

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: P1214038

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

Issue Date: 3/29/2018

Test Information

Test Method: LM-79-2019
Report Number: P1214038
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (P33519)
Test Lab: INNOVATIONS CENTER-P3
Issue Date: 3/29/2018
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: METALUX
Catalog Number: 2SNLED-LD5-26SL-LN-UNV-L950-CD1-U
Description: 2FT LINEAR SNLED LED FIXTURE
NARROW LENS
Light Source: -
Ballast/Driver: -

Summary

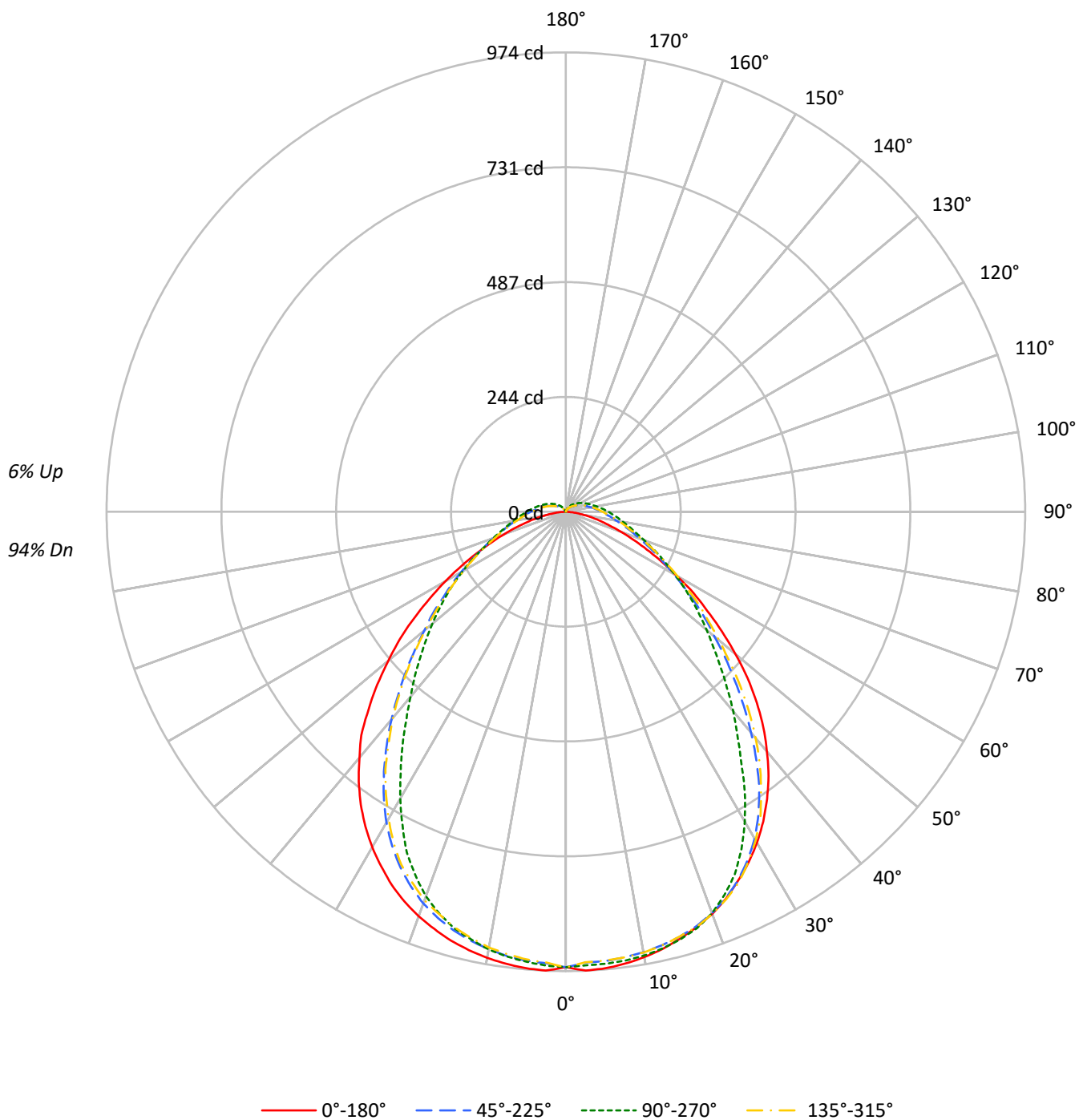
Lumens per Lamp: N/A
Luminaire Lumens: 2444.0 lumens
Efficiency: N/A
Efficacy: 116.4 lumens/watt
Spacing Criteria (0/90/45): 1.25 / 1.14 / 1.24
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 2' x H: 0.12')
CIE Type: Direct

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



TEST NUMBER: P1214038

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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	114	114	114	114	108	108	108	102	102	102	96	96	96	94		
1	107	103	98	95	104	100	96	92	94	91	88	89	87	85	85	83	81	79		
2	98	90	84	78	95	88	82	77	83	78	74	79	75	72	75	72	69	67		
3	90	80	72	66	87	78	71	65	74	68	63	71	66	61	67	63	60	57		
4	83	72	63	57	80	70	62	56	67	60	55	64	58	53	61	56	52	50		
5	77	64	56	50	74	63	55	49	60	53	48	58	52	47	55	50	46	44		
6	71	58	50	44	69	57	49	43	55	48	42	52	46	42	50	45	41	39		
7	66	53	45	39	64	52	44	39	50	43	38	48	42	37	46	41	37	35		
8	62	49	41	35	60	48	40	35	46	39	34	44	38	34	43	37	33	31		
9	58	45	37	32	56	44	37	31	42	36	31	41	35	30	40	34	30	28		
10	54	42	34	29	53	41	34	29	39	33	28	38	32	28	37	31	27	26		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15608	15608	15608	15608
5°	15677	15111	15677	15045
10°	15564	14709	15590	14506
15°	15420	14270	15491	13899
20°	15258	13705	15347	13127
25°	14966	12867	15132	12109
30°	14601	11636	14792	10772
35°	14058	10126	14328	9427
40°	13301	8855	13652	8216
45°	12318	7698	12718	7256
50°	11001	6765	11485	6422
55°	9455	5973	10141	5672
60°	7887	5244	8598	4942
65°	6394	4638	7041	4299
70°	5013	4115	5614	3806
75°	3848	3800	4329	3496
80°	2666	3665	3140	3349
85°	1493	3687	2012	3389

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 180°

Vertical Angle: 45°

Luminance: 12718 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	91.6	3.7
10°-20°	262.5	10.7
20°-30°	389.1	15.9
30°-40°	432.3	17.7
40°-50°	391.8	16.0
50°-60°	303.6	12.4
60°-70°	206.2	8.4
70°-80°	131.2	5.4
80°-90°	83.9	3.4
90°-100°	56.5	2.3
100°-110°	38.7	1.6
110°-120°	25.8	1.1
120°-130°	16.1	0.7
130°-140°	8.9	0.4
140°-150°	4.2	0.2
150°-160°	1.5	0.1
160°-170°	0.1	0.0
170°-180°	0.0	0.0
0°-30°	743.2	30.4
0°-40°	1175.4	48.1
0°-60°	1870.9	76.6
0°-90°	2292.1	93.8
90°-120°	121.1	5.0
90°-150°	150.2	6.1
90°-180°	152.0	6.2
0°-180°	2444.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	966	966	966	966	966	
5°	972	962	972	958	972	92
15°	937	939	941	914	937	264
25°	864	848	873	798	864	398
35°	744	648	758	603	744	464
45°	573	463	591	437	573	440
55°	366	326	392	309	366	329
65°	190	219	209	203	190	190
75°	76	146	86	134	76	82
85°	14	105	19	97	14	17
90°	0	91	1	83	0	1
95°	0	78	0	72	0	0
105°	0	57	0	54	0	1
115°	0	43	0	40	0	0
125°	0	32	0	28	0	0
135°	0	22	0	18	0	0
145°	0	14	0	10	0	0
155°	0	8	0	4	0	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°	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7
2.5°	973.7	972.6	971.6	970.0	971.6	975.8	973.2	967.3	966.3	956.7	960.9
5°	971.6	970.0	968.9	967.3	969.4	974.8	972.1	966.8	965.2	956.2	960.9
7.5°	966.3	965.2	963.6	963.6	965.7	971.0	968.9	963.1	962.0	953.0	958.3
10°	958.8	958.3	957.2	957.2	959.4	965.7	963.1	957.8	956.7	948.2	954.0
12.5°	949.3	949.8	948.2	948.2	951.4	957.8	955.6	949.8	948.7	941.3	947.1
15°	937.0	937.6	936.5	937.0	940.2	947.7	945.0	939.7	938.6	932.8	937.6
17.5°	923.2	923.8	923.8	923.2	926.9	934.4	932.3	927.5	925.9	921.1	926.9
20°	907.3	907.3	907.3	907.3	911.5	919.0	916.3	912.6	909.4	905.7	910.5
22.5°	887.6	887.1	887.6	889.2	893.5	899.3	897.7	893.5	888.7	886.6	890.3
25°	863.7	865.3	865.9	867.5	872.8	877.5	876.0	871.7	864.3	862.7	863.7
27.5°	838.8	839.8	841.4	840.9	848.3	853.1	849.9	846.2	835.6	834.0	832.9
30°	810.6	812.2	813.3	812.7	818.6	823.9	820.7	815.9	801.6	800.5	792.0
32.5°	778.7	780.3	781.4	781.4	789.9	792.0	786.2	779.3	763.9	760.2	752.7
35°	743.7	745.3	745.8	745.8	754.3	753.8	746.3	736.8	719.8	715.0	702.3
37.5°	706.0	707.0	707.6	710.7	714.5	711.3	701.7	689.5	676.8	663.5	649.7
40°	663.5	665.1	666.1	668.3	672.0	668.3	654.4	639.6	625.8	610.9	597.1
42.5°	619.9	624.7	623.6	623.1	625.2	615.1	604.5	587.5	573.7	558.3	544.5
45°	572.6	572.1	574.8	575.8	575.3	566.8	551.9	536.5	522.7	506.8	495.1
47.5°	522.7	522.2	524.3	525.4	522.2	513.1	501.5	483.9	472.2	458.4	449.4
50°	470.1	470.1	473.3	470.1	468.5	459.5	449.9	432.4	423.4	411.2	405.8
52.5°	417.5	422.3	419.1	418.1	416.5	407.4	400.0	385.7	378.2	372.9	366.5
55°	365.5	370.8	368.7	367.1	366.5	359.1	352.2	341.6	336.8	333.1	329.3
57.5°	321.4	320.8	319.8	318.2	318.7	312.9	306.0	300.1	298.0	296.4	297.5
60°	270.4	274.6	273.0	273.6	274.1	273.0	267.2	263.5	264.0	264.5	266.1
62.5°	228.4	232.1	234.8	232.7	233.7	235.3	232.1	231.1	233.2	235.3	237.4
65°	189.6	193.4	196.0	195.5	198.7	201.9	201.3	202.4	207.2	209.8	212.5
67.5°	154.6	158.3	162.0	162.5	167.3	172.1	174.2	178.0	183.3	187.0	190.2
70°	124.3	127.5	131.7	134.4	140.8	147.1	150.9	158.3	161.5	166.8	168.9
72.5°	97.2	99.9	105.7	112.1	117.4	125.4	132.8	139.2	144.0	149.8	152.5
75°	76.0	77.0	83.4	90.8	98.3	107.3	115.3	122.2	128.6	134.4	138.6
77.5°	55.8	57.4	63.2	73.3	81.8	91.4	100.4	107.8	114.7	120.6	126.4
80°	38.8	42.0	48.3	58.4	68.0	78.6	87.1	95.6	103.1	108.9	114.7
82.5°	25.0	27.6	36.7	46.7	56.8	67.5	76.5	85.0	93.0	99.3	104.6
85°	13.8	17.5	26.6	37.2	47.3	57.9	67.5	76.0	83.9	89.8	95.1
87.5°	5.3	10.6	19.1	29.2	39.3	49.4	59.5	67.5	75.4	81.8	86.6
90°	0.0	6.4	14.3	24.4	34.5	44.6	54.2	62.7	70.1	76.0	81.3
92.5°	0.5	4.2	11.2	19.7	29.2	38.8	47.8	56.3	63.7	69.6	74.4
95°	0.5	3.2	9.0	17.0	25.5	34.5	43.0	51.0	57.9	63.7	68.5
97.5°	0.5	2.1	7.4	14.9	22.3	31.3	39.3	46.7	53.1	59.0	62.7
100°	0.5	2.1	6.4	12.7	20.2	28.2	35.6	43.0	48.9	53.7	57.9
102.5°	0.5	1.6	5.3	11.2	18.1	25.0	32.4	39.3	44.6	49.4	53.7
105°	0.5	1.6	4.8	9.6	15.9	22.8	29.2	35.6	41.4	45.7	49.4
107.5°	0.5	1.1	4.2	8.0	13.8	20.7	27.1	32.4	37.7	42.0	45.7
110°	0.5	1.1	3.7	7.4	12.2	18.6	24.4	29.7	34.5	38.8	42.0

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CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	25°	30°	35°	40°	45°	50°
112.5°	0.5	1.1	3.2	6.9	11.2	16.5	22.3	27.1	31.9	35.6	38.8
115°	0.5	1.1	3.2	6.4	10.1	14.3	19.7	25.0	28.7	32.9	35.6
117.5°	0.5	1.1	2.7	5.3	9.6	13.3	18.1	22.3	26.6	30.3	32.9
120°	0.5	1.1	2.7	4.8	8.5	12.2	15.9	20.2	24.4	27.1	29.7
122.5°	0.5	1.1	2.1	4.8	7.4	11.2	14.3	18.1	21.8	25.0	27.6
125°	0.5	1.1	2.1	4.2	6.9	10.1	13.3	15.9	19.7	22.3	25.0
127.5°	0.5	1.1	2.1	3.7	6.4	9.0	12.2	14.9	17.5	20.2	22.3
130°	0.5	1.1	1.6	3.2	5.8	8.0	10.6	13.8	15.9	18.1	20.2
132.5°	0.5	1.1	1.6	3.2	4.8	6.9	9.6	12.2	14.3	16.5	18.1
135°	0.5	1.1	1.6	2.7	4.2	6.4	8.0	10.6	12.7	14.9	16.5
137.5°	0.5	1.1	1.6	2.7	3.7	5.3	6.9	9.0	11.2	12.7	14.9
140°	0.5	1.1	1.6	2.1	3.2	4.8	6.4	7.4	9.6	11.2	12.7
142.5°	0.5	1.1	1.6	2.1	3.2	4.2	5.3	6.4	8.0	9.6	11.2
145°	0.5	1.1	1.6	2.1	2.7	3.7	4.8	5.8	6.4	8.0	9.0
147.5°	0.5	1.1	1.6	2.1	2.1	3.2	4.2	4.8	5.8	6.4	7.4
150°	0.5	1.1	1.6	1.6	2.1	2.7	3.7	4.2	4.8	5.8	6.4
152.5°	0.5	1.1	1.6	1.6	2.1	2.7	3.2	3.7	4.2	4.8	5.3
155°	0.5	1.1	1.6	1.6	1.6	2.1	2.7	3.2	3.7	4.2	4.8
157.5°	1.1	1.1	1.1	1.6	1.6	2.1	2.1	2.7	3.2	3.2	3.7
160°	1.1	1.1	1.1	1.6	1.6	1.6	2.1	2.1	2.7	2.7	3.2
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°	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7
2.5°	959.9	961.5	966.3	966.3	965.2	964.1	964.1	962.5	963.6	965.7	964.7
5°	959.9	961.5	966.3	966.3	965.2	964.1	963.6	962.0	963.6	965.7	964.7
7.5°	956.7	958.8	963.6	963.6	962.5	962.0	960.9	959.9	961.5	963.6	962.5
10°	952.4	954.6	959.4	959.4	958.3	958.3	956.7	955.6	957.8	959.4	958.8
12.5°	946.1	948.7	953.0	952.4	951.4	951.9	950.3	948.2	950.3	951.9	952.4
15°	937.0	940.2	944.5	943.4	941.8	942.9	940.2	938.6	940.2	943.4	942.9
17.5°	925.4	927.5	930.7	930.7	929.1	928.0	926.9	925.4	926.4	928.5	929.1
20°	908.9	911.5	913.1	911.5	911.0	909.4	907.3	905.7	907.8	911.0	911.5
22.5°	887.1	887.6	891.4	887.6	885.0	884.5	882.3	879.1	882.3	885.0	885.5
25°	860.0	862.7	861.1	854.7	854.7	850.5	849.4	847.8	848.3	853.1	855.2
27.5°	825.5	826.6	822.3	817.0	812.2	809.6	805.8	806.4	806.4	812.7	814.9
30°	787.8	781.9	778.2	769.7	766.0	759.6	758.6	758.6	757.5	760.7	770.2
32.5°	742.6	734.7	728.8	720.8	714.5	708.1	704.9	706.5	706.0	713.9	717.1
35°	693.2	688.4	676.2	666.1	662.4	652.8	652.8	648.1	651.3	660.3	664.0
37.5°	641.2	633.7	623.6	612.5	609.8	602.4	599.7	597.1	604.0	605.6	609.3
40°	588.0	581.1	571.6	561.0	561.0	551.9	551.9	551.9	552.5	555.6	562.5
42.5°	537.6	530.1	521.6	514.2	513.1	506.2	506.2	505.7	506.8	509.4	515.8
45°	488.7	482.9	473.8	470.1	470.6	463.2	464.8	463.2	465.3	468.0	470.1
47.5°	443.6	439.8	436.1	430.8	429.2	428.7	426.0	423.9	427.6	427.6	430.8
50°	401.6	399.5	397.3	394.2	394.7	392.6	389.4	389.4	392.0	392.6	394.7
52.5°	364.9	362.3	359.6	360.2	360.7	359.6	358.0	356.4	358.0	359.1	361.7
55°	328.3	326.2	328.8	327.8	328.8	327.8	326.7	325.6	328.3	326.7	329.3
57.5°	295.3	297.5	298.5	296.4	298.0	296.9	297.5	295.9	298.0	299.1	298.5
60°	265.1	268.3	266.7	267.2	269.3	268.3	266.1	267.7	269.9	270.4	269.9
62.5°	237.4	241.2	242.8	241.7	242.2	241.2	242.8	240.6	243.3	244.4	242.8
65°	212.5	216.7	217.8	217.8	217.8	216.7	218.3	218.9	219.9	219.9	218.9
67.5°	191.2	195.0	196.0	197.1	196.0	195.0	195.0	195.5	197.6	198.7	197.6
70°	172.1	175.8	176.4	176.4	176.9	178.0	175.8	176.9	178.5	179.0	178.5
72.5°	155.6	159.4	160.4	159.9	160.4	161.0	161.0	159.9	161.5	162.5	162.5
75°	142.4	144.5	145.5	145.5	146.1	146.6	146.6	146.1	147.1	147.7	148.2
77.5°	130.1	131.7	133.3	133.3	133.9	133.3	134.4	134.4	134.9	135.5	136.0
80°	117.9	120.1	121.1	121.6	122.7	123.2	123.2	123.2	123.8	124.3	124.3
82.5°	108.4	110.0	111.6	113.1	113.1	113.7	113.7	113.7	114.2	114.2	114.7
85°	98.8	100.9	102.5	103.6	104.1	104.6	104.6	105.2	105.2	105.2	105.7
87.5°	90.3	93.0	94.0	95.1	95.6	96.7	96.7	96.7	97.2	97.2	97.2
90°	84.5	87.1	88.2	89.2	89.8	90.3	90.3	90.8	90.8	91.4	91.4
92.5°	77.6	80.2	82.3	82.3	82.9	83.9	83.4	83.4	83.9	84.5	84.5
95°	72.2	74.4	76.0	76.5	77.0	77.0	77.0	77.6	77.0	77.6	77.6
97.5°	65.9	68.0	69.6	70.6	71.2	71.2	71.2	71.7	71.2	71.7	71.7
100°	60.6	62.7	64.3	64.8	65.9	65.9	65.9	65.9	65.9	65.9	66.4
102.5°	56.3	58.4	59.5	60.0	60.6	61.1	61.1	61.1	61.1	61.6	61.6
105°	52.1	54.2	55.2	55.8	56.3	56.8	56.8	56.8	57.4	57.4	56.8
107.5°	48.3	49.9	51.0	52.1	52.6	52.6	53.1	53.1	53.1	53.1	53.1
110°	44.6	46.2	47.8	48.9	48.9	49.4	49.4	49.9	49.9	49.4	49.9



TEST NUMBER: P1214038

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

CANDELA DISTRIBUTION (continued):

	55°	60°	65°	70°	75°	80°	85°	90°	95°	100°	105°
112.5°	40.9	43.0	44.1	45.2	45.7	46.2	46.2	46.2	46.2	46.2	46.2
115°	37.7	39.8	40.9	42.0	42.5	43.0	43.0	43.0	43.0	43.0	43.0
117.5°	35.1	37.2	38.2	38.8	39.3	39.8	40.4	40.4	40.4	40.4	39.8
120°	32.4	34.0	35.1	36.1	36.7	37.2	37.2	37.2	37.2	37.2	37.2
122.5°	29.7	31.3	32.4	33.5	34.0	34.5	34.5	34.5	34.5	34.5	34.5
125°	27.1	28.7	29.7	30.8	31.3	31.9	31.9	31.9	31.9	31.9	31.9
127.5°	24.4	26.0	27.6	28.2	28.7	29.2	29.2	29.2	29.7	29.2	29.2
130°	21.8	23.4	25.0	25.5	26.0	26.6	27.1	27.1	27.1	27.1	26.6
132.5°	19.7	21.2	22.3	22.8	23.9	23.9	24.4	24.4	24.4	24.4	23.9
135°	18.1	19.1	20.2	20.7	21.8	21.8	21.8	22.3	22.3	21.8	21.2
137.5°	15.9	17.0	18.1	18.6	19.1	19.7	19.7	20.2	19.7	19.7	19.7
140°	14.9	15.4	16.5	17.0	17.5	17.5	17.5	18.1	18.1	17.5	17.5
142.5°	12.7	13.8	14.9	15.4	15.9	15.9	15.9	15.9	15.9	15.9	15.9
145°	10.6	12.2	12.7	13.8	13.8	14.3	14.3	14.3	14.3	14.3	13.8
147.5°	9.0	10.1	11.7	12.2	12.2	12.7	12.7	12.7	12.7	12.7	12.2
150°	6.9	8.0	9.6	10.6	10.6	11.2	11.2	11.2	11.2	10.6	10.6
152.5°	5.8	6.9	7.4	8.5	9.0	9.0	9.0	9.6	9.0	9.0	9.0
155°	5.3	5.8	6.4	6.9	7.4	8.0	8.0	8.0	8.0	7.4	7.4
157.5°	4.2	4.8	5.3	5.8	6.4	6.9	6.9	6.9	6.9	6.9	6.4
160°	3.2	3.7	4.2	4.2	4.8	5.3	5.8	5.3	5.3	5.3	5.3
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: P1214038

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

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
0°	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7
2.5°	963.6	963.1	964.7	962.0	954.0	956.2	955.1	959.9	960.9	962.0	966.8
5°	963.6	963.1	964.1	962.0	953.5	955.1	954.0	958.8	959.9	960.4	965.2
7.5°	961.5	960.9	962.5	959.9	950.9	953.0	951.4	956.2	956.7	957.2	961.5
10°	957.2	956.7	957.8	955.6	946.6	948.7	946.6	951.4	951.4	952.4	955.6
12.5°	950.9	949.8	951.9	949.3	939.2	941.8	940.8	943.9	944.5	945.0	948.2
15°	941.8	940.8	942.4	940.8	931.7	932.3	930.7	935.4	936.0	934.9	938.1
17.5°	928.5	927.5	930.7	929.6	920.6	922.7	922.2	923.2	924.8	922.2	926.4
20°	912.1	913.1	914.2	914.7	907.8	907.8	907.3	909.4	911.0	908.9	912.1
22.5°	887.6	890.3	893.5	894.5	889.8	889.2	892.4	891.4	893.0	891.9	894.0
25°	856.8	862.1	865.3	868.5	865.9	866.9	871.7	872.8	872.8	872.2	874.4
27.5°	818.6	825.5	831.3	838.2	835.6	837.7	845.7	846.7	848.9	846.7	851.0
30°	772.9	779.3	790.4	800.5	801.6	804.8	815.9	817.0	822.8	820.7	822.3
32.5°	727.2	730.4	743.2	753.2	759.6	767.6	779.8	781.9	789.9	791.5	791.5
35°	669.8	678.9	690.6	704.9	712.9	721.4	737.8	741.0	752.7	756.4	760.7
37.5°	621.5	630.0	637.4	652.3	666.7	676.2	689.5	697.5	709.7	716.6	721.9
40°	570.0	576.9	584.9	599.7	611.9	626.3	639.6	649.1	664.5	672.5	679.4
42.5°	521.1	526.4	534.9	545.5	558.3	574.2	587.0	598.1	614.6	625.8	633.7
45°	477.6	480.7	488.2	496.1	507.3	523.8	536.0	550.3	563.6	575.3	584.9
47.5°	436.6	440.9	444.6	449.9	460.0	470.1	484.5	498.3	511.5	524.3	533.9
50°	398.9	398.9	404.8	408.5	415.4	424.4	435.6	445.1	461.6	470.6	482.9
52.5°	362.3	364.4	367.6	369.7	375.0	380.9	389.9	397.9	411.7	420.2	431.9
55°	329.9	332.0	333.6	334.7	337.8	344.8	347.9	354.3	363.9	370.8	380.9
57.5°	299.1	300.1	301.7	302.3	302.8	307.0	309.7	311.3	320.8	327.8	336.3
60°	270.9	270.9	272.5	272.0	271.4	273.6	273.0	274.6	280.5	284.7	288.4
62.5°	244.4	244.4	244.9	243.8	243.3	243.3	241.2	242.8	244.4	244.9	247.5
65°	219.9	222.6	220.4	221.0	217.8	216.7	215.7	212.5	211.9	209.8	210.9
67.5°	198.1	200.3	198.1	198.1	195.5	193.4	190.7	185.4	183.8	179.5	178.5
70°	180.6	179.0	180.1	178.5	175.3	172.6	168.9	164.7	159.4	154.0	150.3
72.5°	163.6	163.6	162.5	161.0	159.4	154.0	149.8	145.0	138.6	131.7	126.4
75°	147.1	147.7	147.7	146.1	143.4	138.6	133.9	127.0	120.1	112.1	105.2
77.5°	135.5	135.5	135.5	132.8	130.1	125.9	120.1	112.6	105.2	95.6	87.6
80°	124.3	123.8	123.8	120.6	117.9	113.1	107.3	99.9	91.9	81.8	72.8
82.5°	115.3	114.7	113.7	111.0	107.3	102.5	96.7	88.7	80.2	71.2	60.0
85°	105.7	105.2	104.1	101.5	97.7	93.5	87.1	79.1	70.6	60.6	49.9
87.5°	97.2	96.7	95.1	93.5	89.2	84.5	78.1	70.6	61.6	52.1	41.4
90°	91.4	90.3	89.2	87.1	83.4	78.1	71.7	63.7	54.7	45.2	34.5
92.5°	84.5	83.9	82.3	80.2	77.0	71.7	65.3	57.9	48.9	39.8	29.7
95°	77.6	77.0	76.0	73.8	70.6	65.9	60.0	52.6	44.1	35.1	26.0
97.5°	71.2	71.2	69.6	68.0	64.3	60.6	54.7	47.8	39.8	31.9	23.4
100°	65.9	65.9	64.3	62.2	59.5	55.8	49.9	43.6	36.1	28.7	20.2
102.5°	61.1	60.6	59.5	57.4	54.7	51.0	45.7	39.8	32.9	25.5	18.1
105°	56.8	56.3	55.2	53.1	51.0	46.7	42.5	36.7	29.7	22.8	15.9
107.5°	52.6	52.1	51.5	49.4	46.7	43.0	38.8	32.9	27.1	20.7	14.3
110°	48.9	48.3	47.3	45.2	42.5	39.3	35.1	30.3	24.4	18.6	12.7

TEST NUMBER: P1214038

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

CANDELA DISTRIBUTION (continued):

	110°	115°	120°	125°	130°	135°	140°	145°	150°	155°	160°
112.5°	45.7	45.2	44.1	42.0	39.8	36.1	32.4	27.1	22.3	17.0	11.2
115°	42.5	42.0	40.9	38.8	36.1	32.9	29.2	25.0	19.7	14.9	10.1
117.5°	39.3	38.8	37.7	36.1	33.5	30.3	26.6	22.3	17.5	13.8	9.0
120°	36.7	35.6	34.5	32.9	30.3	27.6	23.9	20.2	15.9	12.2	8.0
122.5°	34.0	32.9	31.9	30.3	27.6	25.0	21.2	18.1	14.9	11.2	7.4
125°	30.8	30.3	29.2	27.6	25.0	22.3	19.7	16.5	13.3	10.1	6.4
127.5°	28.2	27.6	26.6	24.4	22.3	20.2	17.5	14.9	11.7	8.5	5.8
130°	26.0	25.0	23.9	22.3	20.7	18.6	15.9	13.3	10.6	7.4	5.3
132.5°	23.4	22.3	21.2	20.2	18.6	16.5	14.3	11.7	9.6	6.9	4.8
135°	21.2	20.2	19.1	18.1	16.5	14.9	12.7	10.6	8.5	6.4	4.2
137.5°	18.6	18.1	17.5	16.5	14.9	13.3	11.7	9.0	7.4	5.8	3.7
140°	17.0	16.5	15.9	14.3	13.3	11.7	10.1	8.0	6.4	4.8	3.2
142.5°	15.4	14.9	13.8	12.7	11.7	10.6	8.5	7.4	5.8	4.2	3.2
145°	13.3	12.7	12.2	11.2	10.1	8.5	7.4	6.4	5.3	3.7	2.7
147.5°	12.2	11.7	10.6	9.6	8.5	7.4	6.9	5.8	4.2	3.2	2.1
150°	10.1	9.6	9.0	8.0	7.4	6.9	5.8	4.8	3.7	2.7	2.1
152.5°	8.5	8.0	7.4	7.4	6.4	5.8	4.8	4.2	3.2	2.7	1.6
155°	7.4	7.4	6.9	6.4	5.3	4.8	4.2	3.2	2.7	2.1	1.6
157.5°	6.4	5.8	5.3	5.3	4.8	4.2	3.2	2.7	2.1	2.1	1.6
160°	5.3	4.8	4.8	4.2	3.7	3.2	2.7	2.7	2.1	1.6	1.6
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: P1214038

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

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
0°	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7
2.5°	967.3	961.5	966.8	973.7	973.7	972.6	971.6	973.7	979.0	976.9	970.5
5°	965.7	959.9	964.7	971.6	971.6	970.0	968.9	970.5	976.4	973.7	967.9
7.5°	962.5	957.2	960.4	966.8	966.8	965.2	964.1	966.3	971.0	968.4	962.0
10°	956.7	950.9	954.6	960.4	959.9	958.8	957.2	959.9	964.1	960.4	953.0
12.5°	949.3	943.4	946.6	951.9	951.4	949.3	948.2	949.8	953.5	951.4	943.4
15°	939.2	933.3	936.0	941.3	939.7	938.1	936.0	936.5	941.3	937.6	929.1
17.5°	926.9	920.6	922.7	927.5	925.9	924.3	921.6	922.2	927.5	922.2	913.1
20°	912.1	905.2	906.8	912.6	910.0	907.3	904.6	904.6	910.0	904.1	894.0
22.5°	896.1	889.2	890.3	894.5	892.4	887.6	885.0	886.6	889.2	881.8	871.2
25°	876.5	867.5	869.0	873.3	871.7	865.3	862.7	863.7	862.7	856.8	845.7
27.5°	853.6	844.1	845.1	847.8	845.7	839.8	836.6	837.2	835.1	827.6	814.9
30°	825.0	820.2	819.6	821.2	818.1	812.2	808.5	807.4	806.9	796.3	780.9
32.5°	795.7	791.5	788.8	791.0	787.2	781.4	775.0	775.0	769.7	759.6	746.3
35°	766.0	759.1	756.4	758.0	753.8	746.3	741.0	738.4	730.4	717.7	703.3
37.5°	727.7	723.0	719.8	721.4	716.6	711.3	701.2	698.5	690.0	672.5	654.4
40°	686.3	682.6	679.4	681.0	675.7	667.7	658.7	654.4	644.9	625.2	610.9
42.5°	641.7	640.1	636.4	642.2	631.6	623.6	614.6	607.7	598.1	576.9	560.4
45°	594.4	598.1	589.6	591.2	584.3	577.4	567.9	557.8	548.2	528.0	509.4
47.5°	544.5	547.1	541.3	542.4	534.9	528.5	520.0	507.3	496.7	479.1	462.7
50°	493.0	491.9	491.9	490.8	485.0	477.0	468.5	456.8	446.2	430.3	416.5
52.5°	438.2	440.4	441.4	444.1	436.6	431.9	418.6	408.5	400.5	384.1	372.4
55°	385.7	393.1	391.0	392.0	383.5	379.8	369.2	361.2	349.5	340.0	332.5
57.5°	337.8	339.4	340.5	342.1	338.4	330.9	322.4	316.1	307.0	299.1	293.8
60°	291.6	291.6	292.2	294.8	291.1	284.7	278.4	273.6	267.2	262.4	259.2
62.5°	248.1	251.8	252.3	250.2	245.4	242.2	238.0	235.3	231.1	229.5	228.4
65°	207.7	207.7	207.7	208.8	206.1	204.0	201.3	200.8	202.4	200.3	201.3
67.5°	173.7	172.1	171.0	171.6	170.5	169.5	168.9	170.5	173.7	173.7	176.4
70°	144.5	141.3	139.2	139.2	139.2	139.7	141.3	144.5	149.8	151.9	155.6
72.5°	120.6	113.7	110.5	110.5	111.0	113.1	117.9	123.8	128.6	132.8	137.6
75°	97.7	90.8	86.1	85.5	86.6	89.8	96.7	102.0	110.0	115.8	121.6
77.5°	79.1	70.6	64.8	64.3	65.9	70.6	79.1	86.1	95.1	101.5	107.8
80°	63.2	53.7	48.9	45.7	48.3	54.2	63.7	72.2	80.7	89.2	97.2
82.5°	50.5	41.4	34.0	30.8	34.0	42.0	51.0	61.1	69.6	78.6	86.6
85°	39.8	30.3	21.8	18.6	22.3	30.8	40.9	51.0	60.6	69.6	77.6
87.5°	31.3	21.8	13.3	9.0	13.8	22.8	32.4	42.5	52.6	61.6	69.6
90°	24.4	15.4	7.4	1.1	8.0	16.5	26.0	35.6	45.7	54.7	62.7
92.5°	20.7	11.7	4.2	0.0	4.8	12.2	21.2	30.8	39.8	48.9	56.8
95°	17.5	9.6	3.2	0.0	3.2	9.6	17.5	26.0	35.1	44.1	52.1
97.5°	14.9	7.4	2.1	0.0	2.1	7.4	14.3	22.8	30.8	39.3	46.7
100°	12.7	6.4	1.6	0.0	1.6	5.8	12.2	19.7	27.6	35.6	42.5
102.5°	11.2	5.3	1.1	0.0	1.1	4.8	10.1	17.0	23.9	31.3	38.2
105°	9.6	4.2	1.1	0.0	0.5	3.7	8.5	14.9	21.2	28.2	34.5
107.5°	8.5	3.7	1.1	0.0	0.5	3.2	7.4	12.7	19.1	25.0	30.8
110°	7.4	3.2	1.1	0.0	0.5	2.1	6.4	11.2	16.5	22.3	28.2

TEST NUMBER: P1214038

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

CANDELA DISTRIBUTION (continued):

	165°	170°	175°	180°	185°	190°	195°	200°	205°	210°	215°
112.5°	6.4	2.7	0.5	0.0	0.0	1.6	5.3	9.6	14.3	20.2	25.0
115°	5.8	2.7	0.5	0.0	0.0	1.1	4.2	8.5	12.7	18.1	22.3
117.5°	5.3	2.1	0.5	0.0	0.5	1.1	3.7	7.4	11.2	15.4	20.2
120°	4.8	2.1	0.5	0.0	0.5	0.5	2.7	6.4	9.6	13.8	17.5
122.5°	4.2	2.1	0.5	0.0	0.5	0.5	2.1	5.3	8.5	12.2	15.4
125°	3.7	1.6	1.1	0.5	0.5	0.5	1.6	4.2	7.4	10.1	13.8
127.5°	3.7	1.6	1.1	0.5	0.5	0.5	1.1	3.7	5.8	9.0	12.2
130°	3.2	1.6	1.1	0.5	0.5	0.5	0.5	2.7	5.3	7.4	10.1
132.5°	2.7	1.6	1.1	0.5	0.5	0.5	0.5	1.6	3.7	6.4	8.5
135°	2.7	1.6	1.1	0.5	0.5	0.5	0.5	1.1	2.7	4.8	6.9
137.5°	2.1	1.1	1.1	0.5	0.5	0.5	0.5	0.5	2.1	3.7	5.3
140°	2.1	1.1	1.1	0.5	0.5	0.5	0.5	0.5	1.6	2.7	4.2
142.5°	1.6	1.1	1.1	0.5	0.5	0.5	0.5	0.5	1.1	2.1	3.2
145°	1.6	1.1	1.1	0.5	0.5	0.5	0.5	0.5	0.5	1.1	2.1
147.5°	1.6	1.6	1.1	0.5	0.5	0.5	0.5	0.5	0.5	1.1	1.6
150°	1.6	1.1	1.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.1
152.5°	1.6	1.1	1.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.1
155°	1.6	1.1	1.1	0.5	0.5	0.5	0.5	0.5	0.5	1.1	1.1
157.5°	1.6	1.1	1.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	1.1
160°	1.6	1.1	1.1	0.5	1.1	0.5	1.1	1.1	1.1	1.1	1.1
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: P1214038

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

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
0°	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7
2.5°	968.4	958.3	963.6	962.0	964.1	968.4	967.9	966.8	966.8	965.2	963.1
5°	965.2	955.6	960.4	957.8	960.4	964.1	963.6	962.0	963.1	960.4	957.8
7.5°	958.8	950.3	954.6	952.4	954.6	958.3	956.7	956.2	957.2	953.0	951.4
10°	951.4	941.8	946.6	943.9	946.6	949.3	948.2	946.1	948.2	943.9	942.4
12.5°	939.7	931.7	934.9	933.9	935.4	938.1	936.0	934.4	935.4	931.7	928.5
15°	926.9	919.0	921.6	920.0	921.1	924.3	920.6	920.0	919.0	915.3	914.2
17.5°	910.5	903.0	905.7	903.0	904.6	903.6	903.0	900.4	900.4	896.1	893.0
20°	890.3	883.9	882.3	880.2	882.3	880.2	877.0	874.9	874.4	870.1	867.5
22.5°	866.9	859.5	860.5	854.7	855.2	852.0	846.7	844.6	842.5	837.7	834.0
25°	838.8	831.3	826.0	822.3	817.5	817.0	810.1	804.8	804.2	798.4	797.9
27.5°	806.9	798.4	794.1	785.1	779.3	774.5	768.7	763.3	760.7	754.3	750.1
30°	770.2	760.7	750.1	743.7	734.7	730.9	720.8	714.5	712.3	705.4	702.3
32.5°	728.8	718.7	710.2	698.0	687.9	682.6	672.5	666.1	663.5	656.0	651.8
35°	683.7	672.5	662.4	650.7	642.8	633.7	621.5	615.1	609.3	606.6	603.4
37.5°	636.4	624.2	612.5	600.8	593.9	583.3	572.6	568.4	561.5	558.8	555.6
40°	587.5	575.3	564.1	553.0	545.0	535.5	525.9	524.3	516.9	514.2	512.1
42.5°	539.2	526.4	513.7	505.7	499.9	490.3	483.9	482.3	476.0	474.4	474.4
45°	495.6	479.7	469.1	462.1	457.4	449.4	444.1	443.0	437.7	436.6	436.6
47.5°	448.9	434.0	426.0	421.8	417.5	411.7	408.5	408.5	403.2	402.1	401.6
50°	405.3	391.5	385.7	381.4	380.9	376.6	374.0	372.9	372.9	369.2	369.7
52.5°	363.9	357.0	352.2	349.5	346.3	343.7	341.6	341.6	340.0	337.3	338.4
55°	325.6	317.7	318.2	316.1	314.5	312.9	313.4	310.2	309.7	307.6	309.2
57.5°	287.4	287.4	286.3	284.7	282.1	283.1	283.1	283.1	280.5	278.9	280.5
60°	255.0	256.6	253.9	255.5	254.4	255.0	253.9	253.9	252.3	251.8	252.3
62.5°	226.3	228.9	227.9	230.0	228.9	229.5	230.5	228.4	227.4	226.3	227.4
65°	200.8	204.0	203.5	205.0	205.6	206.1	206.6	205.6	204.5	203.5	202.9
67.5°	178.5	181.7	183.8	184.3	184.9	186.5	185.9	184.9	183.8	182.2	181.7
70°	158.3	162.5	165.2	166.3	168.4	167.3	167.3	166.8	165.7	164.1	163.6
72.5°	141.3	146.1	148.7	149.8	151.9	151.9	151.4	150.9	149.8	148.2	147.7
75°	126.4	130.7	134.4	136.5	138.1	138.1	137.6	137.1	136.0	134.9	134.4
77.5°	114.7	118.5	121.6	124.3	125.4	125.9	125.4	124.3	124.3	123.8	123.2
80°	103.1	107.3	110.5	113.1	114.7	114.7	114.2	114.7	113.7	113.1	112.6
82.5°	93.0	97.7	101.5	104.1	105.2	105.7	105.2	105.7	104.6	104.6	104.6
85°	83.9	88.7	93.0	95.1	96.7	97.2	97.2	97.2	96.7	96.7	96.7
87.5°	76.5	81.3	85.5	87.6	89.2	89.8	89.8	90.3	89.2	89.2	89.2
90°	69.6	74.4	78.6	80.7	82.3	83.4	83.4	83.9	83.4	82.9	82.9
92.5°	63.2	68.5	72.8	74.9	76.5	78.1	78.1	78.6	77.6	77.6	77.6
95°	57.9	63.2	66.9	69.6	71.2	72.2	72.8	72.8	72.2	72.2	72.2
97.5°	53.1	57.9	61.6	64.3	65.9	66.4	66.9	67.5	66.9	66.9	66.9
100°	48.3	53.1	56.8	59.0	61.1	61.6	62.2	62.7	62.7	62.2	62.2
102.5°	44.1	48.9	52.1	54.7	56.3	57.4	57.9	57.9	57.9	57.9	57.9
105°	39.8	44.6	47.8	50.5	52.1	53.1	53.7	54.2	54.2	53.7	53.7
107.5°	36.1	40.4	44.1	46.2	48.3	49.4	49.9	49.9	50.5	49.9	49.9
110°	32.4	37.2	40.4	42.5	44.6	45.7	46.2	46.7	46.7	46.7	46.7

TEST NUMBER: P1214038

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

CANDELA DISTRIBUTION (continued):

	220°	225°	230°	235°	240°	245°	250°	255°	260°	265°	270°
112.5°	29.7	33.5	36.7	38.8	40.9	42.0	42.5	43.0	43.6	43.0	43.0
115°	26.6	30.3	33.5	35.6	37.2	38.2	39.3	39.8	39.8	40.4	39.8
117.5°	23.9	27.1	30.3	32.4	34.0	35.6	36.1	36.7	37.2	36.7	36.7
120°	21.2	24.4	27.1	29.2	30.8	32.4	32.9	33.5	34.0	33.5	33.5
122.5°	19.1	21.8	24.4	26.6	28.2	29.2	30.3	30.3	30.8	30.8	30.8
125°	17.0	19.7	21.8	23.9	25.5	26.6	27.1	27.6	27.6	28.2	28.2
127.5°	14.9	17.0	19.7	21.2	22.8	23.9	24.4	25.0	25.0	25.5	25.5
130°	12.7	14.9	17.0	18.6	20.2	21.2	21.8	22.3	22.8	22.8	22.8
132.5°	11.2	13.3	14.9	16.5	17.5	18.6	19.7	20.2	20.2	20.2	20.2
135°	9.0	11.2	12.7	14.3	15.4	16.5	17.0	18.1	18.1	18.1	18.1
137.5°	7.4	9.6	11.2	12.2	13.3	14.3	14.9	15.4	15.9	15.9	15.9
140°	5.8	7.4	9.0	10.6	11.7	12.2	13.3	13.3	13.8	13.8	13.8
142.5°	4.2	5.8	6.9	8.5	9.6	10.6	11.2	11.7	11.7	11.7	11.7
145°	3.2	4.2	5.3	6.4	8.0	8.5	9.0	9.6	10.1	10.1	10.1
147.5°	2.1	3.2	3.7	4.8	5.8	6.9	7.4	8.0	8.5	8.5	8.5
150°	1.6	2.1	3.2	3.7	4.2	5.3	6.4	6.4	6.9	6.9	6.4
152.5°	1.1	1.6	2.1	2.7	3.2	3.7	4.8	4.8	5.3	5.3	5.3
155°	1.1	1.1	1.1	1.6	2.1	2.7	3.2	3.7	3.7	3.7	3.7
157.5°	1.1	1.1	1.1	1.1	1.1	1.6	2.1	2.7	2.7	2.7	2.7
160°	1.1	1.1	0.5	0.5	1.1	1.1	1.1	1.1	1.6	1.6	1.6
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: P1214038

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

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
0°	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7	965.7
2.5°	964.7	965.7	965.7	964.7	964.1	966.3	963.6	953.5	956.7	957.8	960.9
5°	959.9	960.9	960.9	960.9	959.9	962.0	959.4	949.3	953.0	954.6	956.7
7.5°	953.0	953.5	954.6	954.0	953.0	956.2	953.5	943.4	946.1	948.7	951.4
10°	943.9	943.9	944.5	945.5	944.5	947.1	944.5	935.4	938.1	939.7	942.9
12.5°	931.7	932.8	933.3	932.8	932.3	934.4	933.3	924.8	925.9	929.1	932.3
15°	915.3	915.3	917.9	916.9	916.9	919.0	920.0	910.5	912.1	916.9	920.0
17.5°	895.1	895.6	897.7	898.8	898.3	902.0	902.5	895.1	894.5	900.4	903.6
20°	869.0	870.1	872.8	874.9	874.9	879.1	880.7	876.0	876.5	882.9	883.9
22.5°	837.2	837.2	842.0	845.1	847.8	850.5	855.2	851.0	851.0	859.5	864.3
25°	797.9	801.6	803.2	809.6	813.3	820.7	825.0	825.5	826.0	834.0	837.2
27.5°	754.3	755.4	760.2	767.6	771.8	778.7	786.7	788.3	791.0	801.6	806.4
30°	704.9	708.1	710.2	720.8	726.7	735.7	745.8	749.5	751.7	766.0	771.8
32.5°	654.4	655.5	664.5	670.4	677.3	686.8	698.5	705.4	709.7	724.6	733.1
35°	604.0	606.1	613.5	621.0	627.9	637.4	649.7	659.2	666.7	679.9	691.1
37.5°	557.8	563.1	564.7	572.1	577.4	587.0	595.5	609.3	616.7	630.5	644.9
40°	516.3	517.9	519.0	526.4	530.1	539.2	551.4	560.4	570.5	580.6	597.6
42.5°	475.4	476.5	478.1	482.3	486.6	493.0	502.0	511.0	521.6	536.5	547.7
45°	437.7	438.8	439.8	442.5	446.2	452.1	457.9	464.3	474.9	487.6	499.3
47.5°	402.7	404.8	404.8	405.3	408.0	412.7	417.0	425.0	430.8	437.7	451.0
50°	369.2	370.8	371.3	371.3	372.9	376.1	377.2	382.5	387.8	394.2	403.7
52.5°	337.8	337.8	337.3	339.4	339.4	341.6	342.1	345.3	349.0	355.9	360.2
55°	308.1	308.1	309.7	308.6	308.6	309.7	309.2	309.7	312.9	317.1	320.8
57.5°	279.4	278.9	280.5	279.4	278.9	279.9	281.0	278.9	279.4	283.7	283.7
60°	250.7	251.3	252.9	251.8	251.8	251.8	250.7	249.7	248.6	251.3	252.3
62.5°	227.9	226.3	227.9	226.3	227.4	226.8	225.8	223.6	224.2	223.1	222.0
65°	204.0	204.0	204.5	202.9	204.0	204.0	202.4	201.9	198.7	197.6	195.0
67.5°	183.3	183.3	183.8	182.7	182.7	183.3	181.7	180.1	176.9	175.3	171.6
70°	165.2	165.2	165.2	164.7	164.7	164.7	163.6	161.5	158.3	155.6	150.9
72.5°	148.7	149.3	148.7	148.7	150.3	148.7	147.1	145.0	142.4	137.1	132.8
75°	135.5	136.0	135.5	135.5	135.5	134.9	134.4	131.2	128.0	123.8	117.4
77.5°	123.8	123.8	124.3	123.8	123.8	123.2	121.6	119.0	115.3	111.6	104.1
80°	112.6	113.1	113.7	114.2	113.1	112.6	111.0	108.9	104.1	99.9	92.4
82.5°	104.6	104.1	104.6	105.2	104.1	103.6	102.0	99.3	95.6	89.8	82.3
85°	96.7	96.1	96.1	96.7	96.1	95.1	93.5	90.8	87.1	81.3	73.8
87.5°	88.7	89.2	89.8	89.2	88.7	87.6	86.1	83.4	79.1	74.4	66.4
90°	82.9	82.9	82.9	82.9	82.3	81.3	79.7	76.5	72.8	66.9	60.0
92.5°	77.6	77.6	77.6	77.6	77.0	75.4	73.8	71.2	66.9	61.1	54.7
95°	72.2	72.8	72.2	72.2	71.2	70.6	68.0	65.3	61.6	55.8	48.9
97.5°	66.4	66.9	66.4	66.4	65.9	64.8	63.2	60.0	56.3	51.0	44.6
100°	62.2	62.2	61.6	61.6	61.1	60.0	57.9	55.2	51.5	46.2	39.8
102.5°	57.4	57.9	57.4	57.4	56.3	55.2	53.7	51.0	47.3	42.0	36.1
105°	53.7	53.7	53.1	53.1	52.1	51.0	49.4	46.2	43.0	38.2	32.4
107.5°	49.9	49.9	49.4	49.4	48.3	47.3	45.2	42.5	39.3	34.5	29.2
110°	46.2	46.2	46.2	45.7	44.6	43.0	41.4	38.8	35.6	31.3	26.0

TEST NUMBER: P1214038

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

CANDELA DISTRIBUTION (continued):

	275°	280°	285°	290°	295°	300°	305°	310°	315°	320°	325°
112.5°	43.6	43.0	42.5	42.0	40.9	39.8	37.7	35.1	31.9	28.2	23.4
115°	39.8	39.8	39.3	38.8	37.7	36.1	34.5	32.4	29.2	25.0	20.7
117.5°	36.7	36.7	36.1	35.6	34.5	32.9	31.3	29.2	26.0	22.3	18.6
120°	33.5	33.5	32.9	32.4	31.3	29.7	28.7	26.0	23.4	19.7	16.5
122.5°	30.8	30.3	30.3	29.2	28.7	27.1	25.5	23.4	20.7	17.5	14.3
125°	27.6	27.6	27.1	26.6	26.0	24.4	22.8	20.7	18.1	15.4	12.7
127.5°	25.0	25.0	24.4	23.9	23.4	21.8	20.2	18.6	15.9	13.3	10.6
130°	22.3	22.3	21.8	21.2	20.7	19.1	18.1	15.9	13.8	11.7	9.0
132.5°	20.2	20.2	19.7	19.1	18.1	17.0	15.9	13.8	12.2	10.1	8.0
135°	18.1	17.5	17.5	17.0	15.9	14.9	13.8	12.2	10.1	8.5	6.4
137.5°	15.9	15.4	14.9	14.3	13.8	12.7	11.7	10.6	9.0	6.9	5.3
140°	13.8	13.3	13.3	12.7	11.7	11.2	10.1	8.5	7.4	5.8	4.2
142.5°	11.7	11.7	11.2	10.6	10.1	9.6	8.5	7.4	5.8	4.8	3.2
145°	10.1	9.6	9.6	9.0	8.5	7.4	6.9	5.8	4.8	3.7	2.7
147.5°	8.0	8.0	8.0	7.4	6.9	6.4	5.8	4.8	3.7	2.7	1.6
150°	6.4	6.4	6.4	5.8	5.3	4.8	4.2	3.7	2.7	1.6	1.1
152.5°	5.3	5.3	4.8	4.8	4.2	3.7	3.2	2.7	1.6	1.1	1.1
155°	3.7	3.7	3.7	3.2	3.2	2.7	2.1	1.6	1.1	1.1	1.1
157.5°	2.7	2.7	2.7	2.1	2.1	1.6	1.6	1.1	1.1	1.1	1.1
160°	1.6	1.6	1.6	1.6	1.1	1.1	1.1	1.1	1.1	1.1	1.1
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: P1214038

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

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
0°	965.7	965.7	965.7	965.7	965.7	965.7	965.7
2.5°	959.4	958.8	963.1	963.1	958.3	965.7	973.7
5°	956.2	955.6	959.9	959.9	955.6	963.1	971.6
7.5°	949.8	950.3	954.6	955.6	950.3	957.2	966.3
10°	942.9	942.4	947.1	948.2	943.9	950.3	958.8
12.5°	931.7	931.7	936.5	938.1	933.9	941.3	949.3
15°	920.0	920.0	923.2	925.9	922.2	929.1	937.0
17.5°	905.2	904.6	907.8	911.0	907.3	914.7	923.2
20°	886.0	886.0	889.8	893.5	890.8	897.7	907.3
22.5°	865.9	863.7	870.1	872.8	871.2	878.1	887.6
25°	840.4	839.8	846.2	849.9	847.8	855.2	863.7
27.5°	812.7	812.2	818.6	823.4	822.3	829.2	838.8
30°	779.3	781.9	787.8	795.7	793.1	800.5	810.6
32.5°	744.2	746.9	753.8	762.3	762.8	768.7	778.7
35°	702.3	709.2	713.9	725.1	727.2	733.1	743.7
37.5°	658.2	666.1	676.2	684.7	689.0	693.8	706.0
40°	608.8	620.4	631.6	641.7	647.0	651.8	663.5
42.5°	564.1	573.2	583.8	593.9	603.4	607.7	619.9
45°	513.7	524.3	533.9	546.1	555.6	560.4	572.6
47.5°	464.3	474.9	487.6	496.1	506.2	511.0	522.7
50°	417.0	426.6	437.2	447.3	455.8	460.0	470.1
52.5°	370.2	380.3	390.4	396.8	405.8	409.0	417.5
55°	328.8	335.7	344.8	348.5	357.5	359.6	365.5
57.5°	289.0	293.8	296.9	303.3	309.7	314.5	321.4
60°	252.9	255.0	257.1	260.8	266.1	267.7	270.4
62.5°	220.4	219.9	224.2	225.2	225.8	231.1	228.4
65°	191.8	192.3	188.6	187.0	189.1	190.7	189.6
67.5°	167.9	164.7	161.5	157.8	154.6	156.2	154.6
70°	144.5	141.8	136.5	131.2	129.1	125.9	124.3
72.5°	125.9	119.5	114.2	107.3	103.6	99.9	97.2
75°	111.6	102.5	95.1	87.6	82.3	77.0	76.0
77.5°	96.7	88.2	79.7	71.7	63.7	57.9	55.8
80°	85.0	77.0	66.9	57.4	48.9	41.4	38.8
82.5°	74.4	65.9	55.8	45.7	36.1	28.2	25.0
85°	65.3	56.3	46.2	36.1	26.6	18.1	13.8
87.5°	58.4	48.3	38.2	28.7	18.6	10.1	5.3
90°	52.1	42.5	32.9	22.8	13.3	5.3	0.0
92.5°	46.2	37.2	27.6	18.6	10.1	3.2	0.5
95°	40.9	32.9	23.4	14.9	7.4	2.1	0.5
97.5°	36.7	28.7	20.2	12.2	5.8	1.6	0.5
100°	32.9	25.0	17.5	10.1	4.8	1.1	0.5
102.5°	29.2	22.3	14.9	8.5	3.7	0.5	0.5
105°	26.0	19.7	12.7	7.4	3.2	0.5	0.5
107.5°	23.4	17.5	11.2	6.4	2.1	0.5	0.5
110°	20.7	14.9	9.6	5.3	1.6	0.5	0.5



TEST NUMBER: P1214038

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

CANDELA DISTRIBUTION (continued):

	330°	335°	340°	345°	350°	355°	360°
112.5°	18.6	13.3	8.5	4.2	1.1	0.5	0.5
115°	16.5	11.7	7.4	3.7	1.1	0.5	0.5
117.5°	14.3	10.1	6.4	2.7	0.5	0.5	0.5
120°	12.7	9.0	5.3	2.1	0.5	0.5	0.5
122.5°	11.2	7.4	4.2	1.6	0.5	0.5	0.5
125°	9.6	6.4	3.7	1.1	0.5	0.5	0.5
127.5°	8.0	5.3	2.7	1.1	0.5	0.5	0.5
130°	6.9	4.2	2.1	0.5	0.5	0.5	0.5
132.5°	5.8	3.2	1.6	0.5	0.5	0.5	0.5
135°	4.8	2.7	1.1	0.5	0.5	0.5	0.5
137.5°	3.7	2.1	1.1	0.5	0.5	0.5	0.5
140°	2.7	1.6	0.5	0.5	0.5	0.5	0.5
142.5°	2.1	1.1	0.5	0.5	0.5	0.5	0.5
145°	1.6	1.1	0.5	0.5	0.5	0.5	0.5
147.5°	1.1	1.1	1.1	1.1	0.5	0.5	0.5
150°	1.1	1.1	0.5	0.5	1.1	0.5	0.5
152.5°	1.1	0.5	0.5	0.5	1.1	0.5	0.5
155°	1.1	1.1	1.1	1.1	1.1	1.1	0.5
157.5°	1.1	1.1	1.1	1.1	1.1	1.1	1.1
160°	1.1	1.1	1.1	1.1	1.1	1.1	1.1
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)