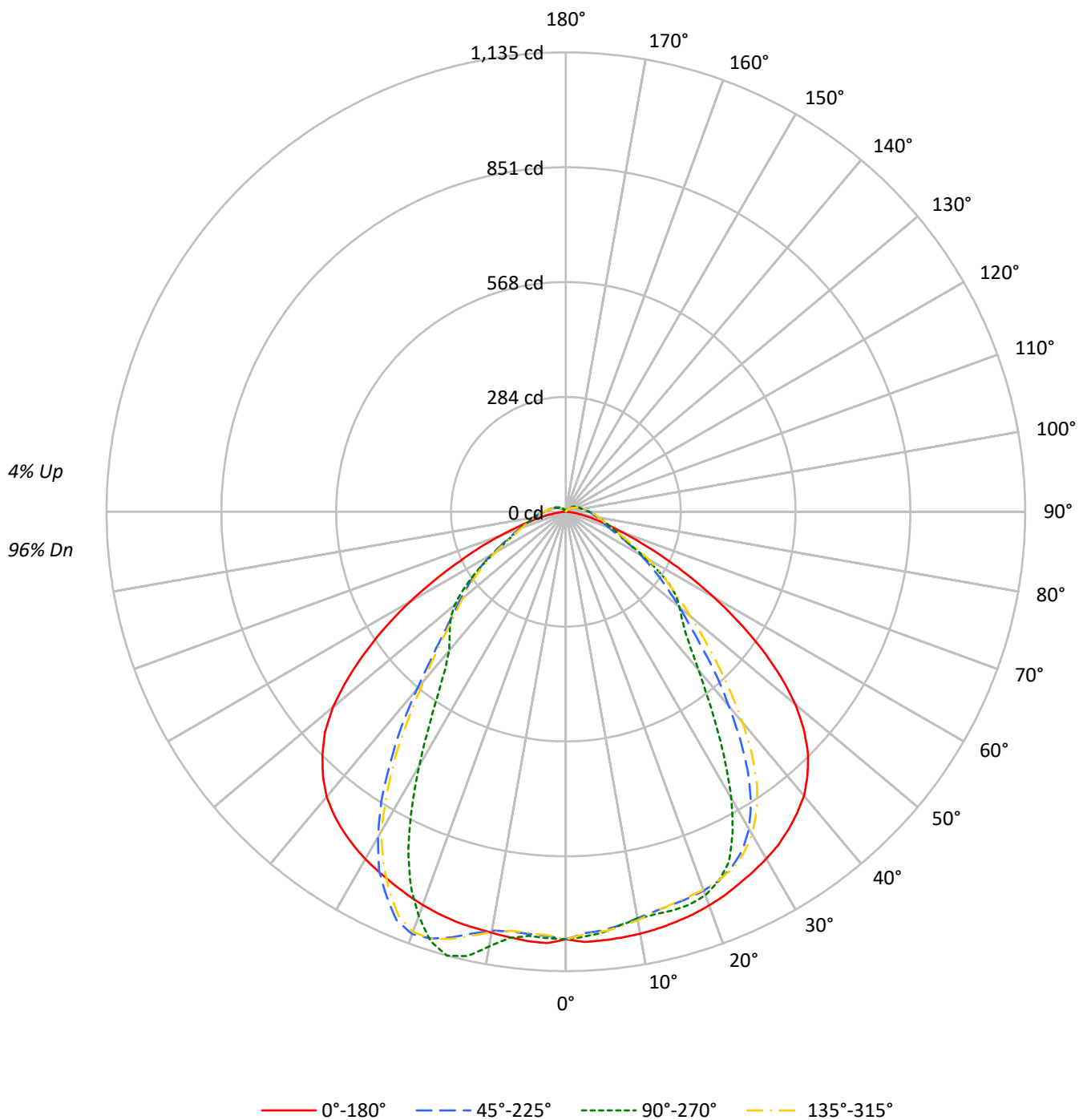
Lumens per Lamp: N/A
Luminaire Lumens: 2518.0 lumens
Efficiency: N/A
Efficacy: 119.9 lumens/watt
Spacing Criteria (0/90/45): 1.4 / 1.12 / 1.19
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 2' x H: 0.12')
CIE Type: Direct

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					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°	17070	17070	17070	17070
5°	17149	16394	17184	16523
10°	17180	15713	17145	16779
15°	17265	15503	17256	17260
20°	17405	15256	17387	16082
25°	17565	14474	17555	13985
30°	17836	12544	17847	11113
35°	18120	10143	18171	8584
40°	18353	8167	18429	7196
45°	18204	6918	18298	6737
50°	17324	6369	17567	6226
55°	15270	5725	15651	5204
60°	12285	4382	12938	4018
65°	9034	3352	9732	3178
70°	6049	2894	6820	2766
75°	3868	2611	4501	2468
80°	2398	2433	2811	2240
85°	1125	2429	1471	2219

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 180°

Vertical Angle: 45°

Luminance: 18298 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	100.3	4.0
10°-20°	298.5	11.9
20°-30°	453.8	18.0
30°-40°	486.9	19.3
40°-50°	422.5	16.8
50°-60°	313.1	12.4
60°-70°	179.4	7.1
70°-80°	99.4	3.9
80°-90°	60.5	2.4
90°-100°	39.3	1.6
100°-110°	26.3	1.0
110°-120°	17.8	0.7
120°-130°	10.9	0.4
130°-140°	5.7	0.2
140°-150°	2.6	0.1
150°-160°	0.8	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	852.7	33.9
0°-40°	1339.5	53.2
0°-60°	2075.2	82.4
0°-90°	2414.5	95.9
90°-120°	83.5	3.3
90°-150°	102.7	4.1
90°-180°	104.0	4.1
0°-180°	2518.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1056	1056	1056	1056	1056	
5°	1063	1044	1065	1052	1063	101
15°	1049	1020	1049	1135	1049	297
25°	1014	954	1013	922	1014	469
35°	959	649	961	549	959	600
45°	846	416	851	405	846	648
55°	590	312	605	284	590	523
65°	268	158	289	150	268	270
75°	76	100	89	95	76	87
85°	10	69	14	63	10	14
90°	0	58	1	54	0	0
95°	0	48	0	45	0	0
105°	0	36	0	34	0	1
115°	0	29	0	26	0	0
125°	0	22	0	18	0	0
135°	0	14	0	12	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°	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2
2.5°	1063.9	1061.1	1060.1	1057.9	1059.5	1066.1	1061.7	1054.6	1055.1	1042.6	1049.1
5°	1062.8	1059.5	1057.9	1055.7	1056.8	1062.8	1058.4	1051.3	1050.8	1038.2	1044.2
7.5°	1061.1	1057.9	1055.1	1053.5	1054.1	1059.0	1053.5	1045.3	1043.7	1030.0	1035.5
10°	1058.4	1056.2	1052.4	1049.7	1049.1	1054.6	1045.9	1037.7	1033.9	1019.7	1025.1
12.5°	1054.6	1051.3	1047.5	1042.6	1042.1	1045.3	1038.2	1026.8	1023.0	1011.5	1017.5
15°	1049.1	1045.3	1041.0	1035.5	1032.8	1035.0	1026.2	1015.9	1015.3	1005.5	1013.7
17.5°	1043.1	1037.7	1032.8	1025.1	1021.3	1023.0	1015.9	1006.6	1007.7	1001.7	1011.0
20°	1035.0	1029.0	1021.3	1013.7	1008.2	1011.0	1006.0	999.0	1000.6	996.2	1004.4
22.5°	1025.7	1017.5	1008.2	999.5	995.1	999.0	995.1	989.1	989.7	986.9	991.9
25°	1013.7	1004.4	993.5	982.6	980.4	983.1	980.9	976.0	973.9	969.5	971.7
27.5°	1002.8	992.4	978.8	967.3	963.5	968.9	964.0	955.9	949.8	943.8	939.5
30°	990.2	977.7	962.4	949.3	946.0	948.2	941.1	928.6	912.8	905.1	893.1
32.5°	976.6	960.2	941.1	926.4	924.2	922.6	909.5	891.5	866.9	851.6	833.1
35°	958.6	940.6	917.7	899.7	896.4	887.1	865.8	841.8	810.2	784.0	752.4
37.5°	938.4	917.1	893.1	869.1	859.8	841.3	811.3	786.2	738.2	706.5	668.3
40°	915.5	889.8	860.4	831.5	816.2	786.2	751.8	714.7	668.3	625.8	593.6
42.5°	883.8	856.6	821.6	789.4	763.3	723.4	683.1	630.7	588.1	552.1	519.4
45°	846.2	813.5	773.1	734.3	701.1	653.6	606.1	553.8	518.3	476.3	453.9
47.5°	797.6	762.2	719.1	676.0	632.3	579.9	530.3	480.1	444.6	414.6	398.3
50°	740.3	707.6	660.1	608.9	560.9	506.3	456.6	419.0	384.6	366.1	353.5
52.5°	669.4	638.9	590.3	534.7	488.3	434.8	389.5	359.0	334.4	320.8	316.4
55°	590.3	563.6	515.6	463.7	416.3	367.2	332.8	306.1	290.2	282.1	282.6
57.5°	505.7	485.0	439.7	393.4	348.6	311.5	280.4	259.1	247.1	246.6	248.2
60°	421.2	405.9	366.6	326.8	287.5	257.5	234.6	219.9	212.2	212.8	212.2
62.5°	340.4	326.3	297.9	265.2	234.1	213.9	193.1	187.1	180.6	180.0	180.0
65°	267.9	257.0	234.1	210.6	187.1	174.0	163.7	156.6	151.7	150.6	151.1
67.5°	201.3	197.0	181.1	165.3	150.6	142.4	133.7	132.0	128.2	128.2	129.3
70°	150.0	146.8	138.0	128.8	122.8	117.3	112.9	112.9	112.4	111.8	114.6
72.5°	108.6	109.1	106.4	99.3	98.7	97.7	96.6	98.2	98.7	100.4	103.7
75°	76.4	78.0	78.0	76.9	79.1	81.8	83.5	86.2	89.5	91.7	95.5
77.5°	54.0	54.0	56.7	60.0	64.4	69.3	73.7	77.5	81.8	84.6	87.8
80°	34.9	36.6	40.9	46.9	52.9	59.5	65.5	70.4	74.7	79.1	81.3
82.5°	20.7	23.5	28.9	36.6	44.2	52.4	58.4	64.4	69.3	73.7	75.3
85°	10.4	14.2	20.7	28.9	37.1	45.8	53.5	58.9	64.4	68.2	70.4
87.5°	3.3	7.6	14.7	22.4	31.1	39.8	48.0	54.0	58.9	62.2	64.4
90°	0.0	3.8	10.4	18.5	26.7	35.5	43.1	49.6	54.6	57.3	58.9
92.5°	0.0	2.2	8.2	15.3	22.9	31.6	39.3	45.3	49.6	52.4	53.5
95°	0.5	1.6	6.0	12.5	20.2	28.4	35.5	40.9	45.3	48.0	48.6
97.5°	0.5	1.1	4.9	10.4	17.5	25.1	32.2	37.6	40.9	43.6	44.2
100°	0.5	1.1	3.8	9.3	15.3	22.4	28.9	33.8	37.6	39.8	40.4
102.5°	0.5	0.5	3.3	7.6	13.6	19.6	25.6	30.6	33.8	36.0	37.1
105°	0.5	0.5	2.7	6.5	12.0	17.5	22.9	27.8	30.6	32.7	33.8
107.5°	0.5	0.5	2.2	5.5	10.4	15.3	20.7	24.6	27.8	30.0	31.1
110°	0.5	0.5	1.6	4.9	8.7	13.6	18.0	21.8	25.1	27.3	28.4

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.5	0.5	1.6	4.4	7.6	12.0	15.8	19.6	22.4	24.6	26.2
115°	0.5	0.5	1.6	3.8	7.1	10.4	14.2	17.5	20.2	22.4	24.0
117.5°	0.5	0.5	1.6	3.3	6.0	9.3	12.5	15.8	18.0	20.2	21.8
120°	0.5	0.5	1.1	2.7	5.5	8.2	10.9	13.6	16.4	18.5	20.2
122.5°	0.5	0.5	1.1	2.7	4.4	7.1	9.8	12.0	14.7	16.4	18.0
125°	0.5	0.5	1.1	2.2	3.8	6.5	8.7	10.9	12.5	14.7	16.4
127.5°	0.5	0.5	1.1	2.2	3.3	5.5	7.6	9.8	11.5	13.1	14.2
130°	0.5	0.5	1.1	1.6	2.7	4.4	6.5	8.2	10.4	11.5	12.5
132.5°	0.5	0.5	0.5	1.6	2.2	3.3	4.9	7.1	8.7	10.4	10.9
135°	0.5	0.5	0.5	1.1	2.2	2.7	3.8	5.5	7.1	8.7	9.8
137.5°	0.5	0.5	0.5	1.1	1.6	2.7	3.3	4.4	6.0	7.1	8.7
140°	0.5	0.5	0.5	1.1	1.6	2.2	2.7	3.8	4.9	6.0	7.1
142.5°	0.5	0.5	0.5	1.1	1.1	1.6	2.2	3.3	3.8	4.9	6.0
145°	0.5	0.5	0.5	1.1	1.1	1.6	2.2	2.7	3.3	3.8	4.9
147.5°	0.5	0.5	0.5	1.1	1.1	1.1	1.6	2.2	2.7	3.3	3.8
150°	1.1	1.1	1.1	1.1	1.1	1.1	1.6	1.6	2.2	2.7	3.3
152.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.6	1.6	1.6	2.2	2.7
155°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.6	1.6	2.2	2.2
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°	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2
2.5°	1047.0	1048.1	1054.6	1054.1	1053.0	1051.9	1051.9	1050.8	1051.9	1054.6	1053.5
5°	1041.5	1043.1	1048.1	1047.5	1046.4	1045.9	1045.3	1043.7	1044.8	1048.6	1047.5
7.5°	1031.7	1033.3	1037.7	1035.5	1033.9	1035.0	1032.2	1030.6	1032.8	1036.6	1036.1
10°	1021.3	1022.4	1027.9	1026.8	1024.0	1024.6	1021.9	1020.8	1023.5	1025.7	1026.2
12.5°	1014.2	1018.0	1023.0	1022.4	1021.9	1022.4	1019.7	1018.6	1020.2	1022.4	1021.9
15°	1012.6	1017.5	1023.0	1023.0	1023.5	1024.0	1021.3	1019.7	1021.3	1023.0	1022.4
17.5°	1011.0	1017.0	1021.9	1021.3	1021.9	1023.0	1018.6	1017.5	1019.7	1021.9	1020.8
20°	1005.5	1011.0	1014.2	1013.1	1013.1	1013.7	1008.2	1008.2	1011.5	1013.1	1013.7
22.5°	990.2	996.8	996.8	994.0	994.0	991.9	990.2	986.9	990.8	993.5	995.7
25°	967.3	970.0	966.8	960.8	957.5	954.8	947.1	953.7	953.7	961.9	964.6
27.5°	935.1	929.1	919.8	907.3	904.6	895.8	890.9	892.6	895.3	906.7	915.5
30°	882.2	864.2	848.4	842.9	830.9	822.2	813.5	817.8	822.7	829.3	847.3
32.5°	812.4	794.9	769.3	760.0	747.4	736.5	726.2	732.7	741.4	745.8	765.4
35°	732.2	711.4	688.0	672.2	659.1	653.1	640.0	649.2	658.5	661.8	678.7
37.5°	647.1	625.8	605.0	591.4	578.9	575.0	566.3	572.9	579.9	584.9	599.0
40°	566.3	546.7	530.8	521.6	512.8	509.6	506.3	509.0	514.5	518.3	529.2
42.5°	497.0	481.2	470.3	464.8	458.8	454.5	455.0	456.1	458.8	467.0	471.9
45°	436.5	427.2	420.1	419.0	415.2	414.6	414.1	416.3	417.9	422.8	426.6
47.5°	387.9	384.1	382.4	384.6	386.3	384.1	385.2	387.9	391.2	391.2	390.6
50°	349.7	350.8	353.0	357.9	361.2	362.3	363.4	366.6	367.2	368.3	366.6
52.5°	318.6	319.7	325.7	333.3	337.2	338.8	341.0	344.3	344.3	345.4	343.2
55°	287.0	288.6	294.6	302.2	305.5	307.7	309.9	312.1	313.7	315.9	314.3
57.5°	252.1	257.0	260.8	263.0	265.2	266.8	268.4	269.0	272.2	272.8	275.5
60°	215.0	216.0	219.9	219.3	217.7	222.0	219.9	223.7	227.5	232.4	233.0
62.5°	179.5	180.0	182.8	181.7	183.9	183.3	185.0	185.0	187.7	189.9	192.6
65°	151.7	152.2	154.4	154.4	153.9	155.5	157.1	158.2	158.2	159.9	162.0
67.5°	130.9	132.6	134.8	135.8	136.9	136.9	138.6	139.1	140.2	140.8	141.9
70°	116.8	118.9	121.1	122.2	122.8	123.8	124.4	124.4	125.5	126.0	127.1
72.5°	106.4	108.6	110.2	110.2	111.3	111.8	111.8	112.4	112.9	114.0	115.1
75°	97.7	99.3	100.4	99.8	99.8	99.8	100.4	100.4	101.5	102.6	103.7
77.5°	89.5	91.1	91.1	90.0	90.0	90.0	90.0	90.6	91.1	92.2	93.3
80°	83.5	83.5	82.9	82.9	81.8	81.3	81.3	81.8	81.8	82.9	84.6
82.5°	76.9	76.9	76.4	75.8	75.3	74.7	74.7	75.3	75.8	76.4	77.5
85°	70.9	70.9	69.8	69.8	69.3	69.3	69.3	69.3	69.8	70.4	71.5
87.5°	64.9	64.4	63.8	63.3	63.3	63.3	63.3	63.3	63.8	64.9	65.5
90°	58.9	58.4	57.8	57.8	57.3	57.3	57.8	57.8	58.4	58.9	59.5
92.5°	53.5	52.9	52.4	52.4	51.8	51.8	52.4	51.8	52.9	52.9	53.5
95°	48.6	48.0	47.5	47.5	47.5	47.5	47.5	47.5	48.0	48.0	48.6
97.5°	44.2	43.6	43.1	43.1	43.6	43.1	43.6	43.6	43.6	44.2	44.7
100°	40.4	39.8	39.8	40.4	39.8	39.8	40.4	40.4	40.4	40.4	40.9
102.5°	37.1	37.1	37.1	37.1	37.1	37.1	37.6	37.6	37.6	37.6	38.2
105°	33.8	34.4	34.4	34.4	34.9	34.9	34.9	35.5	35.5	35.5	35.5
107.5°	31.6	32.2	32.2	32.7	32.7	33.3	33.3	33.3	33.3	33.8	33.8
110°	29.5	30.0	30.6	31.1	31.1	31.6	31.6	31.6	31.6	31.6	31.6

TEST NUMBER: P1214037

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	27.3	27.8	28.4	29.5	30.0	30.0	30.0	30.0	30.6	30.6	30.0
115°	25.1	26.2	26.7	27.8	28.4	28.4	28.9	28.9	28.9	28.9	28.4
117.5°	22.9	24.6	25.1	26.2	26.7	26.7	27.3	27.3	27.3	27.3	26.7
120°	21.3	22.4	23.5	24.0	24.6	25.1	25.1	25.6	25.6	25.6	25.1
122.5°	19.6	20.7	21.8	22.4	22.9	23.5	23.5	23.5	23.5	23.5	23.5
125°	17.5	18.5	19.6	20.2	20.7	21.3	21.3	21.8	21.8	21.8	21.3
127.5°	15.8	16.9	17.5	18.5	19.1	19.1	19.6	19.6	19.6	19.6	19.1
130°	13.6	14.7	15.8	16.4	16.9	16.9	17.5	17.5	17.5	17.5	17.5
132.5°	12.0	13.1	13.6	14.7	14.7	15.3	15.3	15.8	15.8	15.8	15.3
135°	10.9	11.5	12.0	13.1	13.1	13.6	13.6	13.6	13.6	13.6	13.6
137.5°	9.8	10.4	10.9	11.5	11.5	12.0	12.0	12.0	12.0	12.5	12.0
140°	8.2	9.3	9.8	9.8	10.4	10.4	10.4	10.9	10.9	10.9	10.4
142.5°	7.1	7.6	8.2	8.7	9.3	9.3	9.3	9.3	9.8	9.3	9.3
145°	5.5	6.5	7.1	7.6	8.2	8.2	8.2	8.2	8.2	8.2	8.2
147.5°	4.4	4.9	6.0	6.5	6.5	7.1	7.1	7.1	7.1	7.1	7.1
150°	3.8	3.8	4.9	5.5	6.0	6.0	6.0	6.0	6.0	6.0	6.0
152.5°	2.7	3.3	3.8	4.4	4.9	4.9	4.9	4.9	4.9	4.9	4.9
155°	2.7	2.7	3.3	3.3	3.8	3.8	3.8	3.8	4.4	3.8	3.8
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: P1214037

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2
2.5°	1051.9	1051.3	1053.5	1051.3	1040.4	1044.8	1043.1	1049.1	1049.7	1051.3	1056.8
5°	1046.4	1046.4	1049.1	1047.0	1036.6	1041.0	1040.4	1046.4	1047.5	1048.6	1054.6
7.5°	1035.5	1036.1	1039.9	1038.2	1027.3	1033.9	1033.3	1040.4	1042.6	1044.8	1050.2
10°	1025.1	1024.6	1029.0	1027.3	1017.0	1024.6	1024.0	1031.1	1034.4	1038.2	1044.8
12.5°	1019.7	1018.0	1019.7	1018.0	1006.6	1012.6	1013.1	1021.3	1025.1	1030.0	1037.7
15°	1019.7	1017.0	1017.0	1013.7	1000.6	1004.4	1005.0	1010.4	1015.3	1020.2	1029.5
17.5°	1018.6	1015.9	1015.3	1012.6	998.4	998.4	997.9	1001.7	1004.4	1009.3	1019.1
20°	1012.6	1011.5	1011.0	1009.3	996.2	994.0	993.0	993.0	994.6	996.2	1006.0
22.5°	996.8	997.9	999.0	1000.0	989.7	985.9	986.4	985.3	983.7	983.7	991.9
25°	967.3	972.8	977.1	982.0	976.0	973.3	976.6	974.9	972.2	970.0	977.1
27.5°	920.4	931.8	941.1	953.1	953.7	951.5	960.2	959.1	958.6	955.3	960.8
30°	855.5	873.5	886.0	903.5	918.2	920.4	935.1	937.3	939.5	937.8	943.3
32.5°	776.9	801.5	822.7	850.0	864.2	876.7	897.5	906.2	914.9	917.7	923.7
35°	691.2	719.1	744.2	774.2	796.5	823.8	848.9	862.0	881.7	889.3	898.0
37.5°	610.0	636.1	660.7	690.7	726.7	755.1	786.2	815.6	842.4	853.3	866.4
40°	537.9	559.2	582.7	608.9	641.6	678.7	712.5	753.4	785.1	806.9	826.0
42.5°	483.4	493.7	513.9	537.4	563.6	601.2	635.6	681.4	719.6	750.7	782.4
45°	434.8	439.7	454.5	467.0	493.7	527.0	563.6	608.3	648.1	688.0	726.2
47.5°	393.4	399.4	406.5	414.1	433.2	461.0	492.7	533.0	572.9	619.2	662.9
50°	365.5	367.2	368.3	371.5	383.0	402.1	427.7	462.1	500.3	549.9	596.3
52.5°	341.0	341.0	337.7	336.1	340.4	352.4	367.2	391.7	431.0	476.8	525.9
55°	314.8	309.9	308.8	303.3	304.4	309.9	317.0	336.1	368.3	407.5	455.0
57.5°	278.2	276.1	276.1	273.9	269.5	272.2	273.9	287.5	310.4	344.3	385.7
60°	236.2	235.1	237.9	238.4	234.6	236.2	235.7	243.9	260.2	287.5	321.9
62.5°	194.2	199.1	199.7	201.9	199.7	199.1	201.9	209.0	217.1	237.9	264.6
65°	163.1	165.9	166.4	169.1	168.0	168.0	170.2	175.7	180.6	194.8	215.5
67.5°	142.9	141.9	142.4	144.0	142.4	141.9	143.5	146.8	150.6	159.3	174.0
70°	127.1	126.0	126.0	126.0	123.8	122.2	122.8	123.8	125.5	130.4	139.7
72.5°	115.1	115.1	113.5	111.8	110.2	109.1	108.0	106.9	106.4	108.0	112.9
75°	104.2	104.8	104.2	102.6	100.4	98.2	96.0	93.8	91.1	90.0	90.6
77.5°	94.4	94.9	95.5	94.9	92.7	90.0	86.7	83.5	79.7	75.8	73.7
80°	85.7	86.7	87.3	86.7	85.1	82.9	79.1	75.3	69.8	64.9	59.5
82.5°	78.0	79.7	80.2	80.2	79.1	76.9	72.6	68.2	62.2	55.6	48.6
85°	72.0	73.1	74.2	74.2	73.7	71.5	67.1	62.2	56.2	48.6	40.9
87.5°	66.0	66.6	67.7	68.7	67.7	65.5	61.7	56.2	50.2	42.6	33.8
90°	60.0	60.6	61.7	62.7	62.2	60.0	56.7	51.8	45.3	37.1	28.4
92.5°	54.0	55.1	55.6	56.2	56.7	55.1	52.4	47.5	40.9	32.7	24.6
95°	49.6	49.6	50.7	51.3	51.8	50.2	48.0	43.1	37.1	29.5	21.3
97.5°	45.3	45.3	46.4	46.4	46.9	45.8	43.6	39.3	33.3	26.2	18.0
100°	40.9	41.5	42.0	42.6	42.6	42.0	39.8	35.5	30.0	23.5	15.8
102.5°	38.2	38.2	38.7	38.7	39.3	38.2	36.0	32.2	26.7	20.7	13.6
105°	35.5	35.5	36.0	36.0	35.5	34.4	32.2	28.9	24.0	18.0	12.0
107.5°	33.3	33.3	33.3	33.3	32.7	31.6	29.5	25.6	21.3	16.4	10.9
110°	31.6	31.1	31.1	30.6	30.0	28.4	26.2	22.9	19.1	14.2	9.3

TEST NUMBER: P1214037

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	30.0	29.5	28.9	28.4	27.3	25.6	23.5	20.7	16.9	12.5	8.2
115°	28.4	27.8	27.3	26.2	25.1	23.5	21.3	18.5	14.7	10.9	7.1
117.5°	26.7	26.2	25.1	24.0	22.9	21.3	19.1	16.4	13.1	9.8	6.5
120°	24.6	24.0	23.5	22.4	21.3	19.1	16.9	14.7	11.5	8.7	5.5
122.5°	22.9	22.4	21.3	20.7	19.1	17.5	15.3	13.1	10.4	7.6	4.9
125°	20.7	20.2	19.6	18.5	17.5	15.3	13.6	11.5	9.3	6.5	3.8
127.5°	19.1	18.5	17.5	16.4	15.3	13.6	12.0	10.4	8.2	5.5	3.8
130°	16.9	16.4	15.8	14.7	13.6	12.0	10.9	8.7	7.1	4.9	3.3
132.5°	14.7	14.7	14.2	13.1	12.0	10.9	9.3	7.6	6.0	4.4	2.7
135°	13.6	13.1	12.5	11.5	10.9	9.3	8.2	6.5	4.9	3.8	2.2
137.5°	12.0	11.5	10.9	10.4	9.3	8.2	7.1	5.5	4.4	3.3	2.2
140°	10.4	9.8	9.8	8.7	8.2	7.1	6.0	4.9	3.8	2.7	1.6
142.5°	9.3	8.7	8.2	7.6	7.1	6.0	4.9	3.8	3.3	2.2	1.6
145°	8.2	7.6	7.1	6.5	6.0	4.9	4.4	3.3	2.7	2.2	1.6
147.5°	6.5	6.5	6.0	5.5	4.9	4.4	3.8	3.3	2.2	1.6	1.1
150°	5.5	5.5	4.9	4.4	4.4	3.8	3.3	2.7	2.2	1.6	1.1
152.5°	4.9	4.4	4.4	3.8	3.8	3.3	2.7	2.2	1.6	1.6	1.1
155°	3.8	3.8	3.8	3.3	3.3	2.7	2.2	2.2	1.6	1.1	1.1
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: P1214037

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2
2.5°	1057.9	1051.3	1056.8	1066.6	1065.5	1064.4	1063.3	1065.5	1072.6	1068.8	1062.8
5°	1056.2	1049.7	1055.7	1065.0	1064.4	1062.8	1061.7	1063.9	1071.0	1067.1	1060.6
7.5°	1053.0	1047.0	1051.3	1060.6	1060.6	1059.5	1058.4	1060.6	1067.1	1063.9	1057.3
10°	1047.5	1043.1	1047.5	1056.2	1056.8	1054.6	1053.5	1056.2	1062.8	1061.1	1055.7
12.5°	1043.1	1038.8	1043.7	1052.4	1053.0	1050.8	1049.1	1052.4	1061.1	1062.2	1060.6
15°	1037.1	1033.3	1039.3	1048.6	1048.6	1047.0	1047.0	1051.3	1063.3	1068.2	1071.0
17.5°	1028.4	1025.7	1032.8	1042.1	1042.6	1041.5	1042.1	1050.8	1066.6	1078.6	1086.2
20°	1017.5	1016.4	1024.0	1033.9	1035.5	1036.1	1038.8	1051.9	1073.7	1090.1	1097.7
22.5°	1004.4	1005.0	1013.7	1024.0	1026.2	1027.9	1033.3	1051.9	1079.2	1096.6	1099.9
25°	989.7	991.3	1000.6	1013.1	1015.9	1019.1	1028.4	1052.4	1080.8	1092.2	1086.8
27.5°	973.9	977.1	989.1	1002.2	1005.5	1011.0	1023.0	1049.1	1073.2	1073.7	1053.5
30°	957.5	961.3	975.5	990.8	996.2	1001.7	1016.4	1041.5	1054.6	1037.1	1001.7
32.5°	938.9	944.4	958.6	977.1	983.7	990.8	1005.5	1026.8	1021.9	984.2	933.5
35°	915.5	923.1	939.5	961.3	967.3	976.6	986.9	991.9	970.0	916.6	859.3
37.5°	886.6	898.0	917.1	942.2	948.8	954.8	957.5	943.8	900.2	842.4	782.9
40°	853.3	870.7	891.5	919.3	925.8	925.8	916.0	887.1	832.0	756.2	690.2
42.5°	812.9	834.2	860.4	888.2	894.7	887.1	863.6	812.9	750.2	665.6	595.8
45°	763.8	792.2	821.6	850.6	853.8	836.9	794.9	730.5	653.1	574.5	507.9
47.5°	705.4	742.5	774.7	807.5	803.1	774.7	718.5	645.4	563.6	489.4	435.9
50°	640.0	683.6	719.6	750.7	741.4	702.2	636.1	559.8	478.5	415.2	371.0
52.5°	570.1	620.3	656.3	681.4	668.9	622.0	549.4	476.3	409.7	351.9	322.4
55°	497.6	548.3	585.4	605.0	588.7	537.9	466.5	399.9	337.2	299.5	282.1
57.5°	427.2	474.7	509.6	525.4	504.7	453.9	387.9	331.7	286.4	254.8	246.1
60°	359.5	398.3	431.6	443.6	421.2	374.3	317.5	272.8	239.5	217.7	213.3
62.5°	296.8	328.4	354.6	363.9	342.1	305.5	256.4	223.1	199.7	188.8	183.3
65°	245.0	263.5	290.2	288.6	275.5	241.7	205.7	182.2	166.9	159.9	156.6
67.5°	192.6	209.5	226.4	228.6	212.2	188.8	165.3	148.4	140.2	136.4	134.8
70°	148.9	161.5	171.9	169.1	160.4	145.7	130.9	121.7	118.4	116.8	116.8
72.5°	115.7	122.2	127.1	123.8	118.4	110.8	103.7	99.8	100.4	101.5	102.6
75°	89.5	91.1	92.2	88.9	87.8	82.9	82.4	82.9	86.2	89.5	91.1
77.5°	68.7	66.6	64.9	61.7	62.2	61.7	64.4	68.7	73.7	78.6	82.9
80°	52.9	48.0	44.2	40.9	42.6	45.3	50.7	57.3	63.8	69.3	74.7
82.5°	40.9	33.8	28.4	25.1	28.4	32.7	39.8	48.0	55.6	61.7	67.7
85°	31.6	23.5	16.9	13.6	16.9	23.5	31.1	40.4	48.6	55.1	61.1
87.5°	24.6	16.9	9.3	5.5	9.3	16.4	25.1	33.8	42.0	49.6	55.6
90°	19.6	11.5	4.4	1.1	4.9	11.5	19.6	28.4	36.6	44.7	50.7
92.5°	15.8	8.2	2.2	0.0	2.7	8.7	16.4	24.6	32.7	40.4	46.4
95°	13.1	6.5	1.6	0.0	2.2	6.5	13.1	21.3	28.9	36.6	41.5
97.5°	10.9	4.9	1.1	0.0	1.1	5.5	10.9	18.0	25.6	32.7	37.6
100°	9.3	4.4	1.1	0.0	1.1	4.4	9.3	15.8	22.4	28.9	33.8
102.5°	7.6	3.3	0.5	0.5	0.5	3.3	8.2	13.6	19.6	25.6	30.6
105°	7.1	2.7	0.5	0.5	0.5	2.7	7.1	12.0	17.5	22.9	27.3
107.5°	6.0	2.2	0.5	0.5	0.5	2.2	6.0	10.4	15.8	20.7	24.6
110°	4.9	2.2	0.5	0.5	0.5	2.2	4.9	9.3	13.6	18.0	21.8

TEST NUMBER: P1214037

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	4.4	1.6	0.5	0.5	0.5	1.6	4.4	8.2	12.0	16.4	19.6
115°	3.8	1.6	0.5	0.5	0.5	1.6	3.8	7.1	10.4	14.2	17.5
117.5°	3.3	1.6	0.5	0.5	0.5	1.1	3.3	6.0	9.3	12.5	15.8
120°	2.7	1.1	0.5	0.5	0.5	1.1	2.7	5.5	8.2	10.9	13.6
122.5°	2.7	1.1	0.5	0.5	0.5	1.1	2.2	4.4	7.1	9.3	12.0
125°	2.2	1.1	0.5	0.5	0.5	0.5	2.2	3.8	6.0	8.2	10.4
127.5°	2.2	1.1	0.5	0.5	0.5	0.5	1.6	3.3	4.9	7.1	9.3
130°	1.6	1.1	0.5	0.5	0.5	0.5	1.1	2.7	4.4	6.0	7.6
132.5°	1.6	1.1	0.5	0.5	0.5	0.5	1.1	2.2	3.3	4.9	6.5
135°	1.6	0.5	0.5	0.5	0.5	0.5	0.5	1.6	2.7	3.8	4.9
137.5°	1.1	0.5	0.5	0.5	0.5	0.5	0.5	1.1	2.2	2.7	4.4
140°	1.1	0.5	0.5	0.5	0.5	0.5	0.5	1.1	1.6	2.2	3.3
142.5°	1.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.1	1.6	2.7
145°	1.1	0.5	0.5	1.1	1.1	0.5	0.5	1.1	1.1	1.6	2.2
147.5°	1.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.1	1.1	1.6
150°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.6
152.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
155°	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
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: P1214037

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2
2.5°	1061.7	1049.1	1055.7	1053.5	1055.7	1061.1	1060.6	1059.0	1060.1	1057.3	1054.6
5°	1059.5	1047.0	1053.5	1050.8	1053.5	1059.0	1057.9	1056.2	1057.9	1054.6	1051.9
7.5°	1056.8	1045.3	1053.0	1052.4	1057.3	1064.4	1065.0	1065.0	1068.8	1063.9	1061.7
10°	1056.8	1050.8	1061.1	1065.0	1077.5	1086.8	1087.9	1090.1	1096.6	1095.5	1090.1
12.5°	1068.2	1067.1	1082.4	1091.7	1103.2	1116.3	1123.3	1125.5	1129.9	1126.6	1124.4
15°	1083.0	1088.4	1105.3	1115.7	1128.3	1138.1	1139.7	1140.8	1144.1	1139.2	1135.3
17.5°	1102.6	1105.9	1119.5	1123.9	1132.1	1133.7	1131.5	1126.1	1126.1	1115.2	1111.9
20°	1111.9	1110.2	1115.7	1108.6	1105.3	1095.5	1086.2	1075.9	1075.3	1063.9	1062.8
22.5°	1103.7	1092.8	1081.3	1063.9	1056.2	1042.1	1029.5	1023.5	1019.7	1005.0	1001.1
25°	1074.8	1048.1	1031.1	1010.4	991.9	975.5	963.5	950.9	938.9	926.9	921.5
27.5°	1024.6	999.5	972.2	943.3	917.7	892.6	872.4	859.8	848.4	832.6	824.4
30°	962.9	928.0	898.0	870.2	828.2	797.6	780.7	755.6	746.9	739.8	724.5
32.5°	890.4	848.4	807.5	769.8	726.7	698.3	676.0	657.4	652.0	633.4	629.1
35°	810.2	755.1	708.7	671.6	640.5	606.1	587.6	575.0	564.1	551.6	549.4
37.5°	715.8	666.1	613.8	581.0	556.5	527.0	512.8	504.1	499.2	489.9	488.3
40°	620.9	571.2	535.2	502.5	487.2	471.4	461.0	457.2	455.0	451.7	448.5
42.5°	534.7	491.0	465.4	443.6	437.0	429.4	426.6	428.8	426.6	425.6	425.0
45°	461.6	428.3	410.3	403.7	402.1	399.9	402.1	405.9	406.5	405.4	405.4
47.5°	395.0	379.2	371.5	372.6	375.4	377.0	380.8	385.7	386.8	384.1	385.2
50°	351.4	342.1	340.4	344.8	350.8	353.0	357.4	361.2	360.6	359.5	358.4
52.5°	310.4	307.7	312.1	316.4	323.0	324.1	325.7	327.3	326.8	324.6	323.5
55°	276.1	278.2	282.1	283.7	288.6	288.1	288.6	288.6	286.4	285.3	283.7
57.5°	245.0	245.5	247.7	248.2	251.0	249.9	249.3	248.2	245.0	244.4	242.8
60°	213.3	212.2	217.1	213.3	215.5	213.3	212.8	210.0	206.8	206.2	205.1
62.5°	183.3	181.1	184.4	182.8	183.9	181.7	180.6	177.3	174.6	174.0	173.5
65°	156.6	155.5	158.8	158.2	159.3	156.6	155.5	153.3	151.1	150.6	150.0
67.5°	134.2	136.9	138.6	138.6	139.7	139.1	136.4	135.8	135.3	133.1	133.1
70°	117.8	119.5	122.8	123.3	122.8	123.8	121.7	121.1	120.6	119.5	118.9
72.5°	104.8	106.9	110.2	110.8	110.2	110.2	109.1	108.6	108.6	106.9	106.9
75°	94.4	97.1	99.8	99.8	99.8	98.7	97.7	97.7	96.6	96.0	94.9
77.5°	85.7	88.9	91.1	90.6	90.0	88.9	88.9	87.3	85.7	85.7	84.6
80°	79.1	81.3	82.9	82.4	81.8	80.2	79.7	78.0	76.9	75.3	75.3
82.5°	72.0	74.7	75.8	75.3	74.2	72.6	72.0	70.9	69.8	69.3	68.2
85°	66.0	68.7	69.3	68.2	67.1	66.0	65.5	64.9	64.4	63.3	63.3
87.5°	60.0	62.7	62.7	62.2	61.1	60.6	60.0	59.5	58.9	58.4	57.8
90°	55.1	57.3	57.3	56.7	56.2	55.6	55.1	54.6	54.0	53.5	53.5
92.5°	50.2	52.4	52.4	51.8	51.3	50.7	50.7	50.2	49.6	49.1	48.6
95°	45.8	48.0	48.0	48.0	47.5	46.9	46.9	46.4	45.8	45.8	45.3
97.5°	41.5	43.6	43.6	43.6	43.1	42.6	42.6	42.0	42.0	42.0	41.5
100°	37.6	39.3	39.8	39.8	39.3	39.3	39.3	38.7	38.7	38.7	38.2
102.5°	33.8	35.5	36.6	36.6	36.6	36.0	36.0	36.0	36.0	36.0	35.5
105°	30.6	32.2	33.3	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
107.5°	27.8	29.5	30.6	31.1	31.6	31.6	32.2	32.2	32.2	32.2	32.2
110°	25.1	26.7	28.4	28.9	29.5	30.0	30.0	30.6	30.0	30.0	30.0

TEST NUMBER: P1214037

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	22.4	24.6	25.6	26.7	27.3	27.8	28.4	28.4	28.4	28.4	28.4
115°	20.2	22.4	23.5	24.6	25.6	26.2	26.2	26.7	26.7	26.7	26.2
117.5°	18.0	20.2	21.3	22.4	22.9	24.0	24.6	24.6	24.6	24.6	24.0
120°	16.4	18.0	19.1	20.2	21.3	21.8	22.4	22.4	22.4	22.4	22.4
122.5°	14.2	15.8	17.5	18.5	19.1	19.6	20.2	20.2	20.2	20.2	20.2
125°	12.5	14.2	15.3	16.4	16.9	18.0	18.0	18.0	18.0	18.0	18.0
127.5°	10.9	12.5	13.6	14.7	15.3	15.8	16.4	16.4	16.4	16.4	16.4
130°	9.3	10.9	12.0	13.1	13.6	14.2	14.2	14.7	14.7	14.7	14.7
132.5°	8.2	9.3	10.4	11.5	12.0	12.5	12.5	13.1	13.1	13.1	13.1
135°	6.5	8.2	8.7	9.8	10.4	10.9	10.9	11.5	11.5	11.5	11.5
137.5°	5.5	6.5	7.6	8.7	9.3	9.3	9.8	9.8	10.4	10.4	10.4
140°	4.4	4.9	6.5	7.1	7.6	8.2	8.7	8.7	8.7	8.7	8.7
142.5°	3.3	4.4	4.9	6.0	6.5	7.1	7.6	7.6	7.6	7.6	7.6
145°	2.7	3.3	3.8	4.9	5.5	6.0	6.5	6.5	6.5	6.5	6.5
147.5°	2.2	2.7	3.3	3.8	4.4	4.9	5.5	5.5	5.5	5.5	5.5
150°	1.6	2.2	2.7	2.7	3.3	3.8	4.4	4.9	4.9	4.9	4.9
152.5°	1.6	1.6	2.2	2.2	2.7	3.3	3.8	3.8	3.8	3.8	3.8
155°	1.1	1.6	1.6	1.6	2.2	2.2	2.7	3.3	3.3	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: P1214037

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2
2.5°	1056.2	1058.4	1057.3	1055.7	1055.1	1057.9	1055.1	1042.6	1047.5	1048.1	1051.9
5°	1054.6	1056.2	1055.1	1054.1	1052.4	1055.7	1052.4	1039.3	1044.2	1044.8	1048.6
7.5°	1065.5	1066.1	1066.1	1063.3	1059.0	1060.6	1056.2	1041.5	1044.2	1044.2	1047.0
10°	1092.8	1093.9	1095.5	1088.4	1083.0	1078.6	1072.6	1054.6	1054.1	1049.7	1049.7
12.5°	1128.3	1125.5	1122.8	1119.5	1115.2	1109.7	1101.0	1079.7	1072.6	1065.5	1058.4
15°	1138.6	1137.5	1137.0	1135.3	1132.6	1131.0	1124.4	1103.2	1092.8	1084.1	1071.5
17.5°	1111.3	1113.5	1120.6	1121.2	1124.4	1131.0	1129.9	1115.2	1105.9	1102.1	1086.8
20°	1062.2	1062.8	1071.5	1075.3	1089.5	1100.4	1108.6	1107.0	1104.8	1109.2	1097.7
22.5°	1003.3	1007.1	1016.4	1022.4	1036.1	1048.6	1061.7	1068.8	1080.2	1098.2	1096.1
25°	923.1	928.0	941.1	950.9	970.0	989.1	1006.6	1019.1	1032.8	1067.1	1078.6
27.5°	827.1	834.7	851.6	861.5	888.2	907.8	932.9	957.5	976.6	1015.9	1039.3
30°	726.2	732.7	750.7	764.4	787.3	814.0	845.6	880.6	912.2	952.0	981.5
32.5°	631.8	638.9	653.6	665.6	691.2	713.6	748.5	791.6	821.1	876.2	915.5
35°	549.4	555.9	566.3	576.7	598.0	620.9	650.9	692.9	730.5	787.8	837.5
37.5°	491.6	492.7	498.7	504.7	520.5	537.9	561.4	598.5	633.4	695.1	749.6
40°	450.1	450.1	453.4	455.0	462.1	472.5	487.2	516.1	545.0	592.0	658.5
42.5°	424.5	423.4	423.4	423.9	423.4	428.3	437.0	450.6	476.3	515.0	566.9
45°	405.4	403.2	401.5	397.7	395.5	395.5	396.1	401.0	415.7	440.8	482.8
47.5°	384.1	383.5	380.8	376.4	372.6	369.9	365.5	363.9	368.3	382.4	410.8
50°	359.5	356.8	354.1	350.8	346.4	343.7	335.5	336.1	332.3	338.8	353.5
52.5°	323.5	321.3	320.3	317.5	315.9	314.8	308.3	301.7	300.1	301.2	306.6
55°	283.7	284.8	280.4	282.6	282.1	277.2	274.4	269.5	267.9	267.3	270.1
57.5°	242.2	243.3	240.6	242.8	242.8	240.1	238.4	238.4	234.6	231.3	235.1
60°	204.6	202.4	204.0	206.8	206.8	205.1	204.0	204.0	201.3	200.2	203.0
62.5°	174.0	171.9	173.5	176.2	176.8	175.7	174.6	174.6	171.3	171.3	173.5
65°	150.6	151.1	150.6	152.8	152.8	153.3	152.2	151.1	147.3	148.9	148.4
67.5°	133.7	133.1	133.1	135.3	134.8	135.8	134.8	133.1	130.4	128.2	127.7
70°	119.5	118.9	118.9	120.0	120.6	120.6	120.0	118.9	115.1	112.9	111.3
72.5°	106.9	106.4	106.9	107.5	108.0	108.6	108.0	106.9	103.7	100.9	98.2
75°	95.5	94.9	96.6	96.6	97.1	97.1	97.7	97.1	94.4	91.1	87.8
77.5°	84.0	84.6	86.2	86.7	87.8	88.4	88.9	88.9	86.2	83.5	79.1
80°	74.7	75.8	76.9	77.5	78.6	80.2	80.7	81.3	79.1	76.4	71.5
82.5°	68.2	68.7	69.8	70.4	72.0	72.6	73.1	74.2	73.1	70.4	64.9
85°	62.7	63.3	64.4	64.4	65.5	66.6	67.1	67.7	67.1	64.4	58.9
87.5°	57.8	58.4	58.9	59.5	60.0	60.6	61.1	61.7	61.1	58.4	53.5
90°	53.5	53.5	54.0	54.0	54.6	55.1	56.2	56.2	55.6	53.5	48.6
92.5°	48.6	49.1	49.1	49.6	50.2	50.7	51.3	51.3	50.7	48.6	44.2
95°	45.3	45.3	45.8	45.8	46.4	46.4	46.9	46.9	46.4	44.2	39.8
97.5°	41.5	41.5	41.5	41.5	42.0	42.0	42.6	42.6	42.0	39.8	36.0
100°	38.2	38.2	38.2	38.2	38.2	38.7	38.7	38.7	38.2	36.0	32.2
102.5°	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	34.4	32.7	28.9
105°	33.8	33.8	33.8	33.3	33.3	33.3	32.7	32.7	31.1	29.5	26.2
107.5°	31.6	31.6	31.6	31.1	31.1	30.6	30.0	30.0	28.4	26.7	23.5
110°	30.0	30.0	30.0	29.5	28.9	28.4	27.8	27.3	25.6	23.5	20.7

TEST NUMBER: P1214037

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	28.4	28.4	27.8	27.8	27.3	26.7	25.6	25.1	23.5	21.3	18.5
115°	26.2	26.2	26.2	25.6	25.1	24.6	24.0	22.9	21.3	19.1	16.4
117.5°	24.0	24.0	24.0	23.5	22.9	22.4	21.8	20.7	19.1	16.9	14.7
120°	21.8	21.8	21.8	21.3	20.7	20.2	19.6	18.5	16.9	15.3	12.5
122.5°	20.2	20.2	19.6	19.1	18.5	18.0	17.5	16.4	15.3	13.1	10.9
125°	18.0	18.0	17.5	17.5	16.9	16.4	15.8	14.7	13.1	11.5	9.8
127.5°	16.4	15.8	15.8	15.8	15.3	14.7	13.6	13.1	11.5	9.8	8.2
130°	14.2	14.2	14.2	13.6	13.6	13.1	12.0	10.9	9.8	8.7	7.1
132.5°	12.5	12.5	12.5	12.5	12.0	11.5	10.4	9.8	8.7	7.1	6.0
135°	11.5	11.5	10.9	10.9	10.4	9.8	9.3	8.2	7.1	6.0	4.9
137.5°	9.8	9.8	9.8	9.3	9.3	8.7	7.6	7.1	6.5	5.5	4.4
140°	8.7	8.7	8.2	8.2	7.6	7.6	7.1	6.0	5.5	4.4	3.8
142.5°	7.6	7.6	7.1	7.1	6.5	6.5	6.0	5.5	4.4	3.8	2.7
145°	6.5	6.5	6.0	6.0	6.0	5.5	4.9	4.4	3.8	3.3	2.7
147.5°	5.5	5.5	5.5	4.9	4.9	4.4	4.4	3.8	3.3	2.7	2.2
150°	4.9	4.9	4.4	4.4	4.4	3.8	3.3	3.3	2.7	2.2	1.6
152.5°	3.8	3.8	3.8	3.8	3.3	3.3	2.7	2.7	2.2	1.6	1.6
155°	3.3	3.3	3.3	2.7	2.7	2.7	2.2	2.2	1.6	1.6	1.1
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: P1214037

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2	1056.2
2.5°	1050.2	1049.7	1054.6	1054.1	1047.5	1057.3	1063.9
5°	1047.5	1047.0	1051.3	1052.4	1045.3	1055.7	1062.8
7.5°	1045.3	1044.8	1049.7	1051.3	1044.2	1053.5	1061.1
10°	1045.9	1043.1	1047.5	1048.6	1042.1	1051.9	1058.4
12.5°	1049.7	1043.1	1044.8	1044.8	1038.8	1047.5	1054.6
15°	1059.0	1045.3	1043.1	1041.5	1033.9	1042.1	1049.1
17.5°	1069.3	1050.8	1043.1	1037.7	1028.4	1035.5	1043.1
20°	1079.7	1056.8	1044.2	1035.5	1023.0	1029.5	1035.0
22.5°	1084.6	1062.2	1045.3	1032.2	1016.4	1019.7	1025.7
25°	1078.1	1060.1	1043.1	1027.3	1008.2	1008.8	1013.7
27.5°	1054.1	1049.1	1038.2	1022.4	1001.7	999.0	1002.8
30°	1013.1	1026.8	1027.3	1015.9	994.0	988.6	990.2
32.5°	955.9	986.4	1004.4	1002.2	983.1	975.5	976.6
35°	889.8	928.0	967.3	980.4	966.8	960.8	958.6
37.5°	810.7	862.0	914.4	946.6	944.4	940.6	938.4
40°	723.4	785.1	847.3	898.6	914.4	914.4	915.5
42.5°	630.1	702.2	770.4	835.3	872.4	880.6	883.8
45°	540.1	612.7	686.9	761.6	811.3	836.9	846.2
47.5°	458.3	531.4	601.8	683.6	749.6	782.9	797.6
50°	388.5	443.0	517.2	598.5	670.5	711.4	740.3
52.5°	330.6	373.2	438.1	513.9	586.5	642.7	669.4
55°	282.1	311.0	366.1	431.6	500.8	559.2	590.3
57.5°	241.1	264.1	301.7	356.3	414.6	472.5	505.7
60°	205.1	221.0	246.6	289.7	339.3	389.0	421.2
62.5°	174.0	184.4	201.3	233.0	271.7	310.4	340.4
65°	150.0	154.4	163.7	183.3	212.8	242.2	267.9
67.5°	126.6	129.3	136.4	148.4	163.1	184.4	201.3
70°	109.1	109.1	109.7	116.8	124.4	138.0	150.0
72.5°	94.9	93.3	90.0	91.7	93.3	100.9	108.6
75°	83.5	79.7	74.2	72.0	70.9	72.0	76.4
77.5°	73.7	68.2	61.7	56.2	51.8	50.2	54.0
80°	65.5	58.9	51.3	44.2	37.1	33.3	34.9
82.5°	58.9	50.7	42.6	34.4	26.2	20.7	20.7
85°	51.8	44.2	35.5	26.7	18.5	11.5	10.4
87.5°	46.9	38.7	29.5	21.3	13.1	6.0	3.3
90°	42.0	33.8	25.1	16.9	9.3	2.7	0.0
92.5°	37.6	30.0	21.8	13.6	6.5	1.6	0.0
95°	33.8	26.7	18.5	11.5	5.5	1.1	0.5
97.5°	30.0	23.5	16.4	9.3	3.8	1.1	0.5
100°	27.3	20.7	14.2	7.6	3.3	0.5	0.5
102.5°	24.0	18.5	12.0	6.5	2.7	0.5	0.5
105°	21.3	16.4	10.4	5.5	2.2	0.5	0.5
107.5°	19.1	14.2	9.3	4.9	2.2	0.5	0.5
110°	16.9	12.5	8.2	4.4	1.6	0.5	0.5



TEST NUMBER: P1214037

CATALOG NUMBER: 2SNLED-LD5-26SL-LC-UNV-L950-CD1-U

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	15.3	10.9	7.1	3.8	1.1	0.5	0.5
115°	13.1	9.8	6.0	3.3	1.1	0.5	0.5
117.5°	11.5	8.2	5.5	2.7	1.1	0.5	0.5
120°	9.8	7.1	4.4	2.2	0.5	0.5	0.5
122.5°	8.7	6.0	3.8	2.2	0.5	0.5	0.5
125°	7.6	5.5	3.3	1.6	0.5	0.5	0.5
127.5°	6.5	4.4	2.7	1.1	0.5	0.5	0.5
130°	5.5	3.8	2.2	1.1	0.5	0.5	0.5
132.5°	4.4	3.3	2.2	1.1	0.5	0.5	0.5
135°	3.8	2.7	1.6	1.1	0.5	0.5	0.5
137.5°	3.3	2.2	1.1	1.1	1.1	0.5	0.5
140°	2.7	1.6	1.1	1.1	1.1	1.1	0.5
142.5°	2.2	1.6	1.1	1.1	1.1	1.1	0.5
145°	1.6	1.1	1.1	1.1	1.1	1.1	0.5
147.5°	1.6	1.1	1.1	1.1	1.1	1.1	0.5
150°	1.1	1.1	1.1	1.1	1.1	1.1	1.1
152.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1
155°	1.1	1.1	1.1	1.1	1.1	1.1	1.1
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)