

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: P936121

Luminaire Tested: SQ4-FA-150U-125D-927-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936121
REPORT IS A COMBINATION OF REPORTS P933781 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-125D-927-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

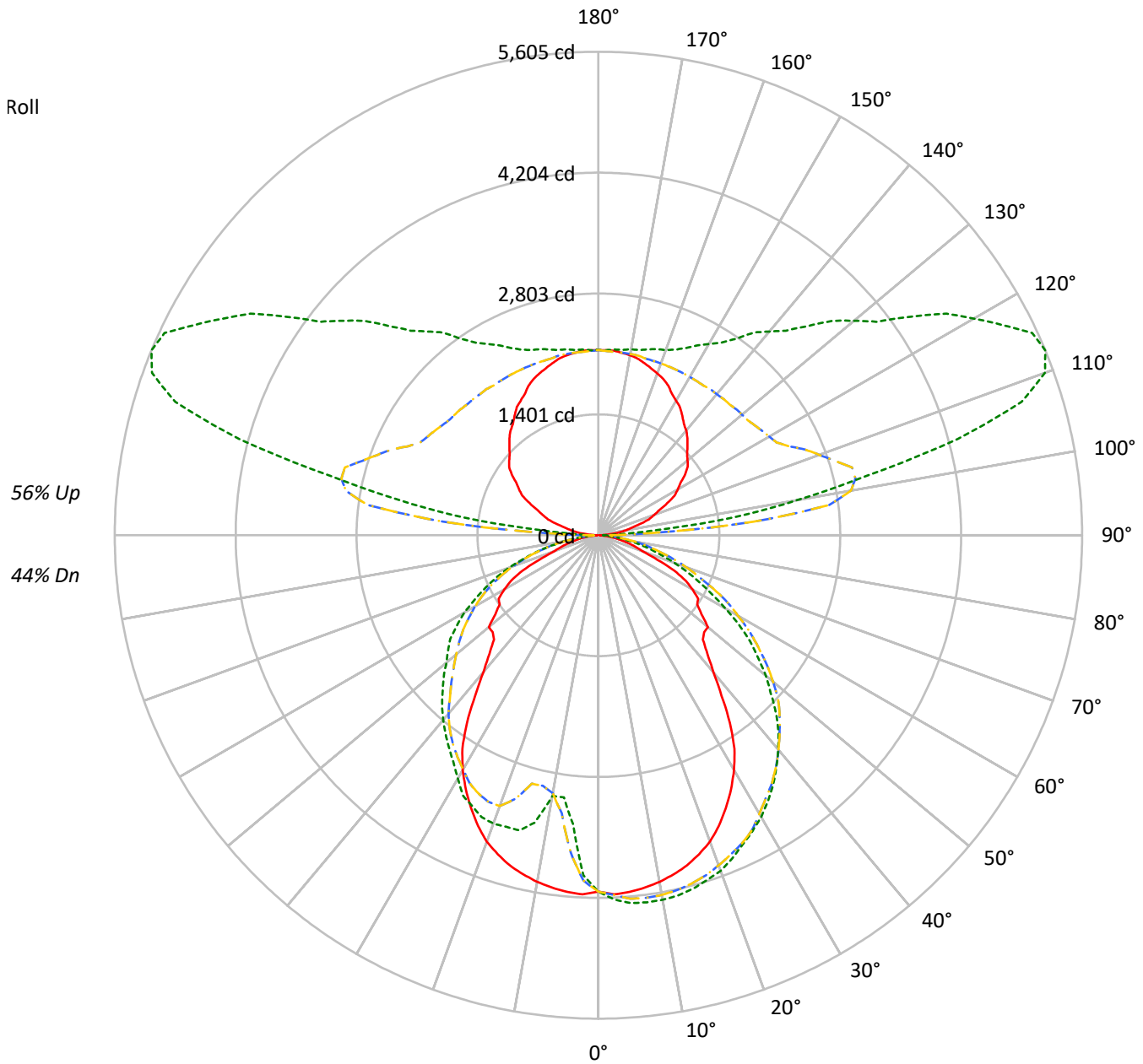
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 24637.6 lumens
Efficiency: N/A
Efficacy: 98.7 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): 249.6
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



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°

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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	0	
RCR																						
0	106	106	106	106	97	97	97	97	80	80	80	64	64	64	50	50	50	44	44	44	44	
1	96	92	88	85	88	84	81	78	70	68	66	57	55	54	44	43	42	37	37	37	37	
2	88	80	74	69	80	74	69	64	61	58	54	50	47	45	39	37	36	31	31	31	31	
3	80	71	63	58	73	65	59	54	54	49	46	44	41	38	35	32	30	26	26	26	26	
4	73	63	55	49	67	57	51	45	48	43	39	39	35	32	31	28	26	22	22	22	22	
5	67	56	48	42	61	51	44	39	43	37	33	35	31	28	28	25	23	19	19	19	19	
6	62	50	42	36	56	46	39	34	39	33	29	32	28	24	25	22	20	17	17	17	17	
7	57	45	37	31	52	41	34	29	35	29	25	29	25	22	23	20	18	15	15	15	15	
8	53	41	33	28	48	38	31	26	32	26	23	26	22	19	21	18	16	13	13	13	13	
9	49	37	30	25	45	34	28	23	29	24	20	24	20	17	19	16	14	12	12	12	12	
10	46	34	27	22	42	31	25	21	27	22	18	22	18	16	18	15	13	11	11	11	11	

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12780	12780	12780	12780
5°	12880	12901	12880	10144
10°	12799	12708	12799	9085
15°	12664	12432	12664	10381
20°	12405	12106	12405	10403
25°	11867	11631	11867	10183
30°	11171	11236	11171	9699
35°	9964	10736	9964	9167
40°	8307	10148	8307	8765
45°	7427	9460	7427	8303
50°	7897	8639	7897	7839
55°	7437	7754	7437	7570
60°	7676	6586	7676	6934
65°	6970	5444	6970	6085
70°	4838	4338	4838	5101
75°	4258	3207	4258	3840
80°	3458	2120	3458	2309
85°	2025	1123	2025	954

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 11376 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	373.0	1.5
10°-20°	1059.0	4.3
20°-30°	1637.0	6.6
30°-40°	1954.2	7.9
40°-50°	1965.6	8.0
50°-60°	1710.3	6.9
60°-70°	1212.6	4.9
70°-80°	641.6	2.6
80°-90°	168.0	0.7
90°-100°	1046.4	4.2
100°-110°	2751.1	11.2
110°-120°	2852.6	11.6
120°-130°	2288.1	9.3
130°-140°	1795.4	7.3
140°-150°	1378.0	5.6
150°-160°	992.4	4.0
160°-170°	607.2	2.5
170°-180°	205.1	0.8
0°-30°	3068.9	12.5
0°-40°	5023.0	20.4
0°-60°	8699.0	35.3
0°-90°	10721.2	43.5
90°-120°	6650.2	27.0
90°-150°	12111.7	49.2
90°-180°	13916.0	56.5
0°-180°	24637.6	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4132	4132	4132	4132	4132	
5°	4151	4280	4151	3366	4151	394
15°	3964	4241	3964	3542	3964	1115
25°	3491	3956	3491	3463	3491	1603
35°	2654	3530	2654	3014	2654	1642
45°	1712	2908	1712	2553	1712	1372
55°	1396	2146	1396	2095	1396	1282
65°	969	1294	969	1446	969	926
75°	367	614	367	735	367	386
85°	62	156	62	133	62	84
90°	14	55	14	55	14	15
95°	138	632	138	632	138	154
105°	496	4308	496	4308	496	525
115°	880	5547	880	5547	880	869
125°	1225	4417	1225	4417	1225	1087
135°	1460	3428	1460	3428	1460	1129
145°	1693	2781	1693	2781	1693	1061
155°	1913	2394	1913	2394	1913	879
165°	2065	2230	2065	2230	2065	583
175°	2147	2161	2147	2161	2147	204
180°	2147	2147	2147	2147	2147	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	4167.0	4167.0	4190.4	4198.3	4198.3	4186.5	4174.8	4186.5	4221.7	4233.5	4229.5
5°	4151.3	4182.6	4225.6	4233.5	4241.2	4237.3	4229.5	4237.3	4276.4	4284.3	4288.1
7.5°	4120.0	4178.7	4233.5	4245.2	4256.9	4245.2	4241.2	4249.1	4288.1	4296.0	4296.0
10°	4081.0	4163.1	4225.6	4233.5	4245.2	4233.5	4233.5	4249.1	4288.1	4296.0	4299.9
12.5°	4026.3	4139.6	4198.3	4206.0	4221.7	4217.8	4213.9	4229.5	4268.6	4276.4	4276.4
15°	3963.7	4096.6	4151.3	4159.2	4186.5	4178.7	4178.7	4194.3	4237.3	4249.1	4245.2
17.5°	3877.7	4041.9	4104.4	4116.2	4135.7	4131.8	4135.7	4151.3	4190.4	4198.3	4202.1
20°	3780.0	3967.6	4041.9	4053.6	4073.1	4073.1	4073.1	4092.7	4131.8	4147.5	4147.5
22.5°	3647.1	3889.4	3967.6	3975.4	3998.9	3998.9	4006.7	4034.0	4069.2	4073.1	4073.1
25°	3490.7	3803.4	3869.9	3893.4	3916.8	3928.5	3940.2	3955.9	3967.6	3963.7	3967.6
27.5°	3326.6	3694.0	3780.0	3795.6	3826.9	3838.6	3854.2	3858.2	3862.1	3873.8	3866.0
30°	3142.8	3541.5	3670.5	3686.1	3737.0	3744.8	3729.2	3737.0	3756.5	3764.4	3772.2
32.5°	2935.6	3314.8	3557.2	3592.4	3639.3	3615.8	3611.9	3623.6	3654.9	3654.9	3662.7
35°	2654.2	3138.9	3451.6	3482.9	3518.1	3490.7	3506.3	3510.3	3529.8	3541.5	3537.6
37.5°	2345.4	2986.4	3342.2	3365.7	3393.0	3357.8	3381.3	3393.0	3408.6	3400.8	3400.8
40°	2071.8	2748.0	3213.2	3228.8	3252.2	3224.9	3248.4	3256.2	3264.0	3256.2	3252.2
42.5°	1868.5	2486.1	3076.4	3095.9	3080.3	3099.8	3107.6	3123.3	3111.6	3095.9	3095.9
45°	1712.1	2415.7	2927.8	2951.3	2927.8	2959.1	2970.8	2970.8	2935.6	2927.8	2923.9
47.5°	1661.4	2275.0	2779.3	2779.3	2767.5	2806.6	2826.2	2798.8	2763.7	2751.9	2751.9
50°	1657.4	2118.7	2576.0	2560.4	2615.1	2662.0	2642.5	2615.1	2587.7	2544.8	2544.8
52.5°	1505.0	1927.2	2314.1	2372.8	2458.8	2486.1	2454.8	2427.5	2380.5	2361.1	2345.4
55°	1395.5	1727.8	2075.7	2193.0	2282.8	2318.0	2259.4	2232.0	2161.7	2149.9	2142.1
57.5°	1372.1	1438.5	1856.8	2005.3	2114.7	2110.9	2075.7	2024.9	1966.2	1954.5	1950.6
60°	1258.7	1039.8	1622.2	1798.1	1911.5	1899.7	1868.5	1821.6	1766.8	1759.1	1751.2
62.5°	1141.4	754.4	1356.4	1555.8	1716.0	1712.1	1684.8	1614.4	1575.3	1555.8	1540.2
65°	969.4	633.2	965.5	1293.9	1524.5	1532.3	1473.7	1422.9	1379.8	1356.4	1352.5
67.5°	738.8	516.0	652.8	1078.8	1340.8	1332.9	1258.7	1235.2	1180.5	1168.8	1145.3
70°	547.2	344.0	453.5	875.6	1160.9	1141.4	1082.8	1055.4	1004.6	977.2	961.6
72.5°	453.5	277.5	332.3	680.1	977.2	953.8	903.0	871.7	828.7	805.3	789.6
75°	367.4	293.1	254.1	504.3	793.5	777.9	731.0	699.7	664.5	633.2	637.2
77.5°	269.7	273.7	203.3	371.4	629.3	605.9	578.5	539.5	523.8	492.6	492.6
80°	203.3	215.0	152.5	254.1	453.5	453.5	430.0	402.6	375.3	359.6	359.6
82.5°	136.8	136.8	113.3	160.2	308.8	297.1	281.4	273.7	258.0	250.2	250.2
85°	62.5	78.2	70.4	97.7	168.1	175.9	175.9	168.1	164.2	156.4	160.2
87.5°	19.6	35.2	43.0	54.7	86.0	89.9	93.8	93.8	93.8	97.7	97.7
90°	14.4	25.9	37.5	40.3	63.4	94.1	109.5	97.3	73.0	54.7	54.7
92.5°	57.6	155.5	253.6	278.0	390.9	541.4	616.6	540.4	388.0	273.7	262.9
95°	138.3	317.5	496.9	541.7	962.0	1522.3	1802.4	1608.4	1220.4	929.3	896.4
97.5°	239.2	397.3	555.5	595.1	1295.8	2230.0	2697.1	2574.5	2329.2	2145.3	2082.5
100°	316.9	460.4	603.8	639.7	1417.3	2453.9	2972.3	2981.2	2999.2	3012.6	2937.9
102.5°	383.2	517.1	650.9	684.4	1472.9	2524.4	3050.1	3206.4	3518.8	3753.2	3689.1
105°	495.6	609.0	722.3	750.7	1514.3	2532.4	3041.4	3391.7	4092.2	4617.6	4583.2
107.5°	610.9	716.6	822.2	848.6	1521.9	2419.6	2868.6	3357.1	4334.3	5067.1	5075.5
110°	688.7	784.1	879.5	903.4	1510.4	2319.8	2724.5	3270.7	4363.1	5182.4	5218.3



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	765.1	856.0	946.9	969.7	1510.9	2232.5	2593.4	3152.4	4270.4	5109.0	5164.0
115°	880.3	964.2	1048.1	1069.1	1524.8	2132.5	2436.4	2974.9	4051.9	4859.7	4936.1
117.5°	994.1	1070.3	1146.5	1165.5	1553.1	2069.8	2328.2	2814.3	3786.3	4515.4	4600.1
120°	1060.4	1132.1	1203.8	1221.8	1576.2	2048.7	2285.1	2729.1	3617.2	4283.4	4365.7
122.5°	1125.2	1197.6	1270.0	1288.1	1609.4	2037.7	2251.9	2651.8	3451.6	4051.4	4132.6
125°	1224.7	1290.6	1356.6	1373.1	1654.0	2028.6	2215.9	2555.6	3235.0	3744.5	3819.3
127.5°	1305.3	1371.9	1438.5	1455.1	1698.6	2023.3	2185.6	2477.3	3060.7	3498.2	3561.2
130°	1348.6	1420.3	1492.0	1509.9	1731.3	2026.5	2174.1	2433.7	2953.1	3342.6	3400.9
132.5°	1393.2	1464.9	1536.6	1554.6	1757.7	2028.6	2164.0	2396.5	2861.4	3210.1	3262.3
135°	1459.5	1524.8	1590.1	1606.5	1786.6	2026.7	2146.8	2341.4	2730.7	3022.7	3067.7
137.5°	1527.2	1591.9	1656.6	1672.7	1829.8	2039.1	2143.8	2308.4	2637.6	2884.4	2921.2
140°	1583.4	1642.9	1702.5	1717.4	1856.2	2041.2	2133.7	2275.9	2560.2	2773.5	2807.9
142.5°	1626.6	1681.7	1736.7	1750.5	1878.3	2048.6	2133.7	2258.6	2508.4	2695.7	2725.3
145°	1692.9	1741.0	1788.9	1801.0	1907.1	2048.6	2119.3	2221.5	2425.7	2579.0	2601.4
147.5°	1759.1	1805.9	1852.6	1864.3	1949.3	2062.7	2119.3	2199.7	2360.4	2481.0	2499.6
150°	1802.4	1844.7	1887.0	1897.5	1971.4	2070.1	2119.3	2187.3	2323.0	2424.8	2439.8
152.5°	1847.1	1879.1	1911.1	1919.1	1985.8	2074.8	2119.3	2177.3	2293.2	2380.1	2391.5
155°	1913.4	1937.1	1960.7	1966.7	2017.6	2085.4	2119.3	2165.5	2257.7	2326.9	2334.4
157.5°	1962.3	1985.4	2008.4	2014.2	2049.2	2095.9	2119.3	2155.2	2226.9	2280.7	2286.1
160°	1995.5	2013.4	2031.3	2035.8	2063.7	2100.8	2119.3	2150.1	2211.5	2257.6	2260.7
162.5°	2028.6	2042.0	2055.4	2058.8	2079.0	2105.9	2119.3	2145.3	2197.2	2236.1	2238.9
165°	2064.6	2076.8	2088.9	2092.0	2101.1	2113.3	2119.3	2137.9	2175.0	2202.9	2206.0
167.5°	2097.8	2103.6	2109.3	2110.7	2118.4	2128.7	2133.7	2145.9	2170.2	2188.5	2189.8
170°	2119.3	2125.1	2130.9	2132.4	2132.8	2133.4	2133.7	2145.9	2170.2	2188.5	2188.5
172.5°	2130.9	2132.1	2133.4	2133.7	2133.7	2133.7	2133.7	2143.4	2162.6	2177.0	2175.9
175°	2146.8	2146.8	2146.8	2146.8	2142.4	2136.7	2133.7	2139.8	2152.0	2161.2	2161.2
177.5°	2146.8	2146.8	2146.8	2146.8	2143.4	2138.9	2136.7	2141.4	2151.1	2158.2	2156.9
180°	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	4237.3	4225.6	4237.3	4229.5	4233.5	4221.7	4186.5	4174.8	4186.5	4198.3	4198.3
5°	4288.1	4280.4	4288.1	4288.1	4284.3	4276.4	4237.3	4229.5	4237.3	4241.2	4233.5
7.5°	4303.8	4292.1	4303.8	4296.0	4296.0	4288.1	4249.1	4241.2	4245.2	4256.9	4245.2
10°	4303.8	4292.1	4303.8	4299.9	4296.0	4288.1	4249.1	4233.5	4233.5	4245.2	4233.5
12.5°	4284.3	4276.4	4284.3	4276.4	4276.4	4268.6	4229.5	4213.9	4217.8	4221.7	4206.0
15°	4252.9	4241.2	4252.9	4245.2	4249.1	4237.3	4194.3	4178.7	4178.7	4186.5	4159.2
17.5°	4206.0	4190.4	4206.0	4202.1	4198.3	4190.4	4151.3	4135.7	4131.8	4135.7	4116.2
20°	4151.3	4139.6	4151.3	4147.5	4147.5	4131.8	4092.7	4073.1	4073.1	4073.1	4053.6
22.5°	4065.4	4053.6	4065.4	4073.1	4073.1	4069.2	4034.0	4006.7	3998.9	3998.9	3975.4
25°	3967.6	3955.9	3967.6	3967.6	3963.7	3967.6	3955.9	3940.2	3928.5	3916.8	3893.4
27.5°	3873.8	3866.0	3873.8	3866.0	3873.8	3862.1	3858.2	3854.2	3838.6	3826.9	3795.6
30°	3780.0	3772.2	3780.0	3772.2	3764.4	3756.5	3737.0	3729.2	3744.8	3737.0	3686.1
32.5°	3662.7	3654.9	3662.7	3662.7	3654.9	3654.9	3623.6	3611.9	3615.8	3639.3	3592.4
35°	3541.5	3529.8	3541.5	3537.6	3541.5	3529.8	3510.3	3506.3	3490.7	3518.1	3482.9
37.5°	3400.8	3389.1	3400.8	3400.8	3400.8	3408.6	3393.0	3381.3	3357.8	3393.0	3365.7
40°	3256.2	3240.5	3256.2	3252.2	3256.2	3264.0	3256.2	3248.4	3224.9	3252.2	3228.8
42.5°	3092.0	3088.1	3092.0	3095.9	3095.9	3111.6	3123.3	3107.6	3099.8	3080.3	3095.9
45°	2916.1	2908.3	2916.1	2923.9	2927.8	2935.6	2970.8	2970.8	2959.1	2927.8	2951.3
47.5°	2728.5	2708.9	2728.5	2751.9	2751.9	2763.7	2798.8	2826.2	2806.6	2767.5	2779.3
50°	2529.1	2533.0	2529.1	2544.8	2544.8	2587.7	2615.1	2642.5	2662.0	2615.1	2560.4
52.5°	2333.6	2329.8	2333.6	2345.4	2361.1	2380.5	2427.5	2454.8	2486.1	2458.8	2372.8
55°	2138.2	2146.1	2138.2	2142.1	2149.9	2161.7	2232.0	2259.4	2318.0	2282.8	2193.0
57.5°	1942.8	1931.0	1942.8	1950.6	1954.5	1966.2	2024.9	2075.7	2110.9	2114.7	2005.3
60°	1716.0	1700.4	1716.0	1751.2	1759.1	1766.8	1821.6	1868.5	1899.7	1911.5	1798.1
62.5°	1516.7	1489.3	1516.7	1540.2	1555.8	1575.3	1614.4	1684.8	1712.1	1716.0	1555.8
65°	1305.6	1293.9	1305.6	1352.5	1356.4	1379.8	1422.9	1473.7	1532.3	1524.5	1293.9
67.5°	1114.0	1114.0	1114.0	1145.3	1168.8	1180.5	1235.2	1258.7	1332.9	1340.8	1078.8
70°	938.2	934.2	938.2	961.6	977.2	1004.6	1055.4	1082.8	1141.4	1160.9	875.6
72.5°	770.1	766.2	770.1	789.6	805.3	828.7	871.7	903.0	953.8	977.2	680.1
75°	621.5	613.7	621.5	637.2	633.2	664.5	699.7	731.0	777.9	793.5	504.3
77.5°	476.9	476.9	476.9	492.6	492.6	523.8	539.5	578.5	605.9	629.3	371.4
80°	355.7	351.8	355.7	359.6	359.6	375.3	402.6	430.0	453.5	453.5	254.1
82.5°	250.2	242.3	250.2	250.2	250.2	258.0	273.7	281.4	297.1	308.8	160.2
85°	156.4	156.4	156.4	160.2	156.4	164.2	168.1	175.9	175.9	168.1	97.7
87.5°	101.6	97.7	101.6	97.7	97.7	93.8	93.8	93.8	89.9	86.0	54.7
90°	54.7	54.7	54.7	54.7	54.7	73.0	97.3	109.5	94.1	63.4	40.3
92.5°	219.3	175.8	219.3	262.9	273.7	388.0	540.4	616.6	541.4	390.9	278.0
95°	764.4	632.5	764.4	896.4	929.3	1220.4	1608.4	1802.4	1522.3	962.0	541.7
97.5°	1831.5	1580.5	1831.5	2082.5	2145.3	2329.2	2574.5	2697.1	2230.0	1295.8	595.1
100°	2638.9	2339.8	2638.9	2937.9	3012.6	2999.2	2981.2	2972.3	2453.9	1417.3	639.7
102.5°	3433.0	3176.9	3433.0	3689.1	3753.2	3518.8	3206.4	3050.1	2524.4	1472.9	684.4
105°	4445.6	4307.9	4445.6	4583.2	4617.6	4092.2	3391.7	3041.4	2532.4	1514.3	750.7
107.5°	5108.8	5142.1	5108.8	5075.5	5067.1	4334.3	3357.1	2868.6	2419.6	1521.9	848.6
110°	5361.7	5505.2	5361.7	5218.3	5182.4	4363.1	3270.7	2724.5	2319.8	1510.4	903.4



TEST NUMBER: P936121

CATALOG NUMBER: SQ4-FA-150U-125D-927-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	5384.3	5604.6	5384.3	5164.0	5109.0	4270.4	3152.4	2593.4	2232.5	1510.9	969.7
115°	5241.5	5546.9	5241.5	4936.1	4859.7	4051.9	2974.9	2436.4	2132.5	1524.8	1069.1
117.5°	4938.8	5277.5	4938.8	4600.1	4515.4	3786.3	2814.3	2328.2	2069.8	1553.1	1165.5
120°	4694.8	5023.9	4694.8	4365.7	4283.4	3617.2	2729.1	2285.1	2048.7	1576.2	1221.8
122.5°	4457.3	4781.9	4457.3	4132.6	4051.4	3451.6	2651.8	2251.9	2037.7	1609.4	1288.1
125°	4118.3	4417.4	4118.3	3819.3	3744.5	3235.0	2555.6	2215.9	2028.6	1654.0	1373.1
127.5°	3813.6	4065.8	3813.6	3561.2	3498.2	3060.7	2477.3	2185.6	2023.3	1698.6	1455.1
130°	3633.9	3867.0	3633.9	3400.9	3342.6	2953.1	2433.7	2174.1	2026.5	1731.3	1509.9
132.5°	3470.9	3679.7	3470.9	3262.3	3210.1	2861.4	2396.5	2164.0	2028.6	1757.7	1554.6
135°	3247.6	3427.6	3247.6	3067.7	3022.7	2730.7	2341.4	2146.8	2026.7	1786.6	1606.5
137.5°	3068.5	3215.8	3068.5	2921.2	2884.4	2637.6	2308.4	2143.8	2039.1	1829.8	1672.7
140°	2945.6	3083.2	2945.6	2807.9	2773.5	2560.2	2275.9	2133.7	2041.2	1856.2	1717.4
142.5°	2843.8	2962.2	2843.8	2725.3	2695.7	2508.4	2258.6	2133.7	2048.6	1878.3	1750.5
145°	2691.1	2780.7	2691.1	2601.4	2579.0	2425.7	2221.5	2119.3	2048.6	1907.1	1801.0
147.5°	2573.9	2648.1	2573.9	2499.6	2481.0	2360.4	2199.7	2119.3	2062.7	1949.3	1864.3
150°	2500.0	2560.2	2500.0	2439.8	2424.8	2323.0	2187.3	2119.3	2070.1	1971.4	1897.5
152.5°	2437.0	2482.4	2437.0	2391.5	2380.1	2293.2	2177.3	2119.3	2074.8	1985.8	1919.1
155°	2364.4	2394.5	2364.4	2334.4	2326.9	2257.7	2165.5	2119.3	2085.4	2017.6	1966.7
157.5°	2307.2	2328.2	2307.2	2286.1	2280.7	2226.9	2155.2	2119.3	2095.9	2049.2	2014.2
160°	2272.9	2285.1	2272.9	2260.7	2257.6	2211.5	2150.1	2119.3	2100.8	2063.7	2035.8
162.5°	2250.5	2262.0	2250.5	2238.9	2236.1	2197.2	2145.3	2119.3	2105.9	2079.0	2058.8
165°	2218.1	2230.3	2218.1	2206.0	2202.9	2175.0	2137.9	2119.3	2113.3	2101.1	2092.0
167.5°	2194.9	2200.0	2194.9	2189.8	2188.5	2170.2	2145.9	2133.7	2128.7	2118.4	2110.7
170°	2188.5	2188.5	2188.5	2188.5	2188.5	2170.2	2145.9	2133.7	2133.4	2132.8	2132.4
172.5°	2171.4	2166.9	2171.4	2175.9	2177.0	2162.6	2143.4	2133.7	2133.7	2133.7	2133.7
175°	2161.2	2161.2	2161.2	2161.2	2161.2	2152.0	2139.8	2133.7	2136.7	2142.4	2146.8
177.5°	2151.8	2146.8	2151.8	2156.9	2158.2	2151.1	2141.4	2136.7	2138.9	2143.4	2146.8
180°	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	4190.4	4167.0	4167.0	4127.9	4112.3	4100.6	4081.0	4022.3	4006.7	3991.1	4014.5
5°	4225.6	4182.6	4151.3	4081.0	4022.3	3998.9	3924.6	3783.9	3690.1	3619.7	3580.7
7.5°	4233.5	4178.7	4120.0	4010.6	3869.9	3807.3	3580.7	3322.6	3252.2	3189.7	3150.6
10°	4225.6	4163.1	4081.0	3916.8	3584.5	3475.1	3248.4	3080.3	3037.3	3025.6	3037.3
12.5°	4198.3	4139.6	4026.3	3752.6	3287.4	3213.2	3080.3	2982.5	2974.7	2994.3	3099.8
15°	4151.3	4096.6	3963.7	3533.7	3123.3	3068.5	2974.7	2939.6	2982.5	3119.3	3436.0
17.5°	4104.4	4041.9	3877.7	3318.7	2998.2	2959.1	2892.7	2963.0	3205.4	3389.1	3494.6
20°	4041.9	3967.6	3780.0	3162.4	2908.3	2873.1	2841.8	3158.5	3342.2	3408.6	3467.2
22.5°	3967.6	3889.4	3647.1	3052.9	2814.5	2787.1	2806.6	3267.9	3342.2	3389.1	3439.9
25°	3869.9	3803.4	3490.7	2966.9	2740.2	2708.9	2783.2	3256.2	3299.1	3310.9	3412.6
27.5°	3780.0	3694.0	3326.6	2888.7	2650.3	2638.6	2802.7	3205.4	3236.6	3248.4	3357.8
30°	3670.5	3541.5	3142.8	2806.6	2556.5	2552.6	2806.6	3142.8	3135.0	3166.2	3275.7
32.5°	3557.2	3314.8	2935.6	2705.0	2466.5	2462.7	2779.3	3049.0	3041.2	3084.2	3166.2
35°	3451.6	3138.9	2654.2	2587.7	2353.2	2357.1	2712.9	2939.6	2943.5	2982.5	3033.3
37.5°	3342.2	2986.4	2345.4	2458.8	2243.8	2243.8	2622.9	2837.9	2830.1	2841.8	2912.2
40°	3213.2	2748.0	2071.8	2290.7	2142.1	2130.4	2513.5	2728.5	2701.1	2697.2	2794.9
42.5°	3076.4	2486.1	1868.5	2067.8	2024.9	2009.2	2380.5	2595.6	2544.8	2556.5	2681.5
45°	2927.8	2415.7	1712.1	1747.3	1903.7	1892.0	2235.9	2443.1	2407.9	2439.2	2568.2
47.5°	2779.3	2275.0	1661.4	1450.2	1774.7	1770.8	2075.7	2294.6	2275.0	2306.3	2443.1
50°	2576.0	2118.7	1657.4	1243.1	1630.0	1645.6	1884.1	2149.9	2149.9	2177.3	2321.9
52.5°	2314.1	1927.2	1505.0	1125.8	1461.9	1508.9	1716.0	2024.9	2032.6	2060.1	2189.0
55°	2075.7	1727.8	1395.5	1035.9	1262.6	1364.2	1551.9	1895.8	1911.5	1938.9	2056.1
57.5°	1856.8	1438.5	1372.1	930.3	1078.8	1176.6	1407.3	1770.8	1778.6	1802.0	1915.4
60°	1622.2	1039.8	1258.7	817.0	918.6	992.9	1274.4	1622.2	1649.6	1665.2	1762.9
62.5°	1356.4	754.4	1141.4	738.8	840.5	856.1	1164.9	1481.5	1516.7	1528.4	1587.0
65°	965.5	633.2	969.4	672.4	758.4	762.2	1047.6	1336.9	1368.1	1387.7	1430.7
67.5°	652.8	516.0	738.8	609.8	695.8	699.7	934.2	1168.8	1211.7	1227.5	1254.8
70°	453.5	344.0	547.2	543.3	625.5	633.2	813.0	1016.3	1055.4	1067.1	1082.8
72.5°	332.3	277.5	453.5	488.6	551.2	559.0	688.0	844.3	883.4	895.1	903.0
75°	254.1	293.1	367.4	426.0	469.1	473.0	562.9	688.0	715.3	723.2	727.0
77.5°	203.3	273.7	269.7	344.0	383.1	375.3	441.7	531.6	555.1	555.1	555.1
80°	152.5	215.0	203.3	246.2	281.4	273.7	316.6	379.1	387.0	394.8	390.9
82.5°	113.3	136.8	136.8	156.4	187.6	179.8	211.1	246.2	246.2	246.2	254.1
85°	70.4	78.2	62.5	82.1	105.6	101.6	117.3	132.9	136.8	136.8	129.0
87.5°	43.0	35.2	19.6	31.3	46.9	46.9	54.7	58.6	54.7	54.7	54.7
90°	37.5	25.9	14.4	25.9	37.5	40.3	63.4	94.1	109.5	97.3	73.0
92.5°	253.6	155.5	57.6	155.5	253.6	278.0	390.9	541.4	616.6	540.4	388.0
95°	496.9	317.5	138.3	317.5	496.9	541.7	962.0	1522.3	1802.4	1608.4	1220.4
97.5°	555.5	397.3	239.2	397.3	555.5	595.1	1295.8	2230.0	2697.1	2574.5	2329.2
100°	603.8	460.4	316.9	460.4	603.8	639.7	1417.3	2453.9	2972.3	2981.2	2999.2
102.5°	650.9	517.1	383.2	517.1	650.9	684.4	1472.9	2524.4	3050.1	3206.4	3518.8
105°	722.3	609.0	495.6	609.0	722.3	750.7	1514.3	2532.4	3041.4	3391.7	4092.2
107.5°	822.2	716.6	610.9	716.6	822.2	848.6	1521.9	2419.6	2868.6	3357.1	4334.3
110°	879.5	784.1	688.7	784.1	879.5	903.4	1510.4	2319.8	2724.5	3270.7	4363.1



TEST NUMBER: P936121

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	946.9	856.0	765.1	856.0	946.9	969.7	1510.9	2232.5	2593.4	3152.4	4270.4
115°	1048.1	964.2	880.3	964.2	1048.1	1069.1	1524.8	2132.5	2436.4	2974.9	4051.9
117.5°	1146.5	1070.3	994.1	1070.3	1146.5	1165.5	1553.1	2069.8	2328.2	2814.3	3786.3
120°	1203.8	1132.1	1060.4	1132.1	1203.8	1221.8	1576.2	2048.7	2285.1	2729.1	3617.2
122.5°	1270.0	1197.6	1125.2	1197.6	1270.0	1288.1	1609.4	2037.7	2251.9	2651.8	3451.6
125°	1356.6	1290.6	1224.7	1290.6	1356.6	1373.1	1654.0	2028.6	2215.9	2555.6	3235.0
127.5°	1438.5	1371.9	1305.3	1371.9	1438.5	1455.1	1698.6	2023.3	2185.6	2477.3	3060.7
130°	1492.0	1420.3	1348.6	1420.3	1492.0	1509.9	1731.3	2026.5	2174.1	2433.7	2953.1
132.5°	1536.6	1464.9	1393.2	1464.9	1536.6	1554.6	1757.7	2028.6	2164.0	2396.5	2861.4
135°	1590.1	1524.8	1459.5	1524.8	1590.1	1606.5	1786.6	2026.7	2146.8	2341.4	2730.7
137.5°	1656.6	1591.9	1527.2	1591.9	1656.6	1672.7	1829.8	2039.1	2143.8	2308.4	2637.6
140°	1702.5	1642.9	1583.4	1642.9	1702.5	1717.4	1856.2	2041.2	2133.7	2275.9	2560.2
142.5°	1736.7	1681.7	1626.6	1681.7	1736.7	1750.5	1878.3	2048.6	2133.7	2258.6	2508.4
145°	1788.9	1741.0	1692.9	1741.0	1788.9	1801.0	1907.1	2048.6	2119.3	2221.5	2425.7
147.5°	1852.6	1805.9	1759.1	1805.9	1852.6	1864.3	1949.3	2062.7	2119.3	2199.7	2360.4
150°	1887.0	1844.7	1802.4	1844.7	1887.0	1897.5	1971.4	2070.1	2119.3	2187.3	2323.0
152.5°	1911.1	1879.1	1847.1	1879.1	1911.1	1919.1	1985.8	2074.8	2119.3	2177.3	2293.2
155°	1960.7	1937.1	1913.4	1937.1	1960.7	1966.7	2017.6	2085.4	2119.3	2165.5	2257.7
157.5°	2008.4	1985.4	1962.3	1985.4	2008.4	2014.2	2049.2	2095.9	2119.3	2155.2	2226.9
160°	2031.3	2013.4	1995.5	2013.4	2031.3	2035.8	2063.7	2100.8	2119.3	2150.1	2211.5
162.5°	2055.4	2042.0	2028.6	2042.0	2055.4	2058.8	2079.0	2105.9	2119.3	2145.3	2197.2
165°	2088.9	2076.8	2064.6	2076.8	2088.9	2092.0	2101.1	2113.3	2119.3	2137.9	2175.0
167.5°	2109.3	2103.6	2097.8	2103.6	2109.3	2110.7	2118.4	2128.7	2133.7	2145.9	2170.2
170°	2130.9	2125.1	2119.3	2125.1	2130.9	2132.4	2132.8	2133.4	2133.7	2145.9	2170.2
172.5°	2133.4	2132.1	2130.9	2132.1	2133.4	2133.7	2133.7	2133.7	2133.7	2143.4	2162.6
175°	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2142.4	2136.7	2133.7	2139.8	2152.0
177.5°	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2143.4	2138.9	2136.7	2141.4	2151.1
180°	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8



TEST NUMBER: P936121
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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	3987.1	3975.4	3991.1	3948.1	3991.1	3975.4	3987.1	4014.5	3991.1	4006.7	4022.3
5°	3498.6	3479.0	3416.4	3365.7	3416.4	3479.0	3498.6	3580.7	3619.7	3690.1	3783.9
7.5°	3127.2	3111.6	3095.9	3064.7	3095.9	3111.6	3127.2	3150.6	3189.7	3252.2	3322.6
10°	3045.1	3049.0	3072.5	3068.5	3072.5	3049.0	3045.1	3037.3	3025.6	3037.3	3080.3
12.5°	3256.2	3291.4	3420.3	3412.6	3420.3	3291.4	3256.2	3099.8	2994.3	2974.7	2982.5
15°	3498.6	3510.3	3537.6	3541.5	3537.6	3510.3	3498.6	3436.0	3119.3	2982.5	2939.6
17.5°	3522.0	3525.9	3545.5	3545.5	3545.5	3525.9	3522.0	3494.6	3389.1	3205.4	2963.0
20°	3502.4	3510.3	3549.4	3557.2	3549.4	3510.3	3502.4	3467.2	3408.6	3342.2	3158.5
22.5°	3494.6	3510.3	3541.5	3537.6	3541.5	3510.3	3494.6	3439.9	3389.1	3342.2	3267.9
25°	3455.5	3455.5	3459.5	3463.4	3459.5	3455.5	3455.5	3412.6	3310.9	3299.1	3256.2
27.5°	3373.4	3381.3	3404.7	3400.8	3404.7	3381.3	3373.4	3357.8	3248.4	3236.6	3205.4
30°	3299.1	3291.4	3271.8	3256.2	3271.8	3291.4	3299.1	3275.7	3166.2	3135.0	3142.8
32.5°	3174.1	3154.5	3135.0	3123.3	3135.0	3154.5	3174.1	3166.2	3084.2	3041.2	3049.0
35°	3025.6	3029.5	3025.6	3013.9	3025.6	3029.5	3025.6	3033.3	2982.5	2943.5	2939.6
37.5°	2920.0	2927.8	2923.9	2908.3	2923.9	2927.8	2920.0	2912.2	2841.8	2830.1	2837.9
40°	2810.6	2814.5	2810.6	2798.8	2810.6	2814.5	2810.6	2794.9	2697.2	2701.1	2728.5
42.5°	2705.0	2701.1	2689.4	2681.5	2689.4	2701.1	2705.0	2681.5	2556.5	2544.8	2595.6
45°	2583.8	2587.7	2564.3	2552.6	2564.3	2587.7	2583.8	2568.2	2439.2	2407.9	2443.1
47.5°	2462.7	2462.7	2443.1	2431.4	2443.1	2462.7	2462.7	2443.1	2306.3	2275.0	2294.6
50°	2333.6	2329.8	2302.4	2298.5	2302.4	2329.8	2333.6	2321.9	2177.3	2149.9	2149.9
52.5°	2185.1	2185.1	2189.0	2196.8	2189.0	2185.1	2185.1	2189.0	2060.1	2032.6	2024.9
55°	2056.1	2060.1	2087.4	2095.2	2087.4	2060.1	2056.1	2056.1	1938.9	1911.5	1895.8
57.5°	1923.2	1923.2	1942.8	1942.8	1942.8	1923.2	1923.2	1915.4	1802.0	1778.6	1770.8
60°	1770.8	1778.6	1794.3	1790.3	1794.3	1778.6	1770.8	1762.9	1665.2	1649.6	1622.2
62.5°	1610.5	1618.3	1622.2	1614.4	1622.2	1618.3	1610.5	1587.0	1528.4	1516.7	1481.5
65°	1442.4	1450.2	1454.1	1446.3	1454.1	1450.2	1442.4	1430.7	1387.7	1368.1	1336.9
67.5°	1270.4	1266.5	1262.6	1278.2	1262.6	1266.5	1270.4	1254.8	1227.5	1211.7	1168.8
70°	1094.5	1094.5	1090.6	1098.4	1090.6	1094.5	1094.5	1082.8	1067.1	1055.4	1016.3
72.5°	906.9	903.0	918.6	906.9	918.6	903.0	906.9	903.0	895.1	883.4	844.3
75°	723.2	731.0	723.2	734.9	723.2	731.0	723.2	727.0	723.2	715.3	688.0
77.5°	551.2	559.0	551.2	551.2	551.2	559.0	551.2	555.1	555.1	555.1	531.6
80°	390.9	387.0	387.0	383.1	387.0	387.0	390.9	390.9	394.8	387.0	379.1
82.5°	250.2	246.2	246.2	254.1	246.2	246.2	250.2	254.1	246.2	246.2	246.2
85°	136.8	140.8	132.9	132.9	132.9	140.8	136.8	129.0	136.8	136.8	132.9
87.5°	50.8	46.9	46.9	46.9	46.9	46.9	50.8	54.7	54.7	54.7	58.6
90°	54.7	54.7	54.7	54.7	54.7	54.7	54.7	73.0	97.3	109.5	94.1
92.5°	273.7	262.9	219.3	175.8	219.3	262.9	273.7	388.0	540.4	616.6	541.4
95°	929.3	896.4	764.4	632.5	764.4	896.4	929.3	1220.4	1608.4	1802.4	1522.3
97.5°	2145.3	2082.5	1831.5	1580.5	1831.5	2082.5	2145.3	2329.2	2574.5	2697.1	2230.0
100°	3012.6	2937.9	2638.9	2339.8	2638.9	2937.9	3012.6	2999.2	2981.2	2972.3	2453.9
102.5°	3753.2	3689.1	3433.0	3176.9	3433.0	3689.1	3753.2	3518.8	3206.4	3050.1	2524.4
105°	4617.6	4583.2	4445.6	4307.9	4445.6	4583.2	4617.6	4092.2	3391.7	3041.4	2532.4
107.5°	5067.1	5075.5	5108.8	5142.1	5108.8	5075.5	5067.1	4334.3	3357.1	2868.6	2419.6
110°	5182.4	5218.3	5361.7	5505.2	5361.7	5218.3	5182.4	4363.1	3270.7	2724.5	2319.8



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	5109.0	5164.0	5384.3	5604.6	5384.3	5164.0	5109.0	4270.4	3152.4	2593.4	2232.5
115°	4859.7	4936.1	5241.5	5546.9	5241.5	4936.1	4859.7	4051.9	2974.9	2436.4	2132.5
117.5°	4515.4	4600.1	4938.8	5277.5	4938.8	4600.1	4515.4	3786.3	2814.3	2328.2	2069.8
120°	4283.4	4365.7	4694.8	5023.9	4694.8	4365.7	4283.4	3617.2	2729.1	2285.1	2048.7
122.5°	4051.4	4132.6	4457.3	4781.9	4457.3	4132.6	4051.4	3451.6	2651.8	2251.9	2037.7
125°	3744.5	3819.3	4118.3	4417.4	4118.3	3819.3	3744.5	3235.0	2555.6	2215.9	2028.6
127.5°	3498.2	3561.2	3813.6	4065.8	3813.6	3561.2	3498.2	3060.7	2477.3	2185.6	2023.3
130°	3342.6	3400.9	3633.9	3867.0	3633.9	3400.9	3342.6	2953.1	2433.7	2174.1	2026.5
132.5°	3210.1	3262.3	3470.9	3679.7	3470.9	3262.3	3210.1	2861.4	2396.5	2164.0	2028.6
135°	3022.7	3067.7	3247.6	3427.6	3247.6	3067.7	3022.7	2730.7	2341.4	2146.8	2026.7
137.5°	2884.4	2921.2	3068.5	3215.8	3068.5	2921.2	2884.4	2637.6	2308.4	2143.8	2039.1
140°	2773.5	2807.9	2945.6	3083.2	2945.6	2807.9	2773.5	2560.2	2275.9	2133.7	2041.2
142.5°	2695.7	2725.3	2843.8	2962.2	2843.8	2725.3	2695.7	2508.4	2258.6	2133.7	2048.6
145°	2579.0	2601.4	2691.1	2780.7	2691.1	2601.4	2579.0	2425.7	2221.5	2119.3	2048.6
147.5°	2481.0	2499.6	2573.9	2648.1	2573.9	2499.6	2481.0	2360.4	2199.7	2119.3	2062.7
150°	2424.8	2439.8	2500.0	2560.2	2500.0	2439.8	2424.8	2323.0	2187.3	2119.3	2070.1
152.5°	2380.1	2391.5	2437.0	2482.4	2437.0	2391.5	2380.1	2293.2	2177.3	2119.3	2074.8
155°	2326.9	2334.4	2364.4	2394.5	2364.4	2334.4	2326.9	2257.7	2165.5	2119.3	2085.4
157.5°	2280.7	2286.1	2307.2	2328.2	2307.2	2286.1	2280.7	2226.9	2155.2	2119.3	2095.9
160°	2257.6	2260.7	2272.9	2285.1	2272.9	2260.7	2257.6	2211.5	2150.1	2119.3	2100.8
162.5°	2236.1	2238.9	2250.5	2262.0	2250.5	2238.9	2236.1	2197.2	2145.3	2119.3	2105.9
165°	2202.9	2206.0	2218.1	2230.3	2218.1	2206.0	2202.9	2175.0	2137.9	2119.3	2113.3
167.5°	2188.5	2189.8	2194.9	2200.0	2194.9	2189.8	2188.5	2170.2	2145.9	2133.7	2128.7
170°	2188.5	2188.5	2188.5	2188.5	2188.5	2188.5	2188.5	2170.2	2145.9	2133.7	2133.4
172.5°	2177.0	2175.9	2171.4	2166.9	2171.4	2175.9	2177.0	2162.6	2143.4	2133.7	2133.7
175°	2161.2	2161.2	2161.2	2161.2	2161.2	2161.2	2161.2	2152.0	2139.8	2133.7	2136.7
177.5°	2158.2	2156.9	2151.8	2146.8	2151.8	2156.9	2158.2	2151.1	2141.4	2136.7	2138.9
180°	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8	2146.8



TEST NUMBER: P936121

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4131.8	4131.8	4131.8	4131.8	4131.8
2.5°	4081.0	4100.6	4112.3	4127.9	4167.0
5°	3924.6	3998.9	4022.3	4081.0	4151.3
7.5°	3580.7	3807.3	3869.9	4010.6	4120.0
10°	3248.4	3475.1	3584.5	3916.8	4081.0
12.5°	3080.3	3213.2	3287.4	3752.6	4026.3
15°	2974.7	3068.5	3123.3	3533.7	3963.7
17.5°	2892.7	2959.1	2998.2	3318.7	3877.7
20°	2841.8	2873.1	2908.3	3162.4	3780.0
22.5°	2806.6	2787.1	2814.5	3052.9	3647.1
25°	2783.2	2708.9	2740.2	2966.9	3490.7
27.5°	2802.7	2638.6	2650.3	2888.7	3326.6
30°	2806.6	2552.6	2556.5	2806.6	3142.8
32.5°	2779.3	2462.7	2466.5	2705.0	2935.6
35°	2712.9	2357.1	2353.2	2587.7	2654.2
37.5°	2622.9	2243.8	2243.8	2458.8	2345.4
40°	2513.5	2130.4	2142.1	2290.7	2071.8
42.5°	2380.5	2009.2	2024.9	2067.8	1868.5
45°	2235.9	1892.0	1903.7	1747.3	1712.1
47.5°	2075.7	1770.8	1774.7	1450.2	1661.4
50°	1884.1	1645.6	1630.0	1243.1	1657.4
52.5°	1716.0	1508.9	1461.9	1125.8	1505.0
55°	1551.9	1364.2	1262.6	1035.9	1395.5
57.5°	1407.3	1176.6	1078.8	930.3	1372.1
60°	1274.4	992.9	918.6	817.0	1258.7
62.5°	1164.9	856.1	840.5	738.8	1141.4
65°	1047.6	762.2	758.4	672.4	969.4
67.5°	934.2	699.7	695.8	609.8	738.8
70°	813.0	633.2	625.5	543.3	547.2
72.5°	688.0	559.0	551.2	488.6	453.5
75°	562.9	473.0	469.1	426.0	367.4
77.5°	441.7	375.3	383.1	344.0	269.7
80°	316.6	273.7	281.4	246.2	203.3
82.5°	211.1	179.8	187.6	156.4	136.8
85°	117.3	101.6	105.6	82.1	62.5
87.5°	54.7	46.9	46.9	31.3	19.6
90°	63.4	40.3	37.5	25.9	14.4
92.5°	390.9	278.0	253.6	155.5	57.6
95°	962.0	541.7	496.9	317.5	138.3
97.5°	1295.8	595.1	555.5	397.3	239.2
100°	1417.3	639.7	603.8	460.4	316.9
102.5°	1472.9	684.4	650.9	517.1	383.2
105°	1514.3	750.7	722.3	609.0	495.6
107.5°	1521.9	848.6	822.2	716.6	610.9
110°	1510.4	903.4	879.5	784.1	688.7



TEST NUMBER: P936121

CATALOG NUMBER: SQ4-FA-150U-125D-927-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1510.9	969.7	946.9	856.0	765.1
115°	1524.8	1069.1	1048.1	964.2	880.3
117.5°	1553.1	1165.5	1146.5	1070.3	994.1
120°	1576.2	1221.8	1203.8	1132.1	1060.4
122.5°	1609.4	1288.1	1270.0	1197.6	1125.2
125°	1654.0	1373.1	1356.6	1290.6	1224.7
127.5°	1698.6	1455.1	1438.5	1371.9	1305.3
130°	1731.3	1509.9	1492.0	1420.3	1348.6
132.5°	1757.7	1554.6	1536.6	1464.9	1393.2
135°	1786.6	1606.5	1590.1	1524.8	1459.5
137.5°	1829.8	1672.7	1656.6	1591.9	1527.2
140°	1856.2	1717.4	1702.5	1642.9	1583.4
142.5°	1878.3	1750.5	1736.7	1681.7	1626.6
145°	1907.1	1801.0	1788.9	1741.0	1692.9
147.5°	1949.3	1864.3	1852.6	1805.9	1759.1
150°	1971.4	1897.5	1887.0	1844.7	1802.4
152.5°	1985.8	1919.1	1911.1	1879.1	1847.1
155°	2017.6	1966.7	1960.7	1937.1	1913.4
157.5°	2049.2	2014.2	2008.4	1985.4	1962.3
160°	2063.7	2035.8	2031.3	2013.4	1995.5
162.5°	2079.0	2058.8	2055.4	2042.0	2028.6
165°	2101.1	2092.0	2088.9	2076.8	2064.6
167.5°	2118.4	2110.7	2109.3	2103.6	2097.8
170°	2132.8	2132.4	2130.9	2125.1	2119.3
172.5°	2133.7	2133.7	2133.4	2132.1	2130.9
175°	2142.4	2146.8	2146.8	2146.8	2146.8
177.5°	2143.4	2146.8	2146.8	2146.8	2146.8
180°	2146.8	2146.8	2146.8	2146.8	2146.8



TEST NUMBER: P936121
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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	13.03	13.84	14.04	14.86	16.22	15.88	16.69	16.90	17.71	19.07
	3H	13.51	14.23	14.53	15.26	16.64	17.23	17.95	18.25	18.98	20.37
	4H	13.69	14.38	14.73	15.41	16.80	17.68	18.36	18.71	19.39	20.78
	6H	13.81	14.44	14.85	15.48	16.88	17.97	18.60	19.01	19.63	21.03
	8H	13.81	14.41	14.86	15.46	16.86	18.04	18.64	19.09	19.69	21.09
	12H	13.78	14.35	14.83	15.40	16.82	18.08	18.65	19.14	19.70	21.12
4H	2H	14.06	14.75	15.10	15.78	17.17	16.29	16.97	17.33	18.00	19.39
	3H	15.09	15.66	16.14	16.72	18.12	17.79	18.36	18.84	19.42	20.83
	4H	15.36	15.88	16.42	16.93	18.36	18.32	18.85	19.38	19.90	21.32
	6H	15.48	15.93	16.55	17.01	18.42	18.69	19.14	19.76	20.21	21.63
	8H	15.49	15.90	16.55	16.97	18.41	18.80	19.22	19.87	20.29	21.72
	12H	15.45	15.83	16.53	16.91	18.35	18.86	19.24	19.94	20.32	21.76
8H	4H	15.81	16.23	16.88	17.30	18.73	18.44	18.86	19.51	19.93	21.36
	6H	16.07	16.42	17.16	17.53	18.96	18.88	19.23	19.97	20.34	21.77
	8H	16.11	16.42	17.21	17.51	18.96	19.04	19.34	20.13	20.43	21.88
	12H	16.10	16.36	17.19	17.45	18.94	19.14	19.40	20.24	20.49	21.98
12H	4H	15.82	16.20	16.90	17.28	18.72	18.40	18.78	19.49	19.86	21.30
	6H	16.13	16.44	17.23	17.53	18.98	18.88	19.18	19.97	20.28	21.73
	8H	16.20	16.46	17.30	17.55	19.04	19.04	19.31	20.14	20.40	21.89