

Cooper Lighting Solutions Photometric Lab
1121 Highway 74 South
Peachtree City, GA 30269



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: CORELITE

Report Number: P935329

Luminaire Tested: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-12-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935329
REPORT IS A COMBINATION OF REPORTS P933749 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-12-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

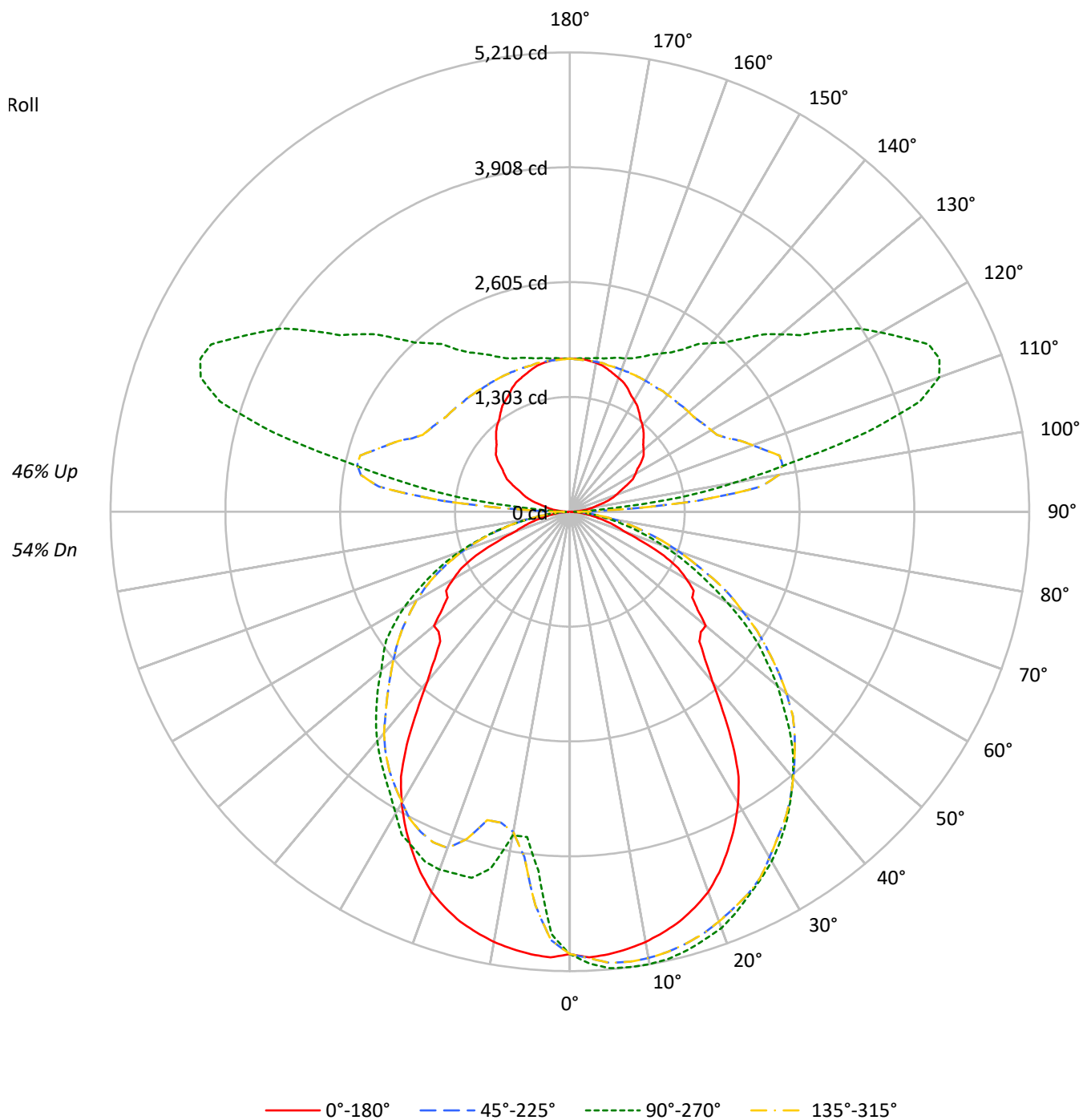
Lumens per Lamp: N/A
Luminaire Lumens: 24277.1 lumens
Efficiency: N/A
Efficacy: 117.6 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 206.4
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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CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-12-5000K

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	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59	54		
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50	45		
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42	38		
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36	32		
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31	28		
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27	24		
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24	21		
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21	19		
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19	17		
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17	15		
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15	13		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15514	15514	15514	15514
5°	15635	15660	15635	12314
10°	15536	15426	15536	11029
15°	15373	15092	15373	12602
20°	15058	14696	15058	12628
25°	14406	14119	14406	12361
30°	13561	13639	13561	11773
35°	12095	13033	12095	11128
40°	10084	12319	10084	10640
45°	9016	11483	9016	10079
50°	9586	10486	9586	9516
55°	9028	9413	9028	9190
60°	9318	7994	9318	8417
65°	8462	6609	8462	7387
70°	5873	5267	5873	6192
75°	5169	3893	5169	4662
80°	4198	2574	4198	2802
85°	2459	1363	2459	1158

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 13810 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	452.7	1.9
10°-20°	1285.5	5.3
20°-30°	1987.1	8.2
30°-40°	2372.2	9.8
40°-50°	2386.1	9.8
50°-60°	2076.2	8.6
60°-70°	1472.0	6.1
70°-80°	778.8	3.2
80°-90°	200.6	0.8
90°-100°	847.1	3.5
100°-110°	2227.2	9.2
110°-120°	2309.3	9.5
120°-130°	1852.4	7.6
130°-140°	1453.4	6.0
140°-150°	1115.6	4.6
150°-160°	803.4	3.3
160°-170°	491.6	2.0
170°-180°	166.1	0.7
0°-30°	3725.3	15.3
0°-40°	6097.5	25.1
0°-60°	10559.8	43.5
0°-90°	13011.2	53.6
90°-120°	5383.6	22.2
90°-150°	9804.9	40.4
90°-180°	11266.0	46.4
0°-180°	24277.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5016	5016	5016	5016	5016	
5°	5039	5196	5039	4086	5039	478
15°	4812	5148	4812	4299	4812	1354
25°	4237	4802	4237	4204	4237	1946
35°	3222	4285	3222	3658	3222	1993
45°	2078	3530	2078	3099	2078	1665
55°	1694	2605	1694	2543	1694	1557
65°	1177	1571	1177	1756	1177	1125
75°	446	745	446	892	446	469
85°	76	190	76	161	76	103
90°	12	44	12	44	12	13
95°	112	512	112	512	112	124
105°	401	3487	401	3487	401	425
115°	713	4490	713	4490	713	704
125°	991	3576	991	3576	991	880
135°	1182	2775	1182	2775	1182	914
145°	1370	2251	1370	2251	1370	859
155°	1549	1938	1549	1938	1549	712
165°	1671	1806	1671	1806	1671	472
175°	1738	1750	1738	1750	1738	165
180°	1738	1738	1738	1738	1738	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6
2.5°	5058.3	5058.3	5086.8	5096.3	5096.3	5082.0	5067.8	5082.0	5124.7	5139.0	5134.2
5°	5039.3	5077.3	5129.5	5139.0	5148.5	5143.7	5134.2	5143.7	5191.2	5200.7	5205.4
7.5°	5001.3	5072.6	5139.0	5153.2	5167.4	5153.2	5148.5	5158.0	5205.4	5214.9	5214.9
10°	4953.9	5053.6	5129.5	5139.0	5153.2	5139.0	5139.0	5158.0	5205.4	5214.9	5219.7
12.5°	4887.5	5025.1	5096.3	5105.7	5124.7	5119.9	5115.3	5134.2	5181.6	5191.2	5191.2
15°	4811.6	4972.9	5039.3	5048.8	5082.0	5072.6	5072.6	5091.5	5143.7	5158.0	5153.2
17.5°	4707.2	4906.5	4982.4	4996.7	5020.3	5015.6	5020.3	5039.3	5086.8	5096.3	5101.0
20°	4588.6	4816.3	4906.5	4920.7	4944.4	4944.4	4944.4	4968.1	5015.6	5034.6	5034.6
22.5°	4427.2	4721.4	4816.3	4825.8	4854.3	4854.3	4863.7	4896.9	4939.6	4944.4	4944.4
25°	4237.4	4617.0	4697.6	4726.2	4754.7	4768.9	4783.1	4802.1	4816.3	4811.6	4816.3
27.5°	4038.1	4484.2	4588.6	4607.5	4645.5	4659.7	4678.7	4683.4	4688.2	4702.4	4693.0
30°	3815.1	4299.1	4455.7	4474.6	4536.3	4545.8	4526.9	4536.3	4560.1	4569.6	4579.0
32.5°	3563.6	4023.9	4318.1	4360.8	4417.7	4389.3	4384.5	4398.7	4436.7	4436.7	4446.2
35°	3221.9	3810.3	4189.9	4227.9	4270.6	4237.4	4256.4	4261.1	4284.9	4299.1	4294.3
37.5°	2847.1	3625.3	4057.1	4085.6	4118.8	4076.1	4104.6	4118.8	4137.8	4128.2	4128.2
40°	2514.9	3335.8	3900.5	3919.5	3947.9	3914.7	3943.2	3952.7	3962.2	3952.7	3947.9
42.5°	2268.2	3017.9	3734.4	3758.2	3739.2	3762.8	3772.4	3791.4	3777.1	3758.2	3758.2
45°	2078.3	2932.5	3554.1	3582.5	3554.1	3592.1	3606.3	3606.3	3563.6	3554.1	3549.4
47.5°	2016.7	2761.7	3373.8	3373.8	3359.5	3407.0	3430.7	3397.5	3354.8	3340.5	3340.5
50°	2012.0	2571.8	3127.1	3108.1	3174.4	3231.5	3207.7	3174.4	3141.3	3089.1	3089.1
52.5°	1826.9	2339.4	2809.1	2880.3	2984.7	3017.9	2979.9	2946.8	2889.7	2866.1	2847.1
55°	1694.0	2097.4	2519.7	2662.0	2771.1	2813.8	2742.7	2709.4	2624.1	2609.8	2600.4
57.5°	1665.6	1746.2	2254.0	2434.3	2567.1	2562.4	2519.7	2458.0	2386.8	2372.6	2367.8
60°	1528.0	1262.2	1969.2	2182.7	2320.4	2306.1	2268.2	2211.2	2144.8	2135.3	2125.8
62.5°	1385.6	915.8	1646.6	1888.6	2083.1	2078.3	2045.1	1959.7	1912.3	1888.6	1869.6
65°	1176.8	768.7	1172.0	1570.7	1850.6	1860.1	1788.9	1727.2	1675.0	1646.6	1641.8
67.5°	896.9	626.3	792.4	1309.6	1627.6	1618.1	1528.0	1499.5	1433.0	1418.8	1390.3
70°	664.3	417.5	550.4	1062.9	1409.3	1385.6	1314.4	1281.2	1219.5	1186.2	1167.3
72.5°	550.4	336.9	403.3	825.6	1186.2	1157.8	1096.1	1058.2	1005.9	977.5	958.5
75°	446.0	355.8	308.5	612.1	963.2	944.2	887.3	849.4	806.7	768.7	773.5
77.5°	327.4	332.2	246.8	450.8	763.9	735.5	702.2	654.9	635.9	597.9	597.9
80°	246.8	261.0	185.1	308.5	550.4	550.4	521.9	488.8	455.6	436.5	436.5
82.5°	166.1	166.1	137.6	194.5	374.9	360.6	341.6	332.2	313.2	303.7	303.7
85°	75.9	94.9	85.4	118.6	204.0	213.5	213.5	204.0	199.3	189.8	194.5
87.5°	23.7	42.7	52.2	66.5	104.4	109.2	113.8	113.8	113.8	118.6	118.6
90°	11.7	21.0	30.3	32.6	51.3	76.2	88.6	78.8	59.1	44.3	44.3
92.5°	46.6	125.9	205.3	225.1	316.5	438.3	499.2	437.5	314.2	221.6	212.8
95°	112.0	257.1	402.3	438.6	778.7	1232.3	1459.1	1302.0	987.9	752.3	725.5
97.5°	193.6	321.6	449.7	481.7	1048.9	1805.2	2183.4	2084.1	1885.6	1736.7	1685.9
100°	256.6	372.7	488.8	517.8	1147.3	1986.5	2406.2	2413.5	2428.0	2438.8	2378.4
102.5°	310.2	418.6	526.9	554.0	1192.4	2043.6	2469.2	2595.7	2848.6	3038.4	2986.5
105°	401.3	493.0	584.8	607.7	1225.9	2050.1	2462.2	2745.8	3312.9	3738.2	3710.3
107.5°	494.6	580.1	665.6	687.0	1232.0	1958.8	2322.2	2717.8	3508.8	4102.1	4108.8
110°	557.6	634.8	712.0	731.3	1222.7	1877.9	2205.5	2647.7	3532.1	4195.3	4224.4

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	619.3	693.0	766.6	785.0	1223.2	1807.3	2099.4	2552.0	3457.1	4135.9	4180.5
115°	712.6	780.6	848.4	865.4	1234.4	1726.3	1972.3	2408.3	3280.2	3934.1	3995.9
117.5°	804.8	866.5	928.2	943.6	1257.4	1675.6	1884.8	2278.3	3065.2	3655.4	3723.9
120°	858.4	916.5	974.6	989.1	1276.1	1658.6	1849.9	2209.4	2928.3	3467.6	3534.2
122.5°	911.0	969.6	1028.1	1042.8	1302.9	1649.7	1823.1	2146.7	2794.2	3279.8	3345.5
125°	991.4	1044.8	1098.2	1111.6	1339.0	1642.3	1793.9	2068.9	2618.9	3031.3	3091.8
127.5°	1056.7	1110.6	1164.6	1178.0	1375.1	1638.0	1769.4	2005.5	2477.7	2831.9	2882.9
130°	1091.7	1149.8	1207.8	1222.3	1401.6	1640.6	1760.1	1970.3	2390.7	2706.0	2753.2
132.5°	1127.9	1186.0	1244.0	1258.5	1422.9	1642.2	1751.8	1940.0	2316.4	2598.7	2640.9
135°	1181.6	1234.4	1287.3	1300.5	1446.3	1640.7	1737.9	1895.5	2210.6	2447.0	2483.4
137.5°	1236.3	1288.7	1341.0	1354.1	1481.2	1650.8	1735.6	1868.8	2135.2	2335.1	2364.9
140°	1281.9	1330.1	1378.2	1390.3	1502.6	1652.5	1727.3	1842.4	2072.6	2245.3	2273.1
142.5°	1316.8	1361.4	1406.0	1417.1	1520.5	1658.4	1727.3	1828.5	2030.6	2182.3	2206.2
145°	1370.5	1409.3	1448.2	1458.0	1543.9	1658.4	1715.7	1798.4	1963.7	2087.8	2105.9
147.5°	1424.1	1462.0	1499.8	1509.3	1578.1	1669.9	1715.7	1780.8	1910.9	2008.5	2023.5
150°	1459.1	1493.3	1527.5	1536.1	1596.0	1675.8	1715.7	1770.7	1880.5	1963.0	1975.1
152.5°	1495.2	1521.1	1547.1	1553.6	1607.6	1679.7	1715.7	1762.7	1856.4	1926.8	1936.0
155°	1548.9	1568.1	1587.3	1592.1	1633.3	1688.3	1715.7	1753.0	1827.6	1883.6	1889.7
157.5°	1588.5	1607.2	1625.9	1630.6	1659.0	1696.9	1715.7	1744.7	1802.8	1846.3	1850.6
160°	1615.4	1629.9	1644.4	1648.1	1670.6	1700.7	1715.7	1740.6	1790.3	1827.6	1830.1
162.5°	1642.2	1653.0	1664.0	1666.7	1683.0	1704.8	1715.7	1736.7	1778.7	1810.2	1812.5
165°	1671.3	1681.2	1691.1	1693.5	1700.9	1710.8	1715.7	1730.8	1760.8	1783.3	1785.8
167.5°	1698.2	1702.8	1707.5	1708.7	1714.9	1723.2	1727.3	1737.2	1757.0	1771.7	1772.8
170°	1715.7	1720.4	1725.1	1726.2	1726.6	1727.1	1727.3	1737.2	1757.0	1771.7	1771.7
172.5°	1725.0	1726.0	1727.1	1727.3	1727.3	1727.3	1727.3	1735.1	1750.7	1762.4	1761.5
175°	1737.9	1737.9	1737.9	1737.9	1734.3	1729.7	1727.3	1732.3	1742.1	1749.5	1749.5
177.5°	1737.9	1737.9	1737.9	1737.9	1735.2	1731.5	1729.7	1733.6	1741.4	1747.2	1746.1
180°	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6
2.5°	5143.7	5129.5	5143.7	5134.2	5139.0	5124.7	5082.0	5067.8	5082.0	5096.3	5096.3
5°	5205.4	5195.9	5205.4	5205.4	5200.7	5191.2	5143.7	5134.2	5143.7	5148.5	5139.0
7.5°	5224.4	5210.1	5224.4	5214.9	5214.9	5205.4	5158.0	5148.5	5153.2	5167.4	5153.2
10°	5224.4	5210.1	5224.4	5219.7	5214.9	5205.4	5158.0	5139.0	5139.0	5153.2	5139.0
12.5°	5200.7	5191.2	5200.7	5191.2	5191.2	5181.6	5134.2	5115.3	5119.9	5124.7	5105.7
15°	5162.7	5148.5	5162.7	5153.2	5158.0	5143.7	5091.5	5072.6	5072.6	5082.0	5048.8
17.5°	5105.7	5086.8	5105.7	5101.0	5096.3	5086.8	5039.3	5020.3	5015.6	5020.3	4996.7
20°	5039.3	5025.1	5039.3	5034.6	5034.6	5015.6	4968.1	4944.4	4944.4	4944.4	4920.7
22.5°	4935.0	4920.7	4935.0	4944.4	4944.4	4939.6	4896.9	4863.7	4854.3	4854.3	4825.8
25°	4816.3	4802.1	4816.3	4816.3	4811.6	4816.3	4802.1	4783.1	4768.9	4754.7	4726.2
27.5°	4702.4	4693.0	4702.4	4693.0	4702.4	4688.2	4683.4	4678.7	4659.7	4645.5	4607.5
30°	4588.6	4579.0	4588.6	4579.0	4569.6	4560.1	4536.3	4526.9	4545.8	4536.3	4474.6
32.5°	4446.2	4436.7	4446.2	4446.2	4436.7	4436.7	4398.7	4384.5	4389.3	4417.7	4360.8
35°	4299.1	4284.9	4299.1	4294.3	4299.1	4284.9	4261.1	4256.4	4237.4	4270.6	4227.9
37.5°	4128.2	4114.0	4128.2	4128.2	4128.2	4137.8	4118.8	4104.6	4076.1	4118.8	4085.6
40°	3952.7	3933.7	3952.7	3947.9	3952.7	3962.2	3952.7	3943.2	3914.7	3947.9	3919.5
42.5°	3753.4	3748.6	3753.4	3758.2	3758.2	3777.1	3791.4	3772.4	3762.8	3739.2	3758.2
45°	3539.8	3530.4	3539.8	3549.4	3554.1	3563.6	3606.3	3606.3	3592.1	3554.1	3582.5
47.5°	3312.1	3288.4	3312.1	3340.5	3340.5	3354.8	3397.5	3430.7	3407.0	3359.5	3373.8
50°	3070.1	3074.8	3070.1	3089.1	3089.1	3141.3	3174.4	3207.7	3231.5	3174.4	3108.1
52.5°	2832.8	2828.1	2832.8	2847.1	2866.1	2889.7	2946.8	2979.9	3017.9	2984.7	2880.3
55°	2595.6	2605.1	2595.6	2600.4	2609.8	2624.1	2709.4	2742.7	2813.8	2771.1	2662.0
57.5°	2358.4	2344.1	2358.4	2367.8	2372.6	2386.8	2458.0	2519.7	2562.4	2567.1	2434.3
60°	2083.1	2064.1	2083.1	2125.8	2135.3	2144.8	2211.2	2268.2	2306.1	2320.4	2182.7
62.5°	1841.1	1807.9	1841.1	1869.6	1888.6	1912.3	1959.7	2045.1	2078.3	2083.1	1888.6
65°	1584.9	1570.7	1584.9	1641.8	1646.6	1675.0	1727.2	1788.9	1860.1	1850.6	1570.7
67.5°	1352.3	1352.3	1352.3	1390.3	1418.8	1433.0	1499.5	1528.0	1618.1	1627.6	1309.6
70°	1138.8	1134.1	1138.8	1167.3	1186.2	1219.5	1281.2	1314.4	1385.6	1409.3	1062.9
72.5°	934.8	930.0	934.8	958.5	977.5	1005.9	1058.2	1096.1	1157.8	1186.2	825.6
75°	754.5	745.0	754.5	773.5	768.7	806.7	849.4	887.3	944.2	963.2	612.1
77.5°	578.9	578.9	578.9	597.9	597.9	635.9	654.9	702.2	735.5	763.9	450.8
80°	431.8	427.1	431.8	436.5	436.5	455.6	488.8	521.9	550.4	550.4	308.5
82.5°	303.7	294.2	303.7	303.7	303.7	313.2	332.2	341.6	360.6	374.9	194.5
85°	189.8	189.8	189.8	194.5	189.8	199.3	204.0	213.5	213.5	204.0	118.6
87.5°	123.4	118.6	123.4	118.6	118.6	113.8	113.8	113.8	109.2	104.4	66.5
90°	44.3	44.3	44.3	44.3	44.3	59.1	78.8	88.6	76.2	51.3	32.6
92.5°	177.5	142.3	177.5	212.8	221.6	314.2	437.5	499.2	438.3	316.5	225.1
95°	618.8	512.0	618.8	725.5	752.3	987.9	1302.0	1459.1	1232.3	778.7	438.6
97.5°	1482.7	1279.5	1482.7	1685.9	1736.7	1885.6	2084.1	2183.4	1805.2	1048.9	481.7
100°	2136.3	1894.2	2136.3	2378.4	2438.8	2428.0	2413.5	2406.2	1986.5	1147.3	517.8
102.5°	2779.2	2571.8	2779.2	2986.5	3038.4	2848.6	2595.7	2469.2	2043.6	1192.4	554.0
105°	3598.8	3487.4	3598.8	3710.3	3738.2	3312.9	2745.8	2462.2	2050.1	1225.9	607.7
107.5°	4135.8	4162.7	4135.8	4108.8	4102.1	3508.8	2717.8	2322.2	1958.8	1232.0	687.0
110°	4340.5	4456.7	4340.5	4224.4	4195.3	3532.1	2647.7	2205.5	1877.9	1222.7	731.3

TEST NUMBER: P935329

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	4358.8	4537.2	4358.8	4180.5	4135.9	3457.1	2552.0	2099.4	1807.3	1223.2	785.0
115°	4243.2	4490.4	4243.2	3995.9	3934.1	3280.2	2408.3	1972.3	1726.3	1234.4	865.4
117.5°	3998.1	4272.4	3998.1	3723.9	3655.4	3065.2	2278.3	1884.8	1675.6	1257.4	943.6
120°	3800.6	4067.1	3800.6	3534.2	3467.6	2928.3	2209.4	1849.9	1658.6	1276.1	989.1
122.5°	3608.2	3871.1	3608.2	3345.5	3279.8	2794.2	2146.7	1823.1	1649.7	1302.9	1042.8
125°	3333.9	3576.0	3333.9	3091.8	3031.3	2618.9	2068.9	1793.9	1642.3	1339.0	1111.6
127.5°	3087.2	3291.5	3087.2	2882.9	2831.9	2477.7	2005.5	1769.4	1638.0	1375.1	1178.0
130°	2941.8	3130.5	2941.8	2753.2	2706.0	2390.7	1970.3	1760.1	1640.6	1401.6	1222.3
132.5°	2809.9	2978.9	2809.9	2640.9	2598.7	2316.4	1940.0	1751.8	1642.2	1422.9	1258.5
135°	2629.0	2774.8	2629.0	2483.4	2447.0	2210.6	1895.5	1737.9	1640.7	1446.3	1300.5
137.5°	2484.1	2603.3	2484.1	2364.9	2335.1	2135.2	1868.8	1735.6	1650.8	1481.2	1354.1
140°	2384.6	2496.0	2384.6	2273.1	2245.3	2072.6	1842.4	1727.3	1652.5	1502.6	1390.3
142.5°	2302.1	2398.0	2302.1	2206.2	2182.3	2030.6	1828.5	1727.3	1658.4	1520.5	1417.1
145°	2178.5	2251.1	2178.5	2105.9	2087.8	1963.7	1798.4	1715.7	1658.4	1543.9	1458.0
147.5°	2083.6	2143.7	2083.6	2023.5	2008.5	1910.9	1780.8	1715.7	1669.9	1578.1	1509.3
150°	2023.9	2072.6	2023.9	1975.1	1963.0	1880.5	1770.7	1715.7	1675.8	1596.0	1536.1
152.5°	1972.8	2009.6	1972.8	1936.0	1926.8	1856.4	1762.7	1715.7	1679.7	1607.6	1553.6
155°	1914.1	1938.5	1914.1	1889.7	1883.6	1827.6	1753.0	1715.7	1688.3	1633.3	1592.1
157.5°	1867.7	1884.8	1867.7	1850.6	1846.3	1802.8	1744.7	1715.7	1696.9	1659.0	1630.6
160°	1840.0	1849.9	1840.0	1830.1	1827.6	1790.3	1740.6	1715.7	1700.7	1670.6	1648.1
162.5°	1821.8	1831.2	1821.8	1812.5	1810.2	1778.7	1736.7	1715.7	1704.8	1683.0	1666.7
165°	1795.7	1805.5	1795.7	1785.8	1783.3	1760.8	1730.8	1715.7	1710.8	1700.9	1693.5
167.5°	1776.9	1781.0	1776.9	1772.8	1771.7	1757.0	1737.2	1727.3	1723.2	1714.9	1708.7
170°	1771.7	1771.7	1771.7	1771.7	1771.7	1757.0	1737.2	1727.3	1727.1	1726.6	1726.2
172.5°	1757.8	1754.2	1757.8	1761.5	1762.4	1750.7	1735.1	1727.3	1727.3	1727.3	1727.3
175°	1749.5	1749.5	1749.5	1749.5	1749.5	1742.1	1732.3	1727.3	1729.7	1734.3	1737.9
177.5°	1742.0	1737.9	1742.0	1746.1	1747.2	1741.4	1733.6	1729.7	1731.5	1735.2	1737.9
180°	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6
2.5°	5086.8	5058.3	5058.3	5010.9	4991.9	4977.7	4953.9	4882.7	4863.7	4844.8	4873.3
5°	5129.5	5077.3	5039.3	4953.9	4882.7	4854.3	4764.1	4593.2	4479.4	4394.0	4346.6
7.5°	5139.0	5072.6	5001.3	4868.5	4697.6	4621.7	4346.6	4033.3	3947.9	3872.0	3824.5
10°	5129.5	5053.6	4953.9	4754.7	4351.2	4218.4	3943.2	3739.2	3686.9	3672.7	3686.9
12.5°	5096.3	5025.1	4887.5	4555.3	3990.6	3900.5	3739.2	3620.5	3611.0	3634.8	3762.8
15°	5039.3	4972.9	4811.6	4289.6	3791.4	3724.9	3611.0	3568.3	3620.5	3786.6	4170.9
17.5°	4982.4	4906.5	4707.2	4028.6	3639.6	3592.1	3511.4	3596.8	3891.0	4114.0	4242.2
20°	4906.5	4816.3	4588.6	3838.8	3530.4	3487.7	3449.7	3834.1	4057.1	4137.8	4208.9
22.5°	4816.3	4721.4	4427.2	3705.9	3416.5	3383.3	3407.0	3966.9	4057.1	4114.0	4175.7
25°	4697.6	4617.0	4237.4	3601.5	3326.3	3288.4	3378.5	3952.7	4004.8	4019.1	4142.5
27.5°	4588.6	4484.2	4038.1	3506.6	3217.2	3203.0	3402.2	3891.0	3928.9	3943.2	4076.1
30°	4455.7	4299.1	3815.1	3407.0	3103.3	3098.6	3407.0	3815.1	3805.6	3843.5	3976.4
32.5°	4318.1	4023.9	3563.6	3283.6	2994.1	2989.5	3373.8	3701.2	3691.7	3743.9	3843.5
35°	4189.9	3810.3	3221.9	3141.3	2856.6	2861.3	3293.2	3568.3	3573.1	3620.5	3682.2
37.5°	4057.1	3625.3	2847.1	2984.7	2723.7	2723.7	3184.0	3445.0	3435.5	3449.7	3535.2
40°	3900.5	3335.8	2514.9	2780.7	2600.4	2586.1	3051.2	3312.1	3278.9	3274.2	3392.8
42.5°	3734.4	3017.9	2268.2	2510.2	2458.0	2439.0	2889.7	3150.8	3089.1	3103.3	3255.1
45°	3554.1	2932.5	2078.3	2121.0	2310.9	2296.7	2714.2	2965.7	2923.0	2961.0	3117.5
47.5°	3373.8	2761.7	2016.7	1760.4	2154.3	2149.5	2519.7	2785.4	2761.7	2799.6	2965.7
50°	3127.1	2571.8	2012.0	1509.0	1978.7	1997.7	2287.1	2609.8	2609.8	2643.1	2818.6
52.5°	2809.1	2339.4	1826.9	1366.6	1774.6	1831.6	2083.1	2458.0	2467.4	2500.7	2657.3
55°	2519.7	2097.4	1694.0	1257.5	1532.6	1656.0	1883.8	2301.3	2320.4	2353.6	2495.9
57.5°	2254.0	1746.2	1665.6	1129.3	1309.6	1428.3	1708.3	2149.5	2159.1	2187.5	2325.1
60°	1969.2	1262.2	1528.0	991.7	1115.1	1205.3	1546.9	1969.2	2002.4	2021.4	2140.0
62.5°	1646.6	915.8	1385.6	896.9	1020.2	1039.2	1414.0	1798.4	1841.1	1855.3	1926.5
65°	1172.0	768.7	1176.8	816.2	920.6	925.3	1271.7	1622.8	1660.8	1684.5	1736.7
67.5°	792.4	626.3	896.9	740.2	844.6	849.4	1134.1	1418.8	1470.9	1490.0	1523.2
70°	550.4	417.5	664.3	659.5	759.3	768.7	987.0	1233.7	1281.2	1295.4	1314.4
72.5°	403.3	336.9	550.4	593.2	669.1	678.6	835.2	1024.9	1072.4	1086.6	1096.1
75°	308.5	355.8	446.0	517.2	569.4	574.2	683.3	835.2	868.3	877.9	882.5
77.5°	246.8	332.2	327.4	417.5	465.0	455.6	536.2	645.3	673.8	673.8	673.8
80°	185.1	261.0	246.8	298.9	341.6	332.2	384.4	460.2	469.8	479.2	474.6
82.5°	137.6	166.1	166.1	189.8	227.8	218.3	256.2	298.9	298.9	298.9	308.5
85°	85.4	94.9	75.9	99.6	128.1	123.4	142.4	161.3	166.1	166.1	156.6
87.5°	52.2	42.7	23.7	37.9	56.9	56.9	66.5	71.1	66.5	66.5	66.5
90°	30.3	21.0	11.7	21.0	30.3	32.6	51.3	76.2	88.6	78.8	59.1
92.5°	205.3	125.9	46.6	125.9	205.3	225.1	316.5	438.3	499.2	437.5	314.2
95°	402.3	257.1	112.0	257.1	402.3	438.6	778.7	1232.3	1459.1	1302.0	987.9
97.5°	449.7	321.6	193.6	321.6	449.7	481.7	1048.9	1805.2	2183.4	2084.1	1885.6
100°	488.8	372.7	256.6	372.7	488.8	517.8	1147.3	1986.5	2406.2	2413.5	2428.0
102.5°	526.9	418.6	310.2	418.6	526.9	554.0	1192.4	2043.6	2469.2	2595.7	2848.6
105°	584.8	493.0	401.3	493.0	584.8	607.7	1225.9	2050.1	2462.2	2745.8	3312.9
107.5°	665.6	580.1	494.6	580.1	665.6	687.0	1232.0	1958.8	2322.2	2717.8	3508.8
110°	712.0	634.8	557.6	634.8	712.0	731.3	1222.7	1877.9	2205.5	2647.7	3532.1

TEST NUMBER: P935329

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	766.6	693.0	619.3	693.0	766.6	785.0	1223.2	1807.3	2099.4	2552.0	3457.1
115°	848.4	780.6	712.6	780.6	848.4	865.4	1234.4	1726.3	1972.3	2408.3	3280.2
117.5°	928.2	866.5	804.8	866.5	928.2	943.6	1257.4	1675.6	1884.8	2278.3	3065.2
120°	974.6	916.5	858.4	916.5	974.6	989.1	1276.1	1658.6	1849.9	2209.4	2928.3
122.5°	1028.1	969.6	911.0	969.6	1028.1	1042.8	1302.9	1649.7	1823.1	2146.7	2794.2
125°	1098.2	1044.8	991.4	1044.8	1098.2	1111.6	1339.0	1642.3	1793.9	2068.9	2618.9
127.5°	1164.6	1110.6	1056.7	1110.6	1164.6	1178.0	1375.1	1638.0	1769.4	2005.5	2477.7
130°	1207.8	1149.8	1091.7	1149.8	1207.8	1222.3	1401.6	1640.6	1760.1	1970.3	2390.7
132.5°	1244.0	1186.0	1127.9	1186.0	1244.0	1258.5	1422.9	1642.2	1751.8	1940.0	2316.4
135°	1287.3	1234.4	1181.6	1234.4	1287.3	1300.5	1446.3	1640.7	1737.9	1895.5	2210.6
137.5°	1341.0	1288.7	1236.3	1288.7	1341.0	1354.1	1481.2	1650.8	1735.6	1868.8	2135.2
140°	1378.2	1330.1	1281.9	1330.1	1378.2	1390.3	1502.6	1652.5	1727.3	1842.4	2072.6
142.5°	1406.0	1361.4	1316.8	1361.4	1406.0	1417.1	1520.5	1658.4	1727.3	1828.5	2030.6
145°	1448.2	1409.3	1370.5	1409.3	1448.2	1458.0	1543.9	1658.4	1715.7	1798.4	1963.7
147.5°	1499.8	1462.0	1424.1	1462.0	1499.8	1509.3	1578.1	1669.9	1715.7	1780.8	1910.9
150°	1527.5	1493.3	1459.1	1493.3	1527.5	1536.1	1596.0	1675.8	1715.7	1770.7	1880.5
152.5°	1547.1	1521.1	1495.2	1521.1	1547.1	1553.6	1607.6	1679.7	1715.7	1762.7	1856.4
155°	1587.3	1568.1	1548.9	1568.1	1587.3	1592.1	1633.3	1688.3	1715.7	1753.0	1827.6
157.5°	1625.9	1607.2	1588.5	1607.2	1625.9	1630.6	1659.0	1696.9	1715.7	1744.7	1802.8
160°	1644.4	1629.9	1615.4	1629.9	1644.4	1648.1	1670.6	1700.7	1715.7	1740.6	1790.3
162.5°	1664.0	1653.0	1642.2	1653.0	1664.0	1666.7	1683.0	1704.8	1715.7	1736.7	1778.7
165°	1691.1	1681.2	1671.3	1681.2	1691.1	1693.5	1700.9	1710.8	1715.7	1730.8	1760.8
167.5°	1707.5	1702.8	1698.2	1702.8	1707.5	1708.7	1714.9	1723.2	1727.3	1737.2	1757.0
170°	1725.1	1720.4	1715.7	1720.4	1725.1	1726.2	1726.6	1727.1	1727.3	1737.2	1757.0
172.5°	1727.1	1726.0	1725.0	1726.0	1727.1	1727.3	1727.3	1727.3	1727.3	1735.1	1750.7
175°	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1734.3	1729.7	1727.3	1732.3	1742.1
177.5°	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1735.2	1731.5	1729.7	1733.6	1741.4
180°	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9

TEST NUMBER: P935329

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6
2.5°	4840.0	4825.8	4844.8	4792.6	4844.8	4825.8	4840.0	4873.3	4844.8	4863.7	4882.7
5°	4246.9	4223.2	4147.2	4085.6	4147.2	4223.2	4246.9	4346.6	4394.0	4479.4	4593.2
7.5°	3796.1	3777.1	3758.2	3720.2	3758.2	3777.1	3796.1	3824.5	3872.0	3947.9	4033.3
10°	3696.5	3701.2	3729.7	3724.9	3729.7	3701.2	3696.5	3686.9	3672.7	3686.9	3739.2
12.5°	3952.7	3995.4	4152.0	4142.5	4152.0	3995.4	3952.7	3762.8	3634.8	3611.0	3620.5
15°	4246.9	4261.1	4294.3	4299.1	4294.3	4261.1	4246.9	4170.9	3786.6	3620.5	3568.3
17.5°	4275.3	4280.1	4303.9	4303.9	4303.9	4280.1	4275.3	4242.2	4114.0	3891.0	3596.8
20°	4251.6	4261.1	4308.6	4318.1	4308.6	4261.1	4251.6	4208.9	4137.8	4057.1	3834.1
22.5°	4242.2	4261.1	4299.1	4294.3	4299.1	4261.1	4242.2	4175.7	4114.0	4057.1	3966.9
25°	4194.7	4194.7	4199.4	4204.2	4199.4	4194.7	4194.7	4142.5	4019.1	4004.8	3952.7
27.5°	4095.0	4104.6	4133.0	4128.2	4133.0	4104.6	4095.0	4076.1	3943.2	3928.9	3891.0
30°	4004.8	3995.4	3971.7	3952.7	3971.7	3995.4	4004.8	3976.4	3843.5	3805.6	3815.1
32.5°	3853.0	3829.3	3805.6	3791.4	3805.6	3829.3	3853.0	3843.5	3743.9	3691.7	3701.2
35°	3672.7	3677.5	3672.7	3658.5	3672.7	3677.5	3672.7	3682.2	3620.5	3573.1	3568.3
37.5°	3544.6	3554.1	3549.4	3530.4	3549.4	3554.1	3544.6	3535.2	3449.7	3435.5	3445.0
40°	3411.8	3416.5	3411.8	3397.5	3411.8	3416.5	3411.8	3392.8	3274.2	3278.9	3312.1
42.5°	3283.6	3278.9	3264.6	3255.1	3264.6	3278.9	3283.6	3255.1	3103.3	3089.1	3150.8
45°	3136.5	3141.3	3112.8	3098.6	3112.8	3141.3	3136.5	3117.5	2961.0	2923.0	2965.7
47.5°	2989.5	2989.5	2965.7	2951.4	2965.7	2989.5	2989.5	2965.7	2799.6	2761.7	2785.4
50°	2832.8	2828.1	2794.9	2790.1	2794.9	2828.1	2832.8	2818.6	2643.1	2609.8	2609.8
52.5°	2652.5	2652.5	2657.3	2666.7	2657.3	2652.5	2652.5	2657.3	2500.7	2467.4	2458.0
55°	2495.9	2500.7	2533.9	2543.4	2533.9	2500.7	2495.9	2495.9	2353.6	2320.4	2301.3
57.5°	2334.6	2334.6	2358.4	2358.4	2358.4	2334.6	2334.6	2325.1	2187.5	2159.1	2149.5
60°	2149.5	2159.1	2178.1	2173.3	2178.1	2159.1	2149.5	2140.0	2021.4	2002.4	1969.2
62.5°	1955.0	1964.5	1969.2	1959.7	1969.2	1964.5	1955.0	1926.5	1855.3	1841.1	1798.4
65°	1751.0	1760.4	1765.2	1755.7	1765.2	1760.4	1751.0	1736.7	1684.5	1660.8	1622.8
67.5°	1542.2	1537.4	1532.6	1551.6	1532.6	1537.4	1542.2	1523.2	1490.0	1470.9	1418.8
70°	1328.6	1328.6	1323.9	1333.4	1323.9	1328.6	1328.6	1314.4	1295.4	1281.2	1233.7
72.5°	1100.9	1096.1	1115.1	1100.9	1115.1	1096.1	1100.9	1096.1	1086.6	1072.4	1024.9
75°	877.9	887.3	877.9	892.1	877.9	887.3	877.9	882.5	877.9	868.3	835.2
77.5°	669.1	678.6	669.1	669.1	669.1	678.6	669.1	673.8	673.8	673.8	645.3
80°	474.6	469.8	469.8	465.0	469.8	469.8	474.6	474.6	479.2	469.8	460.2
82.5°	303.7	298.9	298.9	308.5	298.9	298.9	303.7	308.5	298.9	298.9	298.9
85°	166.1	170.9	161.3	161.3	161.3	170.9	166.1	156.6	166.1	166.1	161.3
87.5°	61.7	56.9	56.9	56.9	56.9	56.9	61.7	66.5	66.5	66.5	71.1
90°	44.3	44.3	44.3	44.3	44.3	44.3	44.3	59.1	78.8	88.6	76.2
92.5°	221.6	212.8	177.5	142.3	177.5	212.8	221.6	314.2	437.5	499.2	438.3
95°	752.3	725.5	618.8	512.0	618.8	725.5	752.3	987.9	1302.0	1459.1	1232.3
97.5°	1736.7	1685.9	1482.7	1279.5	1482.7	1685.9	1736.7	1885.6	2084.1	2183.4	1805.2
100°	2438.8	2378.4	2136.3	1894.2	2136.3	2378.4	2438.8	2428.0	2413.5	2406.2	1986.5
102.5°	3038.4	2986.5	2779.2	2571.8	2779.2	2986.5	3038.4	2848.6	2595.7	2469.2	2043.6
105°	3738.2	3710.3	3598.8	3487.4	3598.8	3710.3	3738.2	3312.9	2745.8	2462.2	2050.1
107.5°	4102.1	4108.8	4135.8	4162.7	4135.8	4108.8	4102.1	3508.8	2717.8	2322.2	1958.8
110°	4195.3	4224.4	4340.5	4456.7	4340.5	4224.4	4195.3	3532.1	2647.7	2205.5	1877.9

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CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4135.9	4180.5	4358.8	4537.2	4358.8	4180.5	4135.9	3457.1	2552.0	2099.4	1807.3
115°	3934.1	3995.9	4243.2	4490.4	4243.2	3995.9	3934.1	3280.2	2408.3	1972.3	1726.3
117.5°	3655.4	3723.9	3998.1	4272.4	3998.1	3723.9	3655.4	3065.2	2278.3	1884.8	1675.6
120°	3467.6	3534.2	3800.6	4067.1	3800.6	3534.2	3467.6	2928.3	2209.4	1849.9	1658.6
122.5°	3279.8	3345.5	3608.2	3871.1	3608.2	3345.5	3279.8	2794.2	2146.7	1823.1	1649.7
125°	3031.3	3091.8	3333.9	3576.0	3333.9	3091.8	3031.3	2618.9	2068.9	1793.9	1642.3
127.5°	2831.9	2882.9	3087.2	3291.5	3087.2	2882.9	2831.9	2477.7	2005.5	1769.4	1638.0
130°	2706.0	2753.2	2941.8	3130.5	2941.8	2753.2	2706.0	2390.7	1970.3	1760.1	1640.6
132.5°	2598.7	2640.9	2809.9	2978.9	2809.9	2640.9	2598.7	2316.4	1940.0	1751.8	1642.2
135°	2447.0	2483.4	2629.0	2774.8	2629.0	2483.4	2447.0	2210.6	1895.5	1737.9	1640.7
137.5°	2335.1	2364.9	2484.1	2603.3	2484.1	2364.9	2335.1	2135.2	1868.8	1735.6	1650.8
140°	2245.3	2273.1	2384.6	2496.0	2384.6	2273.1	2245.3	2072.6	1842.4	1727.3	1652.5
142.5°	2182.3	2206.2	2302.1	2398.0	2302.1	2206.2	2182.3	2030.6	1828.5	1727.3	1658.4
145°	2087.8	2105.9	2178.5	2251.1	2178.5	2105.9	2087.8	1963.7	1798.4	1715.7	1658.4
147.5°	2008.5	2023.5	2083.6	2143.7	2083.6	2023.5	2008.5	1910.9	1780.8	1715.7	1669.9
150°	1963.0	1975.1	2023.9	2072.6	2023.9	1975.1	1963.0	1880.5	1770.7	1715.7	1675.8
152.5°	1926.8	1936.0	1972.8	2009.6	1972.8	1936.0	1926.8	1856.4	1762.7	1715.7	1679.7
155°	1883.6	1889.7	1914.1	1938.5	1914.1	1889.7	1883.6	1827.6	1753.0	1715.7	1688.3
157.5°	1846.3	1850.6	1867.7	1884.8	1867.7	1850.6	1846.3	1802.8	1744.7	1715.7	1696.9
160°	1827.6	1830.1	1840.0	1849.9	1840.0	1830.1	1827.6	1790.3	1740.6	1715.7	1700.7
162.5°	1810.2	1812.5	1821.8	1831.2	1821.8	1812.5	1810.2	1778.7	1736.7	1715.7	1704.8
165°	1783.3	1785.8	1795.7	1805.5	1795.7	1785.8	1783.3	1760.8	1730.8	1715.7	1710.8
167.5°	1771.7	1772.8	1776.9	1781.0	1776.9	1772.8	1771.7	1757.0	1737.2	1727.3	1723.2
170°	1771.7	1771.7	1771.7	1771.7	1771.7	1771.7	1771.7	1757.0	1737.2	1727.3	1727.1
172.5°	1762.4	1761.5	1757.8	1754.2	1757.8	1761.5	1762.4	1750.7	1735.1	1727.3	1727.3
175°	1749.5	1749.5	1749.5	1749.5	1749.5	1749.5	1749.5	1742.1	1732.3	1727.3	1729.7
177.5°	1747.2	1746.1	1742.0	1737.9	1742.0	1746.1	1747.2	1741.4	1733.6	1729.7	1731.5
180°	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9	1737.9

TEST NUMBER: P935329

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	5015.6	5015.6	5015.6	5015.6	5015.6
2.5°	4953.9	4977.7	4991.9	5010.9	5058.3
5°	4764.1	4854.3	4882.7	4953.9	5039.3
7.5°	4346.6	4621.7	4697.6	4868.5	5001.3
10°	3943.2	4218.4	4351.2	4754.7	4953.9
12.5°	3739.2	3900.5	3990.6	4555.3	4887.5
15°	3611.0	3724.9	3791.4	4289.6	4811.6
17.5°	3511.4	3592.1	3639.6	4028.6	4707.2
20°	3449.7	3487.7	3530.4	3838.8	4588.6
22.5°	3407.0	3383.3	3416.5	3705.9	4427.2
25°	3378.5	3288.4	3326.3	3601.5	4237.4
27.5°	3402.2	3203.0	3217.2	3506.6	4038.1
30°	3407.0	3098.6	3103.3	3407.0	3815.1
32.5°	3373.8	2989.5	2994.1	3283.6	3563.6
35°	3293.2	2861.3	2856.6	3141.3	3221.9
37.5°	3184.0	2723.7	2723.7	2984.7	2847.1
40°	3051.2	2586.1	2600.4	2780.7	2514.9
42.5°	2889.7	2439.0	2458.0	2510.2	2268.2
45°	2714.2	2296.7	2310.9	2121.0	2078.3
47.5°	2519.7	2149.5	2154.3	1760.4	2016.7
50°	2287.1	1997.7	1978.7	1509.0	2012.0
52.5°	2083.1	1831.6	1774.6	1366.6	1826.9
55°	1883.8	1656.0	1532.6	1257.5	1694.0
57.5°	1708.3	1428.3	1309.6	1129.3	1665.6
60°	1546.9	1205.3	1115.1	991.7	1528.0
62.5°	1414.0	1039.2	1020.2	896.9	1385.6
65°	1271.7	925.3	920.6	816.2	1176.8
67.5°	1134.1	849.4	844.6	740.2	896.9
70°	987.0	768.7	759.3	659.5	664.3
72.5°	835.2	678.6	669.1	593.2	550.4
75°	683.3	574.2	569.4	517.2	446.0
77.5°	536.2	455.6	465.0	417.5	327.4
80°	384.4	332.2	341.6	298.9	246.8
82.5°	256.2	218.3	227.8	189.8	166.1
85°	142.4	123.4	128.1	99.6	75.9
87.5°	66.5	56.9	56.9	37.9	23.7
90°	51.3	32.6	30.3	21.0	11.7
92.5°	316.5	225.1	205.3	125.9	46.6
95°	778.7	438.6	402.3	257.1	112.0
97.5°	1048.9	481.7	449.7	321.6	193.6
100°	1147.3	517.8	488.8	372.7	256.6
102.5°	1192.4	554.0	526.9	418.6	310.2
105°	1225.9	607.7	584.8	493.0	401.3
107.5°	1232.0	687.0	665.6	580.1	494.6
110°	1222.7	731.3	712.0	634.8	557.6



TEST NUMBER: P935329

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1223.2	785.0	766.6	693.0	619.3
115°	1234.4	865.4	848.4	780.6	712.6
117.5°	1257.4	943.6	928.2	866.5	804.8
120°	1276.1	989.1	974.6	916.5	858.4
122.5°	1302.9	1042.8	1028.1	969.6	911.0
125°	1339.0	1111.6	1098.2	1044.8	991.4
127.5°	1375.1	1178.0	1164.6	1110.6	1056.7
130°	1401.6	1222.3	1207.8	1149.8	1091.7
132.5°	1422.9	1258.5	1244.0	1186.0	1127.9
135°	1446.3	1300.5	1287.3	1234.4	1181.6
137.5°	1481.2	1354.1	1341.0	1288.7	1236.3
140°	1502.6	1390.3	1378.2	1330.1	1281.9
142.5°	1520.5	1417.1	1406.0	1361.4	1316.8
145°	1543.9	1458.0	1448.2	1409.3	1370.5
147.5°	1578.1	1509.3	1499.8	1462.0	1424.1
150°	1596.0	1536.1	1527.5	1493.3	1459.1
152.5°	1607.6	1553.6	1547.1	1521.1	1495.2
155°	1633.3	1592.1	1587.3	1568.1	1548.9
157.5°	1659.0	1630.6	1625.9	1607.2	1588.5
160°	1670.6	1648.1	1644.4	1629.9	1615.4
162.5°	1683.0	1666.7	1664.0	1653.0	1642.2
165°	1700.9	1693.5	1691.1	1681.2	1671.3
167.5°	1714.9	1708.7	1707.5	1702.8	1698.2
170°	1726.6	1726.2	1725.1	1720.4	1715.7
172.5°	1727.3	1727.3	1727.1	1726.0	1725.0
175°	1734.3	1737.9	1737.9	1737.9	1737.9
177.5°	1735.2	1737.9	1737.9	1737.9	1737.9
180°	1737.9	1737.9	1737.9	1737.9	1737.9

TEST NUMBER: P935329

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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	14.66	15.56	15.59	16.50	17.72	17.52	18.41	18.44	19.35	20.57
	3H	15.14	15.95	16.08	16.90	18.14	18.87	19.67	19.81	20.62	21.87
	4H	15.34	16.09	16.29	17.05	18.30	19.32	20.08	20.27	21.04	22.29
	6H	15.46	16.16	16.42	17.12	18.38	19.61	20.31	20.58	21.27	22.54
	8H	15.46	16.12	16.43	17.10	18.37	19.69	20.36	20.66	21.34	22.60
	12H	15.43	16.06	16.41	17.04	18.32	19.73	20.37	20.71	21.34	22.63
4H	2H	15.71	16.46	16.66	17.42	18.67	17.93	18.69	18.88	19.64	20.89
	3H	16.74	17.37	17.70	18.36	19.62	19.44	20.07	20.41	21.06	22.33
	4H	17.01	17.59	17.99	18.57	19.86	19.98	20.55	20.95	21.53	22.83
	6H	17.14	17.64	18.13	18.64	19.93	20.35	20.85	21.34	21.85	23.14
	8H	17.15	17.61	18.14	18.61	19.91	20.46	20.92	21.45	21.92	23.23
	12H	17.12	17.53	18.13	18.55	19.86	20.52	20.94	21.53	21.96	23.26
8H	4H	17.47	17.94	18.46	18.94	20.24	20.10	20.57	21.09	21.57	22.87
	6H	17.74	18.12	18.75	19.16	20.46	20.55	20.93	21.56	21.97	23.27
	8H	17.78	18.12	18.80	19.14	20.46	20.70	21.04	21.73	22.07	23.39
	12H	17.76	18.06	18.79	19.08	20.45	20.81	21.10	21.83	22.13	23.49
12H	4H	17.48	17.90	18.49	18.91	20.22	20.07	20.49	21.08	21.50	22.81
	6H	17.80	18.14	18.82	19.16	20.48	20.54	20.88	21.57	21.91	23.23
	8H	17.87	18.16	18.89	19.19	20.55	20.71	21.01	21.74	22.03	23.39

END OF REPORT