

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: P935378

Luminaire Tested: SQ4-FA-100U-125D-B2750-1D-UNV-W2A-W-12-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935378
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-B2750-1D-UNV-W2A-W-12-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

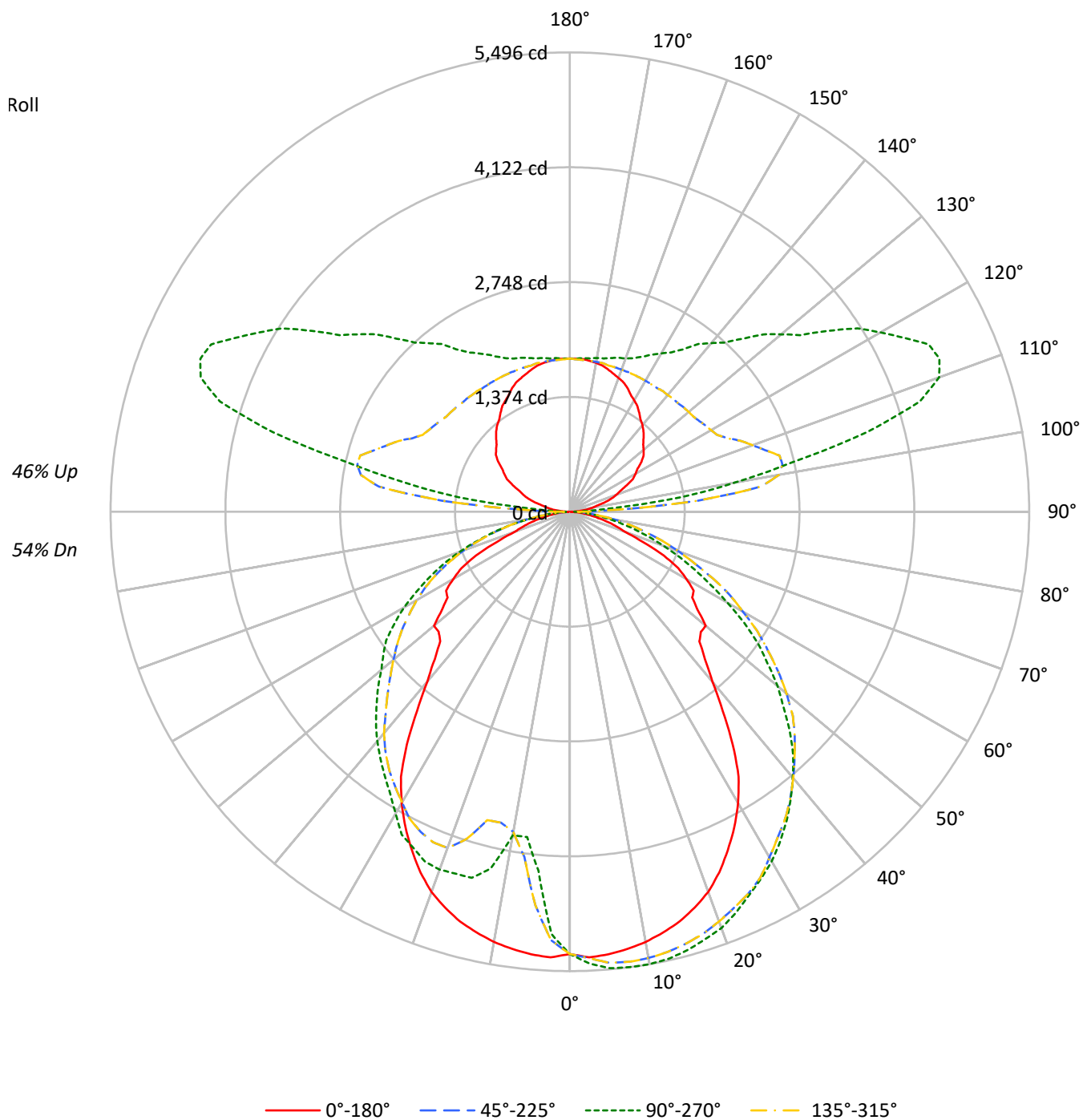
Lumens per Lamp: N/A
Luminaire Lumens: 25609.4 lumens
Efficiency: N/A
Efficacy: 124.1 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: General Diffuse

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-B2750-1D-UNV-W2A-W-12-3000K

Luminous Intensity Polar Plot



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	108	108	108	108	100	100	100	100	85	85	85	72	72	72	59	59	59
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16365	16365	16365	16365
5°	16493	16520	16493	12990
10°	16389	16273	16389	11634
15°	16217	15920	16217	13294
20°	15884	15502	15884	13321
25°	15196	14893	15196	13039
30°	14305	14387	14305	12420
35°	12759	13748	12759	11738
40°	10637	12995	10637	11223
45°	9511	12113	9511	10632
50°	10113	11062	10113	10038
55°	9523	9930	9523	9694
60°	9829	8433	9829	8879
65°	8926	6971	8926	7792
70°	6196	5555	6196	6532
75°	5453	4106	5453	4917
80°	4427	2715	4427	2956
85°	2595	1439	2595	1222

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 14568 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	477.6	1.9
10°-20°	1356.0	5.3
20°-30°	2096.2	8.2
30°-40°	2502.4	9.8
40°-50°	2517.0	9.8
50°-60°	2190.1	8.6
60°-70°	1552.8	6.1
70°-80°	821.5	3.2
80°-90°	211.6	0.8
90°-100°	893.6	3.5
100°-110°	2349.4	9.2
110°-120°	2436.0	9.5
120°-130°	1954.0	7.6
130°-140°	1533.2	6.0
140°-150°	1176.8	4.6
150°-160°	847.5	3.3
160°-170°	518.5	2.0
170°-180°	175.2	0.7
0°-30°	3929.8	15.3
0°-40°	6432.1	25.1
0°-60°	11139.3	43.5
0°-90°	13725.2	53.6
90°-120°	5679.0	22.2
90°-150°	10343.0	40.4
90°-180°	11884.0	46.4
0°-180°	25609.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5291	5291	5291	5291	5291	
5°	5316	5481	5316	4310	5316	504
15°	5076	5431	5076	4535	5076	1428
25°	4470	5066	4470	4435	4470	2052
35°	3399	4520	3399	3859	3399	2103
45°	2192	3724	2192	3269	2192	1756
55°	1787	2748	1787	2683	1787	1642
65°	1241	1657	1241	1852	1241	1186
75°	470	786	470	941	470	495
85°	80	200	80	170	80	108
90°	12	47	12	47	12	14
95°	118	540	118	540	118	131
105°	423	3679	423	3679	423	449
115°	752	4737	752	4737	752	742
125°	1046	3772	1046	3772	1046	929
135°	1246	2927	1246	2927	1246	964
145°	1446	2375	1446	2375	1446	906
155°	1634	2045	1634	2045	1634	751
165°	1763	1905	1763	1905	1763	498
175°	1833	1846	1833	1846	1833	174
180°	1833	1833	1833	1833	1833	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9
2.5°	5335.9	5335.9	5365.9	5376.0	5376.0	5360.9	5345.9	5360.9	5405.9	5421.0	5416.0
5°	5315.8	5356.0	5411.0	5421.0	5431.0	5426.0	5416.0	5426.0	5476.0	5486.1	5491.0
7.5°	5275.8	5350.9	5421.0	5436.0	5451.0	5436.0	5431.0	5441.0	5491.0	5501.1	5501.1
10°	5225.8	5330.9	5411.0	5421.0	5436.0	5421.0	5421.0	5441.0	5491.0	5501.1	5506.1
12.5°	5155.7	5300.8	5376.0	5385.9	5405.9	5400.9	5396.0	5416.0	5466.0	5476.0	5476.0
15°	5075.6	5245.8	5315.8	5325.9	5360.9	5350.9	5350.9	5370.9	5426.0	5441.0	5436.0
17.5°	4965.5	5175.7	5255.8	5270.9	5295.8	5290.9	5295.8	5315.8	5365.9	5376.0	5380.9
20°	4840.4	5080.6	5175.7	5190.7	5215.7	5215.7	5215.7	5240.8	5290.9	5310.9	5310.9
22.5°	4670.2	4980.5	5080.6	5090.6	5120.7	5120.7	5130.7	5165.7	5210.7	5215.7	5215.7
25°	4469.9	4870.3	4955.4	4985.5	5015.6	5030.6	5045.6	5065.6	5080.6	5075.6	5080.6
27.5°	4259.7	4730.2	4840.4	4860.4	4900.4	4915.4	4935.4	4940.5	4945.5	4960.5	4950.5
30°	4024.5	4535.0	4700.2	4720.2	4785.3	4795.3	4775.3	4785.3	4810.3	4820.4	4830.3
32.5°	3759.1	4244.7	4555.0	4600.1	4660.1	4630.2	4625.1	4640.1	4680.1	4680.1	4690.2
35°	3398.7	4019.4	4419.8	4459.9	4504.9	4469.9	4489.9	4495.0	4520.0	4535.0	4530.0
37.5°	3003.4	3824.2	4279.7	4309.8	4344.8	4299.7	4329.8	4344.8	4364.8	4354.8	4354.8
40°	2652.9	3518.8	4114.6	4134.6	4164.6	4129.6	4159.6	4169.6	4179.7	4169.6	4164.6
42.5°	2392.6	3183.5	3939.4	3964.4	3944.4	3969.3	3979.4	3999.4	3984.4	3964.4	3964.4
45°	2192.4	3093.4	3749.2	3779.1	3749.2	3789.2	3804.2	3804.2	3759.1	3749.2	3744.1
47.5°	2127.4	2913.2	3559.0	3559.0	3543.9	3594.0	3619.0	3583.9	3539.0	3523.9	3523.9
50°	2122.4	2713.0	3298.7	3278.6	3348.7	3408.8	3383.8	3348.7	3313.7	3258.6	3258.6
52.5°	1927.1	2467.8	2963.2	3038.4	3148.5	3183.5	3143.5	3108.5	3048.3	3023.4	3003.4
55°	1786.9	2212.5	2658.0	2808.1	2923.2	2968.3	2893.2	2858.1	2768.1	2753.0	2743.1
57.5°	1757.0	1842.0	2377.6	2567.8	2708.0	2703.0	2658.0	2592.9	2517.8	2502.8	2497.7
60°	1611.8	1331.5	2077.3	2302.5	2447.7	2432.7	2392.6	2332.6	2262.5	2252.5	2242.5
62.5°	1461.6	966.1	1736.9	1992.2	2197.4	2192.4	2157.4	2067.2	2017.3	1992.2	1972.2
65°	1241.4	810.9	1236.3	1656.9	1952.2	1962.1	1887.1	1822.0	1766.9	1736.9	1731.9
67.5°	946.1	660.7	835.9	1381.5	1716.9	1706.9	1611.8	1581.7	1511.6	1496.6	1466.6
70°	700.8	440.4	580.7	1121.3	1486.6	1461.6	1386.5	1351.5	1286.4	1251.3	1231.3
72.5°	580.7	355.4	425.5	870.9	1251.3	1221.4	1156.3	1116.3	1061.1	1031.2	1011.1
75°	470.5	375.4	325.4	645.7	1016.1	996.1	936.0	896.0	850.9	810.9	815.9
77.5°	345.4	350.4	260.3	475.5	805.9	775.9	740.8	690.8	670.8	630.7	630.7
80°	260.3	275.3	195.2	325.4	580.7	580.7	550.6	515.6	480.6	460.5	460.5
82.5°	175.2	175.2	145.1	205.2	395.5	380.4	360.4	350.4	330.4	320.4	320.4
85°	80.1	100.1	90.1	125.1	215.2	225.2	225.2	215.2	210.2	200.3	205.2
87.5°	25.0	45.1	55.0	70.1	110.1	115.2	120.1	120.1	120.1	125.1	125.1
90°	12.3	22.2	31.9	34.4	54.1	80.4	93.5	83.1	62.3	46.7	46.7
92.5°	49.2	132.8	216.5	237.4	333.9	462.3	526.6	461.5	331.4	233.8	224.5
95°	118.1	271.2	424.4	462.6	821.4	1299.9	1539.1	1373.5	1042.1	793.5	765.3
97.5°	204.2	339.3	474.4	508.2	1106.5	1904.3	2303.2	2198.5	1989.1	1832.0	1778.4
100°	270.7	393.1	515.6	546.2	1210.2	2095.5	2538.3	2546.0	2561.2	2572.7	2508.9
102.5°	327.3	441.5	555.8	584.4	1257.8	2155.8	2604.7	2738.1	3004.9	3205.1	3150.4
105°	423.3	520.0	616.8	641.0	1293.1	2162.6	2597.3	2896.5	3494.7	3943.3	3913.9
107.5°	521.7	611.9	702.1	724.7	1299.6	2066.3	2449.6	2866.9	3701.3	4327.2	4334.3
110°	588.1	669.6	751.0	771.4	1289.8	1981.0	2326.6	2793.0	3725.9	4425.6	4456.2

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	653.3	731.0	808.6	828.0	1290.3	1906.5	2214.7	2692.1	3646.8	4362.9	4409.9
115°	751.7	823.4	895.0	912.9	1302.1	1821.0	2080.6	2540.4	3460.2	4150.0	4215.2
117.5°	848.9	914.0	979.1	995.4	1326.4	1767.6	1988.3	2403.3	3233.4	3856.0	3928.2
120°	905.5	966.8	1028.1	1043.4	1346.1	1749.7	1951.4	2330.6	3089.0	3657.9	3728.2
122.5°	961.0	1022.8	1084.5	1100.0	1374.4	1740.2	1923.1	2264.5	2947.5	3459.8	3529.1
125°	1045.9	1102.2	1158.5	1172.6	1412.4	1732.4	1892.3	2182.4	2762.6	3197.7	3261.5
127.5°	1114.7	1171.6	1228.5	1242.7	1450.6	1727.9	1866.5	2115.6	2613.7	2987.3	3041.1
130°	1151.6	1212.9	1274.1	1289.4	1478.5	1730.6	1856.6	2078.4	2521.9	2854.5	2904.3
132.5°	1189.8	1251.0	1312.3	1327.6	1501.0	1732.3	1848.0	2046.4	2443.5	2741.3	2785.8
135°	1246.4	1302.1	1357.9	1371.8	1525.6	1730.7	1833.3	1999.5	2331.9	2581.2	2619.7
137.5°	1304.2	1359.4	1414.6	1428.4	1562.5	1741.4	1830.8	1971.3	2252.4	2463.2	2494.7
140°	1352.2	1403.1	1453.9	1466.6	1585.1	1743.1	1822.1	1943.5	2186.4	2368.5	2397.9
142.5°	1389.1	1436.1	1483.1	1494.9	1603.9	1749.4	1822.1	1928.8	2142.1	2302.0	2327.3
145°	1445.7	1486.7	1527.7	1538.0	1628.6	1749.5	1809.9	1897.1	2071.5	2202.3	2221.5
147.5°	1502.3	1542.2	1582.1	1592.1	1664.7	1761.5	1809.9	1878.5	2015.8	2118.7	2134.6
150°	1539.1	1575.2	1611.3	1620.4	1683.6	1767.8	1809.9	1867.9	1983.7	2070.7	2083.5
152.5°	1577.3	1604.6	1632.0	1638.8	1695.8	1771.8	1809.9	1859.4	1958.3	2032.5	2042.2
155°	1633.9	1654.1	1674.4	1679.5	1722.9	1780.9	1809.9	1849.2	1927.9	1987.0	1993.4
157.5°	1675.7	1695.4	1715.1	1720.1	1750.1	1790.0	1809.9	1840.5	1901.7	1947.6	1952.2
160°	1704.0	1719.4	1734.7	1738.5	1762.3	1794.0	1809.9	1836.1	1888.6	1927.9	1930.5
162.5°	1732.3	1743.7	1755.3	1758.1	1775.4	1798.4	1809.9	1832.0	1876.3	1909.5	1912.0
165°	1763.1	1773.4	1783.9	1786.4	1794.2	1804.7	1809.9	1825.8	1857.4	1881.2	1883.8
167.5°	1791.4	1796.3	1801.2	1802.5	1809.0	1817.8	1822.1	1832.6	1853.4	1869.0	1870.0
170°	1809.9	1814.8	1819.8	1820.9	1821.3	1821.8	1822.1	1832.6	1853.4	1869.0	1869.0
172.5°	1819.7	1820.7	1821.8	1822.1	1822.1	1822.1	1822.1	1830.3	1846.8	1859.1	1858.1
175°	1833.3	1833.3	1833.3	1833.3	1829.5	1824.6	1822.1	1827.4	1837.7	1845.5	1845.5
177.5°	1833.3	1833.3	1833.3	1833.3	1830.4	1826.6	1824.6	1828.7	1836.9	1843.0	1841.9
180°	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9
2.5°	5426.0	5411.0	5426.0	5416.0	5421.0	5405.9	5360.9	5345.9	5360.9	5376.0	5376.0
5°	5491.0	5481.1	5491.0	5491.0	5486.1	5476.0	5426.0	5416.0	5426.0	5431.0	5421.0
7.5°	5511.0	5496.1	5511.0	5501.1	5501.1	5491.0	5441.0	5431.0	5436.0	5451.0	5436.0
10°	5511.0	5496.1	5511.0	5506.1	5501.1	5491.0	5441.0	5421.0	5421.0	5436.0	5421.0
12.5°	5486.1	5476.0	5486.1	5476.0	5476.0	5466.0	5416.0	5396.0	5400.9	5405.9	5385.9
15°	5446.0	5431.0	5446.0	5436.0	5441.0	5426.0	5370.9	5350.9	5350.9	5360.9	5325.9
17.5°	5385.9	5365.9	5385.9	5380.9	5376.0	5365.9	5315.8	5295.8	5290.9	5295.8	5270.9
20°	5315.8	5300.8	5315.8	5310.9	5310.9	5290.9	5240.8	5215.7	5215.7	5215.7	5190.7
22.5°	5205.8	5190.7	5205.8	5215.7	5215.7	5210.7	5165.7	5130.7	5120.7	5120.7	5090.6
25°	5080.6	5065.6	5080.6	5080.6	5075.6	5080.6	5065.6	5045.6	5030.6	5015.6	4985.5
27.5°	4960.5	4950.5	4960.5	4950.5	4960.5	4945.5	4940.5	4935.4	4915.4	4900.4	4860.4
30°	4840.4	4830.3	4840.4	4830.3	4820.4	4810.3	4785.3	4775.3	4795.3	4785.3	4720.2
32.5°	4690.2	4680.1	4690.2	4690.2	4680.1	4680.1	4640.1	4625.1	4630.2	4660.1	4600.1
35°	4535.0	4520.0	4535.0	4530.0	4535.0	4520.0	4495.0	4489.9	4469.9	4504.9	4459.9
37.5°	4354.8	4339.8	4354.8	4354.8	4354.8	4364.8	4344.8	4329.8	4299.7	4344.8	4309.8
40°	4169.6	4149.6	4169.6	4164.6	4169.6	4179.7	4169.6	4159.6	4129.6	4164.6	4134.6
42.5°	3959.4	3954.4	3959.4	3964.4	3964.4	3984.4	3999.4	3979.4	3969.3	3944.4	3964.4
45°	3734.1	3724.1	3734.1	3744.1	3749.2	3759.1	3804.2	3804.2	3789.2	3749.2	3779.1
47.5°	3493.9	3468.8	3493.9	3523.9	3523.9	3539.0	3583.9	3619.0	3594.0	3543.9	3559.0
50°	3238.6	3243.5	3238.6	3258.6	3258.6	3313.7	3348.7	3383.8	3408.8	3348.7	3278.6
52.5°	2988.3	2983.3	2988.3	3003.4	3023.4	3048.3	3108.5	3143.5	3183.5	3148.5	3038.4
55°	2738.0	2748.1	2738.0	2743.1	2753.0	2768.1	2858.1	2893.2	2968.3	2923.2	2808.1
57.5°	2487.8	2472.7	2487.8	2497.7	2502.8	2517.8	2592.9	2658.0	2703.0	2708.0	2567.8
60°	2197.4	2177.4	2197.4	2242.5	2252.5	2262.5	2332.6	2392.6	2432.7	2447.7	2302.5
62.5°	1942.1	1907.1	1942.1	1972.2	1992.2	2017.3	2067.2	2157.4	2192.4	2197.4	1992.2
65°	1671.9	1656.9	1671.9	1731.9	1736.9	1766.9	1822.0	1887.1	1962.1	1952.2	1656.9
67.5°	1426.5	1426.5	1426.5	1466.6	1496.6	1511.6	1581.7	1611.8	1706.9	1716.9	1381.5
70°	1201.3	1196.3	1201.3	1231.3	1251.3	1286.4	1351.5	1386.5	1461.6	1486.6	1121.3
72.5°	986.1	981.1	986.1	1011.1	1031.2	1061.1	1116.3	1156.3	1221.4	1251.3	870.9
75°	795.9	785.8	795.9	815.9	810.9	850.9	896.0	936.0	996.1	1016.1	645.7
77.5°	610.6	610.6	610.6	630.7	630.7	670.8	690.8	740.8	775.9	805.9	475.5
80°	455.5	450.5	455.5	460.5	460.5	480.6	515.6	550.6	580.7	580.7	325.4
82.5°	320.4	310.3	320.4	320.4	320.4	330.4	350.4	360.4	380.4	395.5	205.2
85°	200.3	200.3	200.3	205.2	200.3	210.2	215.2	225.2	225.2	215.2	125.1
87.5°	130.2	125.1	130.2	125.1	125.1	120.1	120.1	120.1	115.2	110.1	70.1
90°	46.7	46.7	46.7	46.7	46.7	62.3	83.1	93.5	80.4	54.1	34.4
92.5°	187.2	150.1	187.2	224.5	233.8	331.4	461.5	526.6	462.3	333.9	237.4
95°	652.7	540.1	652.7	765.3	793.5	1042.1	1373.5	1539.1	1299.9	821.4	462.6
97.5°	1564.1	1349.7	1564.1	1778.4	1832.0	1989.1	2198.5	2303.2	1904.3	1106.5	508.2
100°	2253.5	1998.1	2253.5	2508.9	2572.7	2561.2	2546.0	2538.3	2095.5	1210.2	546.2
102.5°	2931.7	2713.0	2931.7	3150.4	3205.1	3004.9	2738.1	2604.7	2155.8	1257.8	584.4
105°	3796.3	3678.8	3796.3	3913.9	3943.3	3494.7	2896.5	2597.3	2162.6	1293.1	641.0
107.5°	4362.8	4391.2	4362.8	4334.3	4327.2	3701.3	2866.9	2449.6	2066.3	1299.6	724.7
110°	4578.7	4701.2	4578.7	4456.2	4425.6	3725.9	2793.0	2326.6	1981.0	1289.8	771.4

TEST NUMBER: P935378

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-W2A-W-12-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	4598.0	4786.1	4598.0	4409.9	4362.9	3646.8	2692.1	2214.7	1906.5	1290.3	828.0
115°	4476.0	4736.8	4476.0	4215.2	4150.0	3460.2	2540.4	2080.6	1821.0	1302.1	912.9
117.5°	4217.5	4506.8	4217.5	3928.2	3856.0	3233.4	2403.3	1988.3	1767.6	1326.4	995.4
120°	4009.2	4290.3	4009.2	3728.2	3657.9	3089.0	2330.6	1951.4	1749.7	1346.1	1043.4
122.5°	3806.3	4083.5	3806.3	3529.1	3459.8	2947.5	2264.5	1923.1	1740.2	1374.4	1100.0
125°	3516.9	3772.2	3516.9	3261.5	3197.7	2762.6	2182.4	1892.3	1732.4	1412.4	1172.6
127.5°	3256.7	3472.1	3256.7	3041.1	2987.3	2613.7	2115.6	1866.5	1727.9	1450.6	1242.7
130°	3103.2	3302.3	3103.2	2904.3	2854.5	2521.9	2078.4	1856.6	1730.6	1478.5	1289.4
132.5°	2964.1	3142.4	2964.1	2785.8	2741.3	2443.5	2046.4	1848.0	1732.3	1501.0	1327.6
135°	2773.3	2927.0	2773.3	2619.7	2581.2	2331.9	1999.5	1833.3	1730.7	1525.6	1371.8
137.5°	2620.4	2746.2	2620.4	2494.7	2463.2	2252.4	1971.3	1830.8	1741.4	1562.5	1428.4
140°	2515.5	2633.0	2515.5	2397.9	2368.5	2186.4	1943.5	1822.1	1743.1	1585.1	1466.6
142.5°	2428.4	2529.6	2428.4	2327.3	2302.0	2142.1	1928.8	1822.1	1749.4	1603.9	1494.9
145°	2298.1	2374.6	2298.1	2221.5	2202.3	2071.5	1897.1	1809.9	1749.5	1628.6	1538.0
147.5°	2198.0	2261.4	2198.0	2134.6	2118.7	2015.8	1878.5	1809.9	1761.5	1664.7	1592.1
150°	2135.0	2186.4	2135.0	2083.5	2070.7	1983.7	1867.9	1809.9	1767.8	1683.6	1620.4
152.5°	2081.1	2119.9	2081.1	2042.2	2032.5	1958.3	1859.4	1809.9	1771.8	1695.8	1638.8
155°	2019.1	2044.9	2019.1	1993.4	1987.0	1927.9	1849.2	1809.9	1780.9	1722.9	1679.5
157.5°	1970.2	1988.3	1970.2	1952.2	1947.6	1901.7	1840.5	1809.9	1790.0	1750.1	1720.1
160°	1940.9	1951.4	1940.9	1930.5	1927.9	1888.6	1836.1	1809.9	1794.0	1762.3	1738.5
162.5°	1921.8	1931.7	1921.8	1912.0	1909.5	1876.3	1832.0	1809.9	1798.4	1775.4	1758.1
165°	1894.2	1904.6	1894.2	1883.8	1881.2	1857.4	1825.8	1809.9	1804.7	1794.2	1786.4
167.5°	1874.4	1878.7	1874.4	1870.0	1869.0	1853.4	1832.6	1822.1	1817.8	1809.0	1802.5
170°	1869.0	1869.0	1869.0	1869.0	1869.0	1853.4	1832.6	1822.1	1821.8	1821.3	1820.9
172.5°	1854.3	1850.4	1854.3	1858.1	1859.1	1846.8	1830.3	1822.1	1822.1	1822.1	1822.1
175°	1845.5	1845.5	1845.5	1845.5	1845.5	1837.7	1827.4	1822.1	1824.6	1829.5	1833.3
177.5°	1837.6	1833.3	1837.6	1841.9	1843.0	1836.9	1828.7	1824.6	1826.6	1830.4	1833.3
180°	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3

TEST NUMBER: P935378

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-W2A-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9
2.5°	5365.9	5335.9	5335.9	5285.8	5265.8	5250.8	5225.8	5150.7	5130.7	5110.6	5140.7
5°	5411.0	5356.0	5315.8	5225.8	5150.7	5120.7	5025.5	4845.3	4725.2	4635.1	4585.1
7.5°	5421.0	5350.9	5275.8	5135.7	4955.4	4875.4	4585.1	4254.7	4164.6	4084.5	4034.4
10°	5411.0	5330.9	5225.8	5015.6	4590.0	4449.9	4159.6	3944.4	3889.3	3874.3	3889.3
12.5°	5376.0	5300.8	5155.7	4805.3	4209.6	4114.6	3944.4	3819.2	3809.2	3834.3	3969.3
15°	5315.8	5245.8	5075.6	4525.0	3999.4	3929.3	3809.2	3764.2	3819.2	3994.4	4399.8
17.5°	5255.8	5175.7	4965.5	4249.7	3839.3	3789.2	3704.1	3794.2	4104.5	4339.8	4475.0
20°	5175.7	5080.6	4840.4	4049.5	3724.1	3679.1	3639.0	4044.5	4279.7	4364.8	4439.9
22.5°	5080.6	4980.5	4670.2	3909.3	3604.0	3568.9	3594.0	4184.6	4279.7	4339.8	4404.9
25°	4955.4	4870.3	4469.9	3799.2	3508.9	3468.8	3563.9	4169.6	4224.6	4239.7	4369.9
27.5°	4840.4	4730.2	4259.7	3699.1	3393.7	3378.7	3588.9	4104.5	4144.6	4159.6	4299.7
30°	4700.2	4535.0	4024.5	3594.0	3273.6	3268.6	3594.0	4024.5	4014.4	4054.4	4194.6
32.5°	4555.0	4244.7	3759.1	3463.8	3158.5	3153.5	3559.0	3904.3	3894.3	3949.3	4054.4
35°	4419.8	4019.4	3398.7	3313.7	3013.3	3018.3	3473.9	3764.2	3769.2	3819.2	3884.2
37.5°	4279.7	3824.2	3003.4	3148.5	2873.2	2873.2	3358.7	3634.0	3624.0	3639.0	3729.2
40°	4114.6	3518.8	2652.9	2933.3	2743.1	2728.0	3218.6	3493.9	3458.8	3453.9	3579.0
42.5°	3939.4	3183.5	2392.6	2647.9	2592.9	2572.9	3048.3	3323.7	3258.6	3273.6	3433.7
45°	3749.2	3093.4	2192.4	2237.4	2437.7	2422.7	2863.1	3128.5	3083.4	3123.5	3288.6
47.5°	3559.0	2913.2	2127.4	1857.0	2272.5	2267.5	2658.0	2938.3	2913.2	2953.3	3128.5
50°	3298.7	2713.0	2122.4	1591.8	2087.3	2107.3	2412.6	2753.0	2753.0	2788.1	2973.3
52.5°	2963.2	2467.8	1927.1	1441.6	1872.0	1932.2	2197.4	2592.9	2602.8	2637.9	2803.1
55°	2658.0	2212.5	1786.9	1326.5	1616.7	1746.9	1987.2	2427.6	2447.7	2482.7	2632.9
57.5°	2377.6	1842.0	1757.0	1191.3	1381.5	1506.7	1802.0	2267.5	2277.6	2307.5	2452.7
60°	2077.3	1331.5	1611.8	1046.1	1176.3	1271.4	1631.8	2077.3	2112.3	2132.3	2257.4
62.5°	1736.9	966.1	1461.6	946.1	1076.2	1096.2	1491.6	1897.1	1942.1	1957.1	2032.2
65°	1236.3	810.9	1241.4	861.0	971.1	976.0	1341.5	1711.9	1751.9	1777.0	1832.0
67.5°	835.9	660.7	946.1	780.8	890.9	896.0	1196.3	1496.6	1551.7	1571.8	1606.8
70°	580.7	440.4	700.8	695.7	800.9	810.9	1041.1	1301.4	1351.5	1366.5	1386.5
72.5°	425.5	355.4	580.7	625.7	705.8	715.8	881.0	1081.1	1131.2	1146.2	1156.3
75°	325.4	375.4	470.5	545.6	600.7	605.7	720.8	881.0	916.0	926.1	931.0
77.5°	260.3	350.4	345.4	440.4	490.5	480.6	565.7	680.7	710.8	710.8	710.8
80°	195.2	275.3	260.3	315.3	360.4	350.4	405.4	485.5	495.6	505.5	500.6
82.5°	145.1	175.2	175.2	200.3	240.3	230.2	270.3	315.3	315.3	315.3	325.4
85°	90.1	100.1	80.1	105.1	135.2	130.2	150.2	170.2	175.2	175.2	165.2
87.5°	55.0	45.1	25.0	40.0	60.0	60.0	70.1	75.0	70.1	70.1	70.1
90°	31.9	22.2	12.3	22.2	31.9	34.4	54.1	80.4	93.5	83.1	62.3
92.5°	216.5	132.8	49.2	132.8	216.5	237.4	333.9	462.3	526.6	461.5	331.4
95°	424.4	271.2	118.1	271.2	424.4	462.6	821.4	1299.9	1539.1	1373.5	1042.1
97.5°	474.4	339.3	204.2	339.3	474.4	508.2	1106.5	1904.3	2303.2	2198.5	1989.1
100°	515.6	393.1	270.7	393.1	515.6	546.2	1210.2	2095.5	2538.3	2546.0	2561.2
102.5°	555.8	441.5	327.3	441.5	555.8	584.4	1257.8	2155.8	2604.7	2738.1	3004.9
105°	616.8	520.0	423.3	520.0	616.8	641.0	1293.1	2162.6	2597.3	2896.5	3494.7
107.5°	702.1	611.9	521.7	611.9	702.1	724.7	1299.6	2066.3	2449.6	2866.9	3701.3
110°	751.0	669.6	588.1	669.6	751.0	771.4	1289.8	1981.0	2326.6	2793.0	3725.9

TEST NUMBER: P935378

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-W2A-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	808.6	731.0	653.3	731.0	808.6	828.0	1290.3	1906.5	2214.7	2692.1	3646.8
115°	895.0	823.4	751.7	823.4	895.0	912.9	1302.1	1821.0	2080.6	2540.4	3460.2
117.5°	979.1	914.0	848.9	914.0	979.1	995.4	1326.4	1767.6	1988.3	2403.3	3233.4
120°	1028.1	966.8	905.5	966.8	1028.1	1043.4	1346.1	1749.7	1951.4	2330.6	3089.0
122.5°	1084.5	1022.8	961.0	1022.8	1084.5	1100.0	1374.4	1740.2	1923.1	2264.5	2947.5
125°	1158.5	1102.2	1045.9	1102.2	1158.5	1172.6	1412.4	1732.4	1892.3	2182.4	2762.6
127.5°	1228.5	1171.6	1114.7	1171.6	1228.5	1242.7	1450.6	1727.9	1866.5	2115.6	2613.7
130°	1274.1	1212.9	1151.6	1212.9	1274.1	1289.4	1478.5	1730.6	1856.6	2078.4	2521.9
132.5°	1312.3	1251.0	1189.8	1251.0	1312.3	1327.6	1501.0	1732.3	1848.0	2046.4	2443.5
135°	1357.9	1302.1	1246.4	1302.1	1357.9	1371.8	1525.6	1730.7	1833.3	1999.5	2331.9
137.5°	1414.6	1359.4	1304.2	1359.4	1414.6	1428.4	1562.5	1741.4	1830.8	1971.3	2252.4
140°	1453.9	1403.1	1352.2	1403.1	1453.9	1466.6	1585.1	1743.1	1822.1	1943.5	2186.4
142.5°	1483.1	1436.1	1389.1	1436.1	1483.1	1494.9	1603.9	1749.4	1822.1	1928.8	2142.1
145°	1527.7	1486.7	1445.7	1486.7	1527.7	1538.0	1628.6	1749.5	1809.9	1897.1	2071.5
147.5°	1582.1	1542.2	1502.3	1542.2	1582.1	1592.1	1664.7	1761.5	1809.9	1878.5	2015.8
150°	1611.3	1575.2	1539.1	1575.2	1611.3	1620.4	1683.6	1767.8	1809.9	1867.9	1983.7
152.5°	1632.0	1604.6	1577.3	1604.6	1632.0	1638.8	1695.8	1771.8	1809.9	1859.4	1958.3
155°	1674.4	1654.1	1633.9	1654.1	1674.4	1679.5	1722.9	1780.9	1809.9	1849.2	1927.9
157.5°	1715.1	1695.4	1675.7	1695.4	1715.1	1720.1	1750.1	1790.0	1809.9	1840.5	1901.7
160°	1734.7	1719.4	1704.0	1719.4	1734.7	1738.5	1762.3	1794.0	1809.9	1836.1	1888.6
162.5°	1755.3	1743.7	1732.3	1743.7	1755.3	1758.1	1775.4	1798.4	1809.9	1832.0	1876.3
165°	1783.9	1773.4	1763.1	1773.4	1783.9	1786.4	1794.2	1804.7	1809.9	1825.8	1857.4
167.5°	1801.2	1796.3	1791.4	1796.3	1801.2	1802.5	1809.0	1817.8	1822.1	1832.6	1853.4
170°	1819.8	1814.8	1809.9	1814.8	1819.8	1820.9	1821.3	1821.8	1822.1	1832.6	1853.4
172.5°	1821.8	1820.7	1819.7	1820.7	1821.8	1822.1	1822.1	1822.1	1822.1	1830.3	1846.8
175°	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1829.5	1824.6	1822.1	1827.4	1837.7
177.5°	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1830.4	1826.6	1824.6	1828.7	1836.9
180°	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3

TEST NUMBER: P935378

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-W2A-W-12-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9
2.5°	5105.6	5090.6	5110.6	5055.6	5110.6	5090.6	5105.6	5140.7	5110.6	5130.7	5150.7
5°	4480.0	4454.9	4374.8	4309.8	4374.8	4454.9	4480.0	4585.1	4635.1	4725.2	4845.3
7.5°	4004.4	3984.4	3964.4	3924.4	3964.4	3984.4	4004.4	4034.4	4084.5	4164.6	4254.7
10°	3899.3	3904.3	3934.3	3929.3	3934.3	3904.3	3899.3	3889.3	3874.3	3889.3	3944.4
12.5°	4169.6	4214.7	4379.8	4369.9	4379.8	4214.7	4169.6	3969.3	3834.3	3809.2	3819.2
15°	4480.0	4495.0	4530.0	4535.0	4530.0	4495.0	4480.0	4399.8	3994.4	3819.2	3764.2
17.5°	4510.0	4515.0	4540.0	4540.0	4540.0	4515.0	4510.0	4475.0	4339.8	4104.5	3794.2
20°	4484.9	4495.0	4545.1	4555.0	4545.1	4495.0	4484.9	4439.9	4364.8	4279.7	4044.5
22.5°	4475.0	4495.0	4535.0	4530.0	4535.0	4495.0	4475.0	4404.9	4339.8	4279.7	4184.6
25°	4424.9	4424.9	4429.9	4434.9	4429.9	4424.9	4424.9	4369.9	4239.7	4224.6	4169.6
27.5°	4319.8	4329.8	4359.8	4354.8	4359.8	4329.8	4319.8	4299.7	4159.6	4144.6	4104.5
30°	4224.6	4214.7	4189.6	4169.6	4189.6	4214.7	4224.6	4194.6	4054.4	4014.4	4024.5
32.5°	4064.5	4039.4	4014.4	3999.4	4014.4	4039.4	4064.5	4054.4	3949.3	3894.3	3904.3
35°	3874.3	3879.3	3874.3	3859.3	3874.3	3879.3	3874.3	3884.2	3819.2	3769.2	3764.2
37.5°	3739.1	3749.2	3744.1	3724.1	3744.1	3749.2	3739.1	3729.2	3639.0	3624.0	3634.0
40°	3599.0	3604.0	3599.0	3583.9	3599.0	3604.0	3599.0	3579.0	3453.9	3458.8	3493.9
42.5°	3463.8	3458.8	3443.8	3433.7	3443.8	3458.8	3463.8	3433.7	3273.6	3258.6	3323.7
45°	3308.6	3313.7	3283.6	3268.6	3283.6	3313.7	3308.6	3288.6	3123.5	3083.4	3128.5
47.5°	3153.5	3153.5	3128.5	3113.4	3128.5	3153.5	3153.5	3128.5	2953.3	2913.2	2938.3
50°	2988.3	2983.3	2948.2	2943.2	2948.2	2983.3	2988.3	2973.3	2788.1	2753.0	2753.0
52.5°	2798.1	2798.1	2803.1	2813.1	2803.1	2798.1	2798.1	2803.1	2637.9	2602.8	2592.9
55°	2632.9	2637.9	2672.9	2683.0	2672.9	2637.9	2632.9	2632.9	2482.7	2447.7	2427.6
57.5°	2462.7	2462.7	2487.8	2487.8	2487.8	2462.7	2462.7	2452.7	2307.5	2277.6	2267.5
60°	2267.5	2277.6	2297.6	2292.5	2297.6	2277.6	2267.5	2257.4	2132.3	2112.3	2077.3
62.5°	2062.3	2072.3	2077.3	2067.2	2077.3	2072.3	2062.3	2032.2	1957.1	1942.1	1897.1
65°	1847.1	1857.0	1862.1	1852.0	1862.1	1857.0	1847.1	1832.0	1777.0	1751.9	1711.9
67.5°	1626.8	1621.8	1616.7	1636.8	1616.7	1621.8	1626.8	1606.8	1571.8	1551.7	1496.6
70°	1401.5	1401.5	1396.6	1406.5	1396.6	1401.5	1401.5	1386.5	1366.5	1351.5	1301.4
72.5°	1161.3	1156.3	1176.3	1161.3	1176.3	1156.3	1161.3	1156.3	1146.2	1131.2	1081.1
75°	926.1	936.0	926.1	941.0	926.1	936.0	926.1	931.0	926.1	916.0	881.0
77.5°	705.8	715.8	705.8	705.8	705.8	715.8	705.8	710.8	710.8	710.8	680.7
80°	500.6	495.6	495.6	490.5	495.6	495.6	500.6	500.6	505.5	495.6	485.5
82.5°	320.4	315.3	315.3	325.4	315.3	315.3	320.4	325.4	315.3	315.3	315.3
85°	175.2	180.2	170.2	170.2	170.2	180.2	175.2	165.2	175.2	175.2	170.2
87.5°	65.1	60.0	60.0	60.0	60.0	60.0	65.1	70.1	70.1	70.1	75.0
90°	46.7	46.7	46.7	46.7	46.7	46.7	46.7	62.3	83.1	93.5	80.4
92.5°	233.8	224.5	187.2	150.1	187.2	224.5	233.8	331.4	461.5	526.6	462.3
95°	793.5	765.3	652.7	540.1	652.7	765.3	793.5	1042.1	1373.5	1539.1	1299.9
97.5°	1832.0	1778.4	1564.1	1349.7	1564.1	1778.4	1832.0	1989.1	2198.5	2303.2	1904.3
100°	2572.7	2508.9	2253.5	1998.1	2253.5	2508.9	2572.7	2561.2	2546.0	2538.3	2095.5
102.5°	3205.1	3150.4	2931.7	2713.0	2931.7	3150.4	3205.1	3004.9	2738.1	2604.7	2155.8
105°	3943.3	3913.9	3796.3	3678.8	3796.3	3913.9	3943.3	3494.7	2896.5	2597.3	2162.6
107.5°	4327.2	4334.3	4362.8	4391.2	4362.8	4334.3	4327.2	3701.3	2866.9	2449.6	2066.3
110°	4425.6	4456.2	4578.7	4701.2	4578.7	4456.2	4425.6	3725.9	2793.0	2326.6	1981.0

TEST NUMBER: P935378

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-W2A-W-12-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	4362.9	4409.9	4598.0	4786.1	4598.0	4409.9	4362.9	3646.8	2692.1	2214.7	1906.5
115°	4150.0	4215.2	4476.0	4736.8	4476.0	4215.2	4150.0	3460.2	2540.4	2080.6	1821.0
117.5°	3856.0	3928.2	4217.5	4506.8	4217.5	3928.2	3856.0	3233.4	2403.3	1988.3	1767.6
120°	3657.9	3728.2	4009.2	4290.3	4009.2	3728.2	3657.9	3089.0	2330.6	1951.4	1749.7
122.5°	3459.8	3529.1	3806.3	4083.5	3806.3	3529.1	3459.8	2947.5	2264.5	1923.1	1740.2
125°	3197.7	3261.5	3516.9	3772.2	3516.9	3261.5	3197.7	2762.6	2182.4	1892.3	1732.4
127.5°	2987.3	3041.1	3256.7	3472.1	3256.7	3041.1	2987.3	2613.7	2115.6	1866.5	1727.9
130°	2854.5	2904.3	3103.2	3302.3	3103.2	2904.3	2854.5	2521.9	2078.4	1856.6	1730.6
132.5°	2741.3	2785.8	2964.1	3142.4	2964.1	2785.8	2741.3	2443.5	2046.4	1848.0	1732.3
135°	2581.2	2619.7	2773.3	2927.0	2773.3	2619.7	2581.2	2331.9	1999.5	1833.3	1730.7
137.5°	2463.2	2494.7	2620.4	2746.2	2620.4	2494.7	2463.2	2252.4	1971.3	1830.8	1741.4
140°	2368.5	2397.9	2515.5	2633.0	2515.5	2397.9	2368.5	2186.4	1943.5	1822.1	1743.1
142.5°	2302.0	2327.3	2428.4	2529.6	2428.4	2327.3	2302.0	2142.1	1928.8	1822.1	1749.4
145°	2202.3	2221.5	2298.1	2374.6	2298.1	2221.5	2202.3	2071.5	1897.1	1809.9	1749.5
147.5°	2118.7	2134.6	2198.0	2261.4	2198.0	2134.6	2118.7	2015.8	1878.5	1809.9	1761.5
150°	2070.7	2083.5	2135.0	2186.4	2135.0	2083.5	2070.7	1983.7	1867.9	1809.9	1767.8
152.5°	2032.5	2042.2	2081.1	2119.9	2081.1	2042.2	2032.5	1958.3	1859.4	1809.9	1771.8
155°	1987.0	1993.4	2019.1	2044.9	2019.1	1993.4	1987.0	1927.9	1849.2	1809.9	1780.9
157.5°	1947.6	1952.2	1970.2	1988.3	1970.2	1952.2	1947.6	1901.7	1840.5	1809.9	1790.0
160°	1927.9	1930.5	1940.9	1951.4	1940.9	1930.5	1927.9	1888.6	1836.1	1809.9	1794.0
162.5°	1909.5	1912.0	1921.8	1931.7	1921.8	1912.0	1909.5	1876.3	1832.0	1809.9	1798.4
165°	1881.2	1883.8	1894.2	1904.6	1894.2	1883.8	1881.2	1857.4	1825.8	1809.9	1804.7
167.5°	1869.0	1870.0	1874.4	1878.7	1874.4	1870.0	1869.0	1853.4	1832.6	1822.1	1817.8
170°	1869.0	1869.0	1869.0	1869.0	1869.0	1869.0	1869.0	1853.4	1832.6	1822.1	1821.8
172.5°	1859.1	1858.1	1854.3	1850.4	1854.3	1858.1	1859.1	1846.8	1830.3	1822.1	1822.1
175°	1845.5	1845.5	1845.5	1845.5	1845.5	1845.5	1845.5	1837.7	1827.4	1822.1	1824.6
177.5°	1843.0	1841.9	1837.6	1833.3	1837.6	1841.9	1843.0	1836.9	1828.7	1824.6	1826.6
180°	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3	1833.3

TEST NUMBER: P935378

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-W2A-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	5290.9	5290.9	5290.9	5290.9	5290.9
2.5°	5225.8	5250.8	5265.8	5285.8	5335.9
5°	5025.5	5120.7	5150.7	5225.8	5315.8
7.5°	4585.1	4875.4	4955.4	5135.7	5275.8
10°	4159.6	4449.9	4590.0	5015.6	5225.8
12.5°	3944.4	4114.6	4209.6	4805.3	5155.7
15°	3809.2	3929.3	3999.4	4525.0	5075.6
17.5°	3704.1	3789.2	3839.3	4249.7	4965.5
20°	3639.0	3679.1	3724.1	4049.5	4840.4
22.5°	3594.0	3568.9	3604.0	3909.3	4670.2
25°	3563.9	3468.8	3508.9	3799.2	4469.9
27.5°	3588.9	3378.7	3393.7	3699.1	4259.7
30°	3594.0	3268.6	3273.6	3594.0	4024.5
32.5°	3559.0	3153.5	3158.5	3463.8	3759.1
35°	3473.9	3018.3	3013.3	3313.7	3398.7
37.5°	3358.7	2873.2	2873.2	3148.5	3003.4
40°	3218.6	2728.0	2743.1	2933.3	2652.9
42.5°	3048.3	2572.9	2592.9	2647.9	2392.6
45°	2863.1	2422.7	2437.7	2237.4	2192.4
47.5°	2658.0	2267.5	2272.5	1857.0	2127.4
50°	2412.6	2107.3	2087.3	1591.8	2122.4
52.5°	2197.4	1932.2	1872.0	1441.6	1927.1
55°	1987.2	1746.9	1616.7	1326.5	1786.9
57.5°	1802.0	1506.7	1381.5	1191.3	1757.0
60°	1631.8	1271.4	1176.3	1046.1	1611.8
62.5°	1491.6	1096.2	1076.2	946.1	1461.6
65°	1341.5	976.0	971.1	861.0	1241.4
67.5°	1196.3	896.0	890.9	780.8	946.1
70°	1041.1	810.9	800.9	695.7	700.8
72.5°	881.0	715.8	705.8	625.7	580.7
75°	720.8	605.7	600.7	545.6	470.5
77.5°	565.7	480.6	490.5	440.4	345.4
80°	405.4	350.4	360.4	315.3	260.3
82.5°	270.3	230.2	240.3	200.3	175.2
85°	150.2	130.2	135.2	105.1	80.1
87.5°	70.1	60.0	60.0	40.0	25.0
90°	54.1	34.4	31.9	22.2	12.3
92.5°	333.9	237.4	216.5	132.8	49.2
95°	821.4	462.6	424.4	271.2	118.1
97.5°	1106.5	508.2	474.4	339.3	204.2
100°	1210.2	546.2	515.6	393.1	270.7
102.5°	1257.8	584.4	555.8	441.5	327.3
105°	1293.1	641.0	616.8	520.0	423.3
107.5°	1299.6	724.7	702.1	611.9	521.7
110°	1289.8	771.4	751.0	669.6	588.1

TEST NUMBER: P935378

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-W2A-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1290.3	828.0	808.6	731.0	653.3
115°	1302.1	912.9	895.0	823.4	751.7
117.5°	1326.4	995.4	979.1	914.0	848.9
120°	1346.1	1043.4	1028.1	966.8	905.5
122.5°	1374.4	1100.0	1084.5	1022.8	961.0
125°	1412.4	1172.6	1158.5	1102.2	1045.9
127.5°	1450.6	1242.7	1228.5	1171.6	1114.7
130°	1478.5	1289.4	1274.1	1212.9	1151.6
132.5°	1501.0	1327.6	1312.3	1251.0	1189.8
135°	1525.6	1371.8	1357.9	1302.1	1246.4
137.5°	1562.5	1428.4	1414.6	1359.4	1304.2
140°	1585.1	1466.6	1453.9	1403.1	1352.2
142.5°	1603.9	1494.9	1483.1	1436.1	1389.1
145°	1628.6	1538.0	1527.7	1486.7	1445.7
147.5°	1664.7	1592.1	1582.1	1542.2	1502.3
150°	1683.6	1620.4	1611.3	1575.2	1539.1
152.5°	1695.8	1638.8	1632.0	1604.6	1577.3
155°	1722.9	1679.5	1674.4	1654.1	1633.9
157.5°	1750.1	1720.1	1715.1	1695.4	1675.7
160°	1762.3	1738.5	1734.7	1719.4	1704.0
162.5°	1775.4	1758.1	1755.3	1743.7	1732.3
165°	1794.2	1786.4	1783.9	1773.4	1763.1
167.5°	1809.0	1802.5	1801.2	1796.3	1791.4
170°	1821.3	1820.9	1819.8	1814.8	1809.9
172.5°	1822.1	1822.1	1821.8	1820.7	1819.7
175°	1829.5	1833.3	1833.3	1833.3	1833.3
177.5°	1830.4	1833.3	1833.3	1833.3	1833.3
180°	1833.3	1833.3	1833.3	1833.3	1833.3

TEST NUMBER: P935378

CATALOG NUMBER: SQ4-FA-100U-125D-B2750-1D-UNV-W2A-W-12-3000K

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	14.85	15.74	15.78	16.69	17.91	17.70	18.60	18.63	19.54	20.76
	3H	15.33	16.13	16.27	17.08	18.33	19.06	19.86	19.99	20.81	22.05
	4H	15.52	16.28	16.47	17.24	18.49	19.51	20.26	20.46	21.22	22.47
	6H	15.64	16.34	16.61	17.30	18.57	19.80	20.50	20.76	21.46	22.72
	8H	15.64	16.31	16.61	17.29	18.55	19.88	20.54	20.85	21.52	22.78
	12H	15.62	16.25	16.59	17.22	18.51	19.92	20.55	20.89	21.53	22.81
4H	2H	15.89	16.65	16.85	17.61	18.86	18.11	18.87	19.07	19.83	21.08
	3H	16.92	17.55	17.89	18.54	19.81	19.63	20.26	20.60	21.25	22.51
	4H	17.20	17.78	18.18	18.76	20.05	20.16	20.74	21.14	21.72	23.01
	6H	17.33	17.82	18.32	18.83	20.12	20.54	21.03	21.52	22.04	23.33
	8H	17.33	17.80	18.32	18.79	20.10	20.65	21.11	21.64	22.11	23.41
	12H	17.30	17.72	18.31	18.73	20.04	20.71	21.13	21.72	22.14	23.45
8H	4H	17.66	18.12	18.65	19.12	20.42	20.29	20.75	21.28	21.75	23.05
	6H	17.92	18.31	18.94	19.35	20.65	20.73	21.12	21.75	22.16	23.46
	8H	17.96	18.30	18.99	19.33	20.65	20.89	21.23	21.91	22.25	23.57
	12H	17.95	18.25	18.98	19.27	20.63	20.99	21.29	22.02	22.31	23.68
12H	4H	17.67	18.09	18.68	19.10	20.41	20.25	20.67	21.26	21.69	23.00
	6H	17.98	18.32	19.01	19.35	20.67	20.73	21.07	21.75	22.10	23.41
	8H	18.05	18.35	19.08	19.37	20.74	20.90	21.19	21.92	22.21	23.58

END OF REPORT