

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: P935748

Luminaire Tested: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-6500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935748
REPORT IS A COMBINATION OF REPORTS P933768 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-6500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

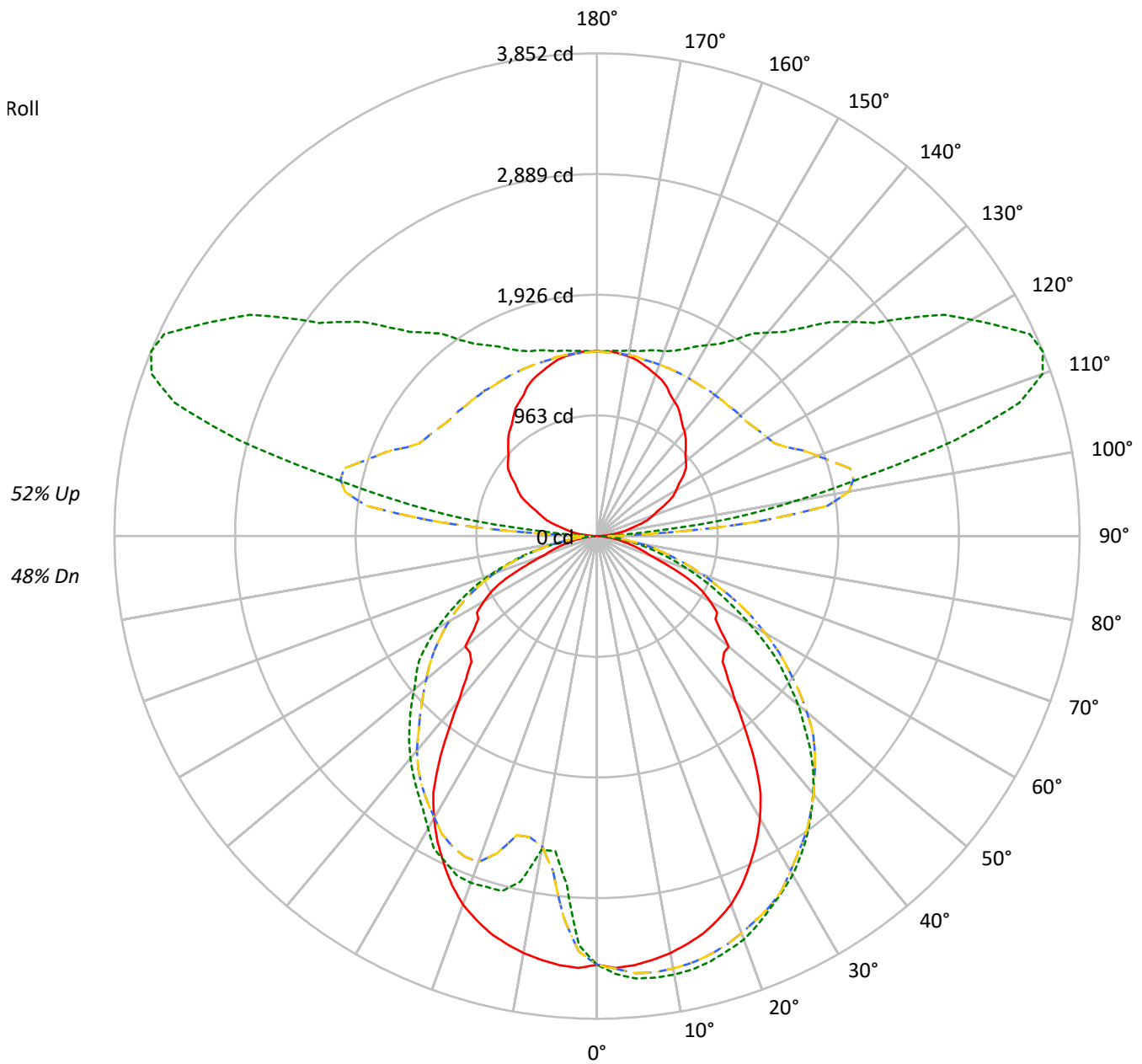
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 18438.3 lumens
Efficiency: N/A
Efficacy: 122.6 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 150.4
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-125U-125D-92765-1D-UNV-STD-W-8-6500K

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	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	48	48
1	97	93	89	86	90	86	83	80	72	70	68	60	58	57	48	47	46	41	41	41	41
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	41	39	34	34	34	34
3	81	71	64	58	74	66	60	55	56	51	47	46	43	40	38	35	33	29	29	29	29
4	74	63	55	49	68	59	52	46	50	44	40	41	37	34	34	31	28	25	25	25	25
5	68	56	48	42	62	52	45	40	44	39	35	37	33	30	30	27	25	21	21	21	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	19	19
7	58	45	38	32	53	42	35	30	36	31	26	30	26	23	25	22	19	17	17	17	17
8	54	41	34	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	15	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	16	13	13	13	13
10	47	34	27	22	43	32	26	21	28	22	19	24	19	16	20	16	14	12	12	12	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15870	15870	15870	15870
5°	15988	16020	15988	12597
10°	15881	15780	15881	11282
15°	15709	15438	15709	12892
20°	15380	15033	15380	12918
25°	14708	14443	14708	12644
30°	13839	13952	13839	12044
35°	12337	13332	12337	11383
40°	10280	12602	10280	10884
45°	9185	11747	9185	10310
50°	9758	10727	9758	9734
55°	9181	9629	9181	9401
60°	9464	8178	9464	8610
65°	8580	6760	8580	7556
70°	5941	5387	5941	6334
75°	5210	3982	5210	4768
80°	4199	2633	4199	2867
85°	2408	1395	2408	1186

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14078 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	308.8	1.7
10°-20°	876.6	4.8
20°-30°	1355.1	7.3
30°-40°	1617.8	8.8
40°-50°	1627.2	8.8
50°-60°	1415.9	7.7
60°-70°	1003.9	5.4
70°-80°	531.1	2.9
80°-90°	137.9	0.7
90°-100°	719.2	3.9
100°-110°	1890.7	10.3
110°-120°	1960.4	10.6
120°-130°	1572.5	8.5
130°-140°	1233.8	6.7
140°-150°	947.0	5.1
150°-160°	682.0	3.7
160°-170°	417.3	2.3
170°-180°	141.0	0.8
0°-30°	2540.5	13.8
0°-40°	4158.3	22.6
0°-60°	7201.4	39.1
0°-90°	8874.3	48.1
90°-120°	4570.3	24.8
90°-150°	8323.6	45.1
90°-180°	9564.0	51.9
0°-180°	18438.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3420	3420	3420	3420	3420	
5°	3437	3544	3437	2786	3437	326
15°	3281	3511	3281	2932	3281	923
25°	2890	3275	2890	2867	2890	1327
35°	2197	2922	2197	2495	2197	1359
45°	1417	2408	1417	2113	1417	1135
55°	1155	1777	1155	1734	1155	1062
65°	802	1071	802	1197	802	767
75°	304	508	304	608	304	320
85°	52	130	52	110	52	70
90°	10	38	10	38	10	10
95°	95	435	95	435	95	106
105°	341	2961	341	2961	341	361
115°	605	3812	605	3812	605	598
125°	842	3036	842	3036	842	747
135°	1003	2356	1003	2356	1003	776
145°	1163	1911	1163	1911	1163	729
155°	1315	1646	1315	1646	1315	604
165°	1419	1533	1419	1533	1419	400
175°	1475	1485	1475	1485	1475	140
180°	1475	1475	1475	1475	1475	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5
2.5°	3449.6	3449.6	3469.0	3475.5	3475.5	3465.8	3456.1	3465.8	3494.9	3504.6	3501.4
5°	3436.7	3462.6	3498.1	3504.6	3511.0	3507.9	3501.4	3507.9	3540.2	3546.7	3550.0
7.5°	3410.7	3459.3	3504.6	3514.3	3524.0	3514.3	3511.0	3517.5	3550.0	3556.4	3556.4
10°	3378.4	3446.4	3498.1	3504.6	3514.3	3504.6	3504.6	3517.5	3550.0	3556.4	3559.6
12.5°	3333.1	3426.9	3475.5	3482.0	3494.9	3491.6	3488.5	3501.4	3533.7	3540.2	3540.2
15°	3281.4	3391.3	3436.7	3443.2	3465.8	3459.3	3459.3	3472.2	3507.9	3517.5	3514.3
17.5°	3210.1	3346.0	3397.8	3407.5	3423.7	3420.5	3423.7	3436.7	3469.0	3475.5	3478.7
20°	3129.2	3284.5	3346.0	3355.8	3371.9	3371.9	3371.9	3388.1	3420.5	3433.4	3433.4
22.5°	3019.2	3219.9	3284.5	3291.0	3310.4	3310.4	3316.9	3339.6	3368.7	3371.9	3371.9
25°	2889.8	3148.6	3203.6	3223.0	3242.5	3252.2	3262.0	3274.9	3284.5	3281.4	3284.5
27.5°	2753.8	3058.0	3129.2	3142.1	3168.1	3177.8	3190.7	3194.0	3197.2	3206.9	3200.4
30°	2601.8	2931.9	3038.6	3051.6	3093.7	3100.1	3087.2	3093.7	3109.8	3116.3	3122.7
32.5°	2430.3	2744.2	2944.8	2974.0	3012.8	2993.4	2990.1	2999.8	3025.7	3025.7	3032.2
35°	2197.2	2598.6	2857.4	2883.3	2912.4	2889.8	2902.7	2906.0	2922.1	2931.9	2928.6
37.5°	1941.6	2472.3	2766.8	2786.3	2808.9	2779.7	2799.2	2808.9	2821.8	2815.3	2815.3
40°	1715.1	2274.9	2660.0	2672.9	2692.4	2669.7	2689.1	2695.6	2702.1	2695.6	2692.4
42.5°	1546.8	2058.1	2546.7	2562.9	2550.0	2566.1	2572.6	2585.5	2575.9	2562.9	2562.9
45°	1417.4	1999.9	2423.8	2443.2	2423.8	2449.7	2459.4	2459.4	2430.3	2423.8	2420.5
47.5°	1375.3	1883.3	2300.8	2300.8	2291.1	2323.5	2339.6	2317.0	2287.9	2278.1	2278.1
50°	1372.0	1753.9	2132.5	2119.6	2164.9	2203.7	2187.6	2164.9	2142.3	2106.7	2106.7
52.5°	1245.8	1595.3	1915.7	1964.3	2035.4	2058.1	2032.2	2009.5	1970.7	1954.6	1941.6
55°	1155.3	1430.4	1718.4	1815.4	1889.8	1919.0	1870.4	1847.7	1789.5	1779.9	1773.4
57.5°	1135.9	1190.8	1537.1	1660.0	1750.7	1747.4	1718.4	1676.3	1627.7	1618.0	1614.8
60°	1042.0	860.8	1343.0	1488.6	1582.4	1572.7	1546.8	1508.0	1462.7	1456.2	1449.8
62.5°	944.9	624.6	1122.9	1287.9	1420.6	1417.4	1394.7	1336.5	1304.2	1287.9	1275.0
65°	802.5	524.3	799.3	1071.1	1262.1	1268.5	1220.0	1177.9	1142.3	1122.9	1119.7
67.5°	611.6	427.1	540.4	893.2	1109.9	1103.4	1042.0	1022.6	977.3	967.6	948.2
70°	453.0	284.8	375.4	724.9	961.1	944.9	896.3	873.8	831.7	809.0	796.0
72.5°	375.4	229.8	275.1	563.1	809.0	789.6	747.6	721.6	686.1	666.7	653.7
75°	304.2	242.7	210.4	417.5	656.9	644.0	605.2	579.3	550.1	524.3	527.4
77.5°	223.3	226.5	168.3	307.4	521.0	501.6	479.0	446.5	433.6	407.7	407.7
80°	168.3	177.9	126.2	210.4	375.4	375.4	356.0	333.3	310.7	297.8	297.8
82.5°	113.2	113.2	93.8	132.7	255.7	245.9	233.0	226.5	213.6	207.1	207.1
85°	51.7	64.7	58.2	80.9	139.1	145.6	145.6	139.1	135.9	129.5	132.7
87.5°	16.2	29.2	35.6	45.3	71.2	74.4	77.6	77.6	77.6	80.9	80.9
90°	9.9	17.9	25.7	27.7	43.6	64.7	75.3	66.8	50.1	37.6	37.6
92.5°	39.6	106.9	174.3	191.1	268.7	372.1	423.8	371.4	266.7	188.1	180.6
95°	95.0	218.3	341.6	372.3	661.1	1046.2	1238.7	1105.4	838.7	638.6	616.0
97.5°	164.4	273.1	381.8	409.0	890.5	1532.6	1853.6	1769.3	1600.8	1474.4	1431.2
100°	217.8	316.4	415.0	439.7	974.0	1686.4	2042.7	2048.8	2061.2	2070.4	2019.1
102.5°	263.3	355.3	447.3	470.4	1012.3	1734.9	2096.2	2203.5	2418.3	2579.3	2535.3
105°	340.6	418.5	496.4	515.9	1040.6	1740.4	2090.2	2330.9	2812.4	3173.4	3149.8
107.5°	419.9	492.4	565.0	583.2	1045.9	1662.9	1971.4	2307.2	2978.7	3482.4	3488.1
110°	473.3	538.9	604.5	620.9	1038.0	1594.3	1872.4	2247.8	2998.5	3561.5	3586.2



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	525.8	588.2	650.8	666.4	1038.3	1534.3	1782.2	2166.4	2934.7	3511.0	3548.9
115°	605.0	662.6	720.2	734.6	1047.9	1465.6	1674.4	2044.4	2784.6	3339.8	3392.3
117.5°	683.2	735.6	787.9	801.0	1067.4	1422.5	1600.1	1934.1	2602.1	3103.1	3161.4
120°	728.7	778.1	827.3	839.6	1083.2	1408.0	1570.4	1875.6	2485.9	2943.7	3000.2
122.5°	773.3	823.0	872.7	885.1	1105.9	1400.3	1547.6	1822.4	2372.1	2784.3	2840.1
125°	841.6	887.0	932.3	943.6	1136.6	1394.1	1522.8	1756.3	2223.2	2573.4	2624.7
127.5°	897.1	942.9	988.6	1000.1	1167.4	1390.5	1502.1	1702.5	2103.4	2404.1	2447.4
130°	926.7	976.1	1025.3	1037.7	1189.8	1392.7	1494.1	1672.6	2029.5	2297.2	2337.2
132.5°	957.4	1006.8	1056.0	1068.4	1208.0	1394.1	1487.2	1646.9	1966.4	2206.0	2241.9
135°	1003.0	1047.9	1092.8	1104.0	1227.8	1392.8	1475.3	1609.1	1876.6	2077.3	2108.2
137.5°	1049.5	1094.0	1138.4	1149.5	1257.5	1401.4	1473.3	1586.4	1812.7	1982.3	2007.6
140°	1088.1	1129.1	1170.0	1180.2	1275.7	1402.8	1466.4	1564.1	1759.5	1906.1	1929.7
142.5°	1117.9	1155.8	1193.5	1203.0	1290.8	1407.9	1466.4	1552.2	1723.8	1852.5	1872.9
145°	1163.4	1196.4	1229.5	1237.7	1310.7	1407.9	1456.5	1526.7	1667.1	1772.4	1787.8
147.5°	1209.0	1241.1	1273.3	1281.3	1339.7	1417.6	1456.5	1511.7	1622.2	1705.1	1717.8
150°	1238.7	1267.7	1296.8	1304.1	1354.8	1422.6	1456.5	1503.1	1596.5	1666.5	1676.8
152.5°	1269.3	1291.3	1313.3	1318.9	1364.8	1425.9	1456.5	1496.3	1576.0	1635.8	1643.6
155°	1315.0	1331.2	1347.5	1351.6	1386.6	1433.1	1456.5	1488.2	1551.6	1599.1	1604.3
157.5°	1348.6	1364.4	1380.3	1384.2	1408.3	1440.4	1456.5	1481.1	1530.4	1567.4	1571.0
160°	1371.4	1383.7	1396.0	1399.1	1418.2	1443.8	1456.5	1477.6	1519.9	1551.5	1553.6
162.5°	1394.1	1403.3	1412.6	1414.9	1428.7	1447.2	1456.5	1474.3	1509.9	1536.7	1538.7
165°	1418.9	1427.3	1435.6	1437.7	1443.9	1452.3	1456.5	1469.3	1494.8	1513.9	1516.0
167.5°	1441.7	1445.6	1449.6	1450.5	1455.8	1462.9	1466.4	1474.7	1491.5	1504.0	1504.9
170°	1456.5	1460.5	1464.5	1465.5	1465.7	1466.2	1466.4	1474.7	1491.5	1504.0	1504.0
172.5°	1464.4	1465.3	1466.2	1466.4	1466.4	1466.4	1466.4	1473.0	1486.2	1496.2	1495.4
175°	1475.3	1475.3	1475.3	1475.3	1472.3	1468.4	1466.4	1470.6	1478.9	1485.3	1485.3
177.5°	1475.3	1475.3	1475.3	1475.3	1473.0	1470.0	1468.4	1471.7	1478.3	1483.2	1482.4
180°	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5
2.5°	3507.9	3498.1	3507.9	3501.4	3504.6	3494.9	3465.8	3456.1	3465.8	3475.5	3475.5
5°	3550.0	3543.5	3550.0	3550.0	3546.7	3540.2	3507.9	3501.4	3507.9	3511.0	3504.6
7.5°	3562.9	3553.1	3562.9	3556.4	3556.4	3550.0	3517.5	3511.0	3514.3	3524.0	3514.3
10°	3562.9	3553.1	3562.9	3559.6	3556.4	3550.0	3517.5	3504.6	3504.6	3514.3	3504.6
12.5°	3546.7	3540.2	3546.7	3540.2	3540.2	3533.7	3501.4	3488.5	3491.6	3494.9	3482.0
15°	3520.8	3511.0	3520.8	3514.3	3517.5	3507.9	3472.2	3459.3	3459.3	3465.8	3443.2
17.5°	3482.0	3469.0	3482.0	3478.7	3475.5	3469.0	3436.7	3423.7	3420.5	3423.7	3407.5
20°	3436.7	3426.9	3436.7	3433.4	3433.4	3420.5	3388.1	3371.9	3371.9	3371.9	3355.8
22.5°	3365.4	3355.8	3365.4	3371.9	3371.9	3368.7	3339.6	3316.9	3310.4	3310.4	3291.0
25°	3284.5	3274.9	3284.5	3284.5	3281.4	3284.5	3274.9	3262.0	3252.2	3242.5	3223.0
27.5°	3206.9	3200.4	3206.9	3200.4	3206.9	3197.2	3194.0	3190.7	3177.8	3168.1	3142.1
30°	3129.2	3122.7	3129.2	3122.7	3116.3	3109.8	3093.7	3087.2	3100.1	3093.7	3051.6
32.5°	3032.2	3025.7	3032.2	3032.2	3025.7	3025.7	2999.8	2990.1	2993.4	3012.8	2974.0
35°	2931.9	2922.1	2931.9	2928.6	2931.9	2922.1	2906.0	2902.7	2889.8	2912.4	2883.3
37.5°	2815.3	2805.7	2815.3	2815.3	2815.3	2821.8	2808.9	2799.2	2779.7	2808.9	2786.3
40°	2695.6	2682.7	2695.6	2692.4	2695.6	2702.1	2695.6	2689.1	2669.7	2692.4	2672.9
42.5°	2559.7	2556.5	2559.7	2562.9	2562.9	2575.9	2585.5	2572.6	2566.1	2550.0	2562.9
45°	2414.1	2407.6	2414.1	2420.5	2423.8	2430.3	2459.4	2459.4	2449.7	2423.8	2443.2
47.5°	2258.7	2242.6	2258.7	2278.1	2278.1	2287.9	2317.0	2339.6	2323.5	2291.1	2300.8
50°	2093.7	2096.9	2093.7	2106.7	2106.7	2142.3	2164.9	2187.6	2203.7	2164.9	2119.6
52.5°	1931.9	1928.6	1931.9	1941.6	1954.6	1970.7	2009.5	2032.2	2058.1	2035.4	1964.3
55°	1770.1	1776.6	1770.1	1773.4	1779.9	1789.5	1847.7	1870.4	1919.0	1889.8	1815.4
57.5°	1608.3	1598.6	1608.3	1614.8	1618.0	1627.7	1676.3	1718.4	1747.4	1750.7	1660.0
60°	1420.6	1407.7	1420.6	1449.8	1456.2	1462.7	1508.0	1546.8	1572.7	1582.4	1488.6
62.5°	1255.6	1232.9	1255.6	1275.0	1287.9	1304.2	1336.5	1394.7	1417.4	1420.6	1287.9
65°	1080.8	1071.1	1080.8	1119.7	1122.9	1142.3	1177.9	1220.0	1268.5	1262.1	1071.1
67.5°	922.2	922.2	922.2	948.2	967.6	977.3	1022.6	1042.0	1103.4	1109.9	893.2
70°	776.6	773.4	776.6	796.0	809.0	831.7	873.8	896.3	944.9	961.1	724.9
72.5°	637.5	634.2	637.5	653.7	666.7	686.1	721.6	747.6	789.6	809.0	563.1
75°	514.5	508.0	514.5	527.4	524.3	550.1	579.3	605.2	644.0	656.9	417.5
77.5°	394.8	394.8	394.8	407.7	407.7	433.6	446.5	479.0	501.6	521.0	307.4
80°	294.5	291.3	294.5	297.8	297.8	310.7	333.3	356.0	375.4	375.4	210.4
82.5°	207.1	200.6	207.1	207.1	207.1	213.6	226.5	233.0	245.9	255.7	132.7
85°	129.5	129.5	129.5	132.7	129.5	135.9	139.1	145.6	145.6	139.1	80.9
87.5°	84.1	80.9	84.1	80.9	80.9	77.6	77.6	77.6	74.4	71.2	45.3
90°	37.6	37.6	37.6	37.6	37.6	50.1	66.8	75.3	64.7	43.6	27.7
92.5°	150.7	120.8	150.7	180.6	188.1	266.7	371.4	423.8	372.1	268.7	191.1
95°	525.3	434.7	525.3	616.0	638.6	838.7	1105.4	1238.7	1046.2	661.1	372.3
97.5°	1258.7	1086.2	1258.7	1431.2	1474.4	1600.8	1769.3	1853.6	1532.6	890.5	409.0
100°	1813.5	1608.0	1813.5	2019.1	2070.4	2061.2	2048.8	2042.7	1686.4	974.0	439.7
102.5°	2359.3	2183.3	2359.3	2535.3	2579.3	2418.3	2203.5	2096.2	1734.9	1012.3	470.4
105°	3055.1	2960.6	3055.1	3149.8	3173.4	2812.4	2330.9	2090.2	1740.4	1040.6	515.9
107.5°	3510.9	3533.8	3510.9	3488.1	3482.4	2978.7	2307.2	1971.4	1662.9	1045.9	583.2
110°	3684.8	3783.4	3684.8	3586.2	3561.5	2998.5	2247.8	1872.4	1594.3	1038.0	620.9



TEST NUMBER: P935748

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-8-6500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	3700.3	3851.6	3700.3	3548.9	3511.0	2934.7	2166.4	1782.2	1534.3	1038.3	666.4
115°	3602.2	3812.1	3602.2	3392.3	3339.8	2784.6	2044.4	1674.4	1465.6	1047.9	734.6
117.5°	3394.1	3626.9	3394.1	3161.4	3103.1	2602.1	1934.1	1600.1	1422.5	1067.4	801.0
120°	3226.5	3452.6	3226.5	3000.2	2943.7	2485.9	1875.6	1570.4	1408.0	1083.2	839.6
122.5°	3063.3	3286.3	3063.3	2840.1	2784.3	2372.1	1822.4	1547.6	1400.3	1105.9	885.1
125°	2830.3	3035.8	2830.3	2624.7	2573.4	2223.2	1756.3	1522.8	1394.1	1136.6	943.6
127.5°	2620.8	2794.2	2620.8	2447.4	2404.1	2103.4	1702.5	1502.1	1390.5	1167.4	1000.1
130°	2497.4	2657.5	2497.4	2337.2	2297.2	2029.5	1672.6	1494.1	1392.7	1189.8	1037.7
132.5°	2385.4	2528.8	2385.4	2241.9	2206.0	1966.4	1646.9	1487.2	1394.1	1208.0	1068.4
135°	2231.9	2355.6	2231.9	2108.2	2077.3	1876.6	1609.1	1475.3	1392.8	1227.8	1104.0
137.5°	2108.8	2210.0	2108.8	2007.6	1982.3	1812.7	1586.4	1473.3	1401.4	1257.5	1149.5
140°	2024.4	2118.9	2024.4	1929.7	1906.1	1759.5	1564.1	1466.4	1402.8	1275.7	1180.2
142.5°	1954.3	2035.7	1954.3	1872.9	1852.5	1723.8	1552.2	1466.4	1407.9	1290.8	1203.0
145°	1849.4	1911.0	1849.4	1787.8	1772.4	1667.1	1526.7	1456.5	1407.9	1310.7	1237.7
147.5°	1768.9	1819.9	1768.9	1717.8	1705.1	1622.2	1511.7	1456.5	1417.6	1339.7	1281.3
150°	1718.2	1759.5	1718.2	1676.8	1666.5	1596.5	1503.1	1456.5	1422.6	1354.8	1304.1
152.5°	1674.8	1706.0	1674.8	1643.6	1635.8	1576.0	1496.3	1456.5	1425.9	1364.8	1318.9
155°	1625.0	1645.6	1625.0	1604.3	1599.1	1551.6	1488.2	1456.5	1433.1	1386.6	1351.6
157.5°	1585.6	1600.1	1585.6	1571.0	1567.4	1530.4	1481.1	1456.5	1440.4	1408.3	1384.2
160°	1561.9	1570.4	1561.9	1553.6	1551.5	1519.9	1477.6	1456.5	1443.8	1418.2	1399.1
162.5°	1546.6	1554.6	1546.6	1538.7	1536.7	1509.9	1474.3	1456.5	1447.2	1428.7	1414.9
165°	1524.4	1532.8	1524.4	1516.0	1513.9	1494.8	1469.3	1456.5	1452.3	1443.9	1437.7
167.5°	1508.4	1511.9	1508.4	1504.9	1504.0	1491.5	1474.7	1466.4	1462.9	1455.8	1450.5
170°	1504.0	1504.0	1504.0	1504.0	1504.0	1491.5	1474.7	1466.4	1466.2	1465.7	1465.5
172.5°	1492.2	1489.2	1492.2	1495.4	1496.2	1486.2	1473.0	1466.4	1466.4	1466.4	1466.4
175°	1485.3	1485.3	1485.3	1485.3	1485.3	1478.9	1470.6	1466.4	1468.4	1472.3	1475.3
177.5°	1478.8	1475.3	1478.8	1482.4	1483.2	1478.3	1471.7	1468.4	1470.0	1473.0	1475.3
180°	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3



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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5
2.5°	3469.0	3449.6	3449.6	3417.2	3404.3	3394.6	3378.4	3329.8	3316.9	3303.9	3323.4
5°	3498.1	3462.6	3436.7	3378.4	3329.8	3310.4	3249.0	3132.5	3054.8	2996.5	2964.2
7.5°	3504.6	3459.3	3410.7	3320.2	3203.6	3151.9	2964.2	2750.6	2692.4	2640.6	2608.2
10°	3498.1	3446.4	3378.4	3242.5	2967.4	2876.8	2689.1	2550.0	2514.4	2504.7	2514.4
12.5°	3475.5	3426.9	3333.1	3106.6	2721.5	2660.0	2550.0	2469.1	2462.6	2478.8	2566.1
15°	3436.7	3391.3	3281.4	2925.4	2585.5	2540.3	2462.6	2433.5	2469.1	2582.4	2844.5
17.5°	3397.8	3346.0	3210.1	2747.4	2482.0	2449.7	2394.7	2452.9	2653.5	2805.7	2893.0
20°	3346.0	3284.5	3129.2	2618.0	2407.6	2378.4	2352.6	2614.7	2766.8	2821.8	2870.4
22.5°	3284.5	3219.9	3019.2	2527.3	2330.0	2307.3	2323.5	2705.4	2766.8	2805.7	2847.7
25°	3203.6	3148.6	2889.8	2456.2	2268.5	2242.6	2304.0	2695.6	2731.2	2740.9	2825.1
27.5°	3129.2	3058.0	2753.8	2391.4	2194.0	2184.3	2320.2	2653.5	2679.4	2689.1	2779.7
30°	3038.6	2931.9	2601.8	2323.5	2116.3	2113.1	2323.5	2601.8	2595.3	2621.2	2711.8
32.5°	2944.8	2744.2	2430.3	2239.3	2042.0	2038.7	2300.8	2524.1	2517.7	2553.2	2621.2
35°	2857.4	2598.6	2197.2	2142.3	1948.1	1951.3	2245.8	2433.5	2436.8	2469.1	2511.2
37.5°	2766.8	2472.3	1941.6	2035.4	1857.5	1857.5	2171.3	2349.4	2342.9	2352.6	2410.8
40°	2660.0	2274.9	1715.1	1896.3	1773.4	1763.6	2080.8	2258.7	2236.1	2232.9	2313.8
42.5°	2546.7	2058.1	1546.8	1711.9	1676.3	1663.3	1970.7	2148.8	2106.7	2116.3	2219.9
45°	2423.8	1999.9	1417.4	1446.5	1575.9	1566.2	1851.0	2022.5	1993.4	2019.3	2126.1
47.5°	2300.8	1883.3	1375.3	1200.6	1469.2	1465.9	1718.4	1899.6	1883.3	1909.2	2022.5
50°	2132.5	1753.9	1372.0	1029.1	1349.4	1362.4	1559.7	1779.9	1779.9	1802.4	1922.2
52.5°	1915.7	1595.3	1245.8	932.0	1210.3	1249.1	1420.6	1676.3	1682.7	1705.4	1812.2
55°	1718.4	1430.4	1155.3	857.5	1045.2	1129.4	1284.7	1569.5	1582.4	1605.1	1702.1
57.5°	1537.1	1190.8	1135.9	770.2	893.2	974.1	1164.9	1465.9	1472.3	1491.9	1585.7
60°	1343.0	860.8	1042.0	676.3	760.5	821.9	1055.0	1343.0	1365.6	1378.5	1459.4
62.5°	1122.9	624.6	944.9	611.6	695.7	708.7	964.3	1226.4	1255.6	1265.3	1313.8
65°	799.3	524.3	802.5	556.6	627.7	631.0	867.3	1106.7	1132.6	1148.8	1184.3
67.5°	540.4	427.1	611.6	504.8	576.0	579.3	773.4	967.6	1003.1	1016.1	1038.8
70°	375.4	284.8	453.0	449.8	517.8	524.3	673.1	841.4	873.8	883.4	896.3
72.5°	275.1	229.8	375.4	404.5	456.3	462.8	569.5	699.0	731.3	741.0	747.6
75°	210.4	242.7	304.2	352.7	388.3	391.6	466.0	569.5	592.2	598.7	601.9
77.5°	168.3	226.5	223.3	284.8	317.2	310.7	365.6	440.1	459.5	459.5	459.5
80°	126.2	177.9	168.3	203.9	233.0	226.5	262.1	313.9	320.3	326.8	323.6
82.5°	93.8	113.2	113.2	129.5	155.3	148.9	174.8	203.9	203.9	203.9	210.4
85°	58.2	64.7	51.7	68.0	87.4	84.1	97.1	110.1	113.2	113.2	106.8
87.5°	35.6	29.2	16.2	25.9	38.8	38.8	45.3	48.6	45.3	45.3	45.3
90°	25.7	17.9	9.9	17.9	25.7	27.7	43.6	64.7	75.3	66.8	50.1
92.5°	174.3	106.9	39.6	106.9	174.3	191.1	268.7	372.1	423.8	371.4	266.7
95°	341.6	218.3	95.0	218.3	341.6	372.3	661.1	1046.2	1238.7	1105.4	838.7
97.5°	381.8	273.1	164.4	273.1	381.8	409.0	890.5	1532.6	1853.6	1769.3	1600.8
100°	415.0	316.4	217.8	316.4	415.0	439.7	974.0	1686.4	2042.7	2048.8	2061.2
102.5°	447.3	355.3	263.3	355.3	447.3	470.4	1012.3	1734.9	2096.2	2203.5	2418.3
105°	496.4	418.5	340.6	418.5	496.4	515.9	1040.6	1740.4	2090.2	2330.9	2812.4
107.5°	565.0	492.4	419.9	492.4	565.0	583.2	1045.9	1662.9	1971.4	2307.2	2978.7
110°	604.5	538.9	473.3	538.9	604.5	620.9	1038.0	1594.3	1872.4	2247.8	2998.5



TEST NUMBER: P935748

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	650.8	588.2	525.8	588.2	650.8	666.4	1038.3	1534.3	1782.2	2166.4	2934.7
115°	720.2	662.6	605.0	662.6	720.2	734.6	1047.9	1465.6	1674.4	2044.4	2784.6
117.5°	787.9	735.6	683.2	735.6	787.9	801.0	1067.4	1422.5	1600.1	1934.1	2602.1
120°	827.3	778.1	728.7	778.1	827.3	839.6	1083.2	1408.0	1570.4	1875.6	2485.9
122.5°	872.7	823.0	773.3	823.0	872.7	885.1	1105.9	1400.3	1547.6	1822.4	2372.1
125°	932.3	887.0	841.6	887.0	932.3	943.6	1136.6	1394.1	1522.8	1756.3	2223.2
127.5°	988.6	942.9	897.1	942.9	988.6	1000.1	1167.4	1390.5	1502.1	1702.5	2103.4
130°	1025.3	976.1	926.7	976.1	1025.3	1037.7	1189.8	1392.7	1494.1	1672.6	2029.5
132.5°	1056.0	1006.8	957.4	1006.8	1056.0	1068.4	1208.0	1394.1	1487.2	1646.9	1966.4
135°	1092.8	1047.9	1003.0	1047.9	1092.8	1104.0	1227.8	1392.8	1475.3	1609.1	1876.6
137.5°	1138.4	1094.0	1049.5	1094.0	1138.4	1149.5	1257.5	1401.4	1473.3	1586.4	1812.7
140°	1170.0	1129.1	1088.1	1129.1	1170.0	1180.2	1275.7	1402.8	1466.4	1564.1	1759.5
142.5°	1193.5	1155.8	1117.9	1155.8	1193.5	1203.0	1290.8	1407.9	1466.4	1552.2	1723.8
145°	1229.5	1196.4	1163.4	1196.4	1229.5	1237.7	1310.7	1407.9	1456.5	1526.7	1667.1
147.5°	1273.3	1241.1	1209.0	1241.1	1273.3	1281.3	1339.7	1417.6	1456.5	1511.7	1622.2
150°	1296.8	1267.7	1238.7	1267.7	1296.8	1304.1	1354.8	1422.6	1456.5	1503.1	1596.5
152.5°	1313.3	1291.3	1269.3	1291.3	1313.3	1318.9	1364.8	1425.9	1456.5	1496.3	1576.0
155°	1347.5	1331.2	1315.0	1331.2	1347.5	1351.6	1386.6	1433.1	1456.5	1488.2	1551.6
157.5°	1380.3	1364.4	1348.6	1364.4	1380.3	1384.2	1408.3	1440.4	1456.5	1481.1	1530.4
160°	1396.0	1383.7	1371.4	1383.7	1396.0	1399.1	1418.2	1443.8	1456.5	1477.6	1519.9
162.5°	1412.6	1403.3	1394.1	1403.3	1412.6	1414.9	1428.7	1447.2	1456.5	1474.3	1509.9
165°	1435.6	1427.3	1418.9	1427.3	1435.6	1437.7	1443.9	1452.3	1456.5	1469.3	1494.8
167.5°	1449.6	1445.6	1441.7	1445.6	1449.6	1450.5	1455.8	1462.9	1466.4	1474.7	1491.5
170°	1464.5	1460.5	1456.5	1460.5	1464.5	1465.5	1465.7	1466.2	1466.4	1474.7	1491.5
172.5°	1466.2	1465.3	1464.4	1465.3	1466.2	1466.4	1466.4	1466.4	1466.4	1473.0	1486.2
175°	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1472.3	1468.4	1466.4	1470.6	1478.9
177.5°	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1473.0	1470.0	1468.4	1471.7	1478.3
180°	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5	3420.5
2.5°	3300.8	3291.0	3303.9	3268.4	3303.9	3291.0	3300.8	3323.4	3303.9	3316.9	3329.8
5°	2896.2	2880.1	2828.3	2786.3	2828.3	2880.1	2896.2	2964.2	2996.5	3054.8	3132.5
7.5°	2588.8	2575.9	2562.9	2537.1	2562.9	2575.9	2588.8	2608.2	2640.6	2692.4	2750.6
10°	2520.9	2524.1	2543.5	2540.3	2543.5	2524.1	2520.9	2514.4	2504.7	2514.4	2550.0
12.5°	2695.6	2724.8	2831.5	2825.1	2831.5	2724.8	2695.6	2566.1	2478.8	2462.6	2469.1
15°	2896.2	2906.0	2928.6	2931.9	2928.6	2906.0	2896.2	2844.5	2582.4	2469.1	2433.5
17.5°	2915.6	2918.9	2935.0	2935.0	2935.0	2918.9	2915.6	2893.0	2805.7	2653.5	2452.9
20°	2899.5	2906.0	2938.3	2944.8	2938.3	2906.0	2899.5	2870.4	2821.8	2766.8	2614.7
22.5°	2893.0	2906.0	2931.9	2928.6	2931.9	2906.0	2893.0	2847.7	2805.7	2766.8	2705.4
25°	2860.6	2860.6	2863.9	2867.1	2863.9	2860.6	2860.6	2825.1	2740.9	2731.2	2695.6
27.5°	2792.7	2799.2	2818.6	2815.3	2818.6	2799.2	2792.7	2779.7	2689.1	2679.4	2653.5
30°	2731.2	2724.8	2708.5	2695.6	2708.5	2724.8	2731.2	2711.8	2621.2	2595.3	2601.8
32.5°	2627.6	2611.5	2595.3	2585.5	2595.3	2611.5	2627.6	2621.2	2553.2	2517.7	2524.1
35°	2504.7	2507.9	2504.7	2495.0	2504.7	2507.9	2504.7	2511.2	2469.1	2436.8	2433.5
37.5°	2417.4	2423.8	2420.5	2407.6	2420.5	2423.8	2417.4	2410.8	2352.6	2342.9	2349.4
40°	2326.7	2330.0	2326.7	2317.0	2326.7	2330.0	2326.7	2313.8	2232.9	2236.1	2258.7
42.5°	2239.3	2236.1	2226.4	2219.9	2226.4	2236.1	2239.3	2219.9	2116.3	2106.7	2148.8
45°	2139.0	2142.3	2122.8	2113.1	2122.8	2142.3	2139.0	2126.1	2019.3	1993.4	2022.5
47.5°	2038.7	2038.7	2022.5	2012.8	2022.5	2038.7	2038.7	2022.5	1909.2	1883.3	1899.6
50°	1931.9	1928.6	1906.0	1902.8	1906.0	1928.6	1931.9	1922.2	1802.4	1779.9	1779.9
52.5°	1808.9	1808.9	1812.2	1818.7	1812.2	1808.9	1808.9	1812.2	1705.4	1682.7	1676.3
55°	1702.1	1705.4	1728.0	1734.5	1728.0	1705.4	1702.1	1702.1	1605.1	1582.4	1569.5
57.5°	1592.2	1592.2	1608.3	1608.3	1608.3	1592.2	1592.2	1585.7	1491.9	1472.3	1465.9
60°	1465.9	1472.3	1485.4	1482.1	1485.4	1472.3	1465.9	1459.4	1378.5	1365.6	1343.0
62.5°	1333.2	1339.7	1343.0	1336.5	1343.0	1339.7	1333.2	1313.8	1265.3	1255.6	1226.4
65°	1194.1	1200.6	1203.8	1197.3	1203.8	1200.6	1194.1	1184.3	1148.8	1132.6	1106.7
67.5°	1051.7	1048.5	1045.2	1058.2	1045.2	1048.5	1051.7	1038.8	1016.1	1003.1	967.6
70°	906.1	906.1	902.8	909.3	902.8	906.1	906.1	896.3	883.4	873.8	841.4
72.5°	750.8	747.6	760.5	750.8	760.5	747.6	750.8	747.6	741.0	731.3	699.0
75°	598.7	605.2	598.7	608.3	598.7	605.2	598.7	601.9	598.7	592.2	569.5
77.5°	456.3	462.8	456.3	456.3	456.3	462.8	456.3	459.5	459.5	459.5	440.1
80°	323.6	320.3	320.3	317.2	320.3	320.3	323.6	323.6	326.8	320.3	313.9
82.5°	207.1	203.9	203.9	210.4	203.9	203.9	207.1	210.4	203.9	203.9	203.9
85°	113.2	116.5	110.1	110.1	110.1	116.5	113.2	106.8	113.2	113.2	110.1
87.5°	42.1	38.8	38.8	38.8	38.8	38.8	42.1	45.3	45.3	45.3	48.6
90°	37.6	37.6	37.6	37.6	37.6	37.6	37.6	50.1	66.8	75.3	64.7
92.5°	188.1	180.6	150.7	120.8	150.7	180.6	188.1	266.7	371.4	423.8	372.1
95°	638.6	616.0	525.3	434.7	525.3	616.0	638.6	838.7	1105.4	1238.7	1046.2
97.5°	1474.4	1431.2	1258.7	1086.2	1258.7	1431.2	1474.4	1600.8	1769.3	1853.6	1532.6
100°	2070.4	2019.1	1813.5	1608.0	1813.5	2019.1	2070.4	2061.2	2048.8	2042.7	1686.4
102.5°	2579.3	2535.3	2359.3	2183.3	2359.3	2535.3	2579.3	2418.3	2203.5	2096.2	1734.9
105°	3173.4	3149.8	3055.1	2960.6	3055.1	3149.8	3173.4	2812.4	2330.9	2090.2	1740.4
107.5°	3482.4	3488.1	3510.9	3533.8	3510.9	3488.1	3482.4	2978.7	2307.2	1971.4	1662.9
110°	3561.5	3586.2	3684.8	3783.4	3684.8	3586.2	3561.5	2998.5	2247.8	1872.4	1594.3



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	3511.0	3548.9	3700.3	3851.6	3700.3	3548.9	3511.0	2934.7	2166.4	1782.2	1534.3
115°	3339.8	3392.3	3602.2	3812.1	3602.2	3392.3	3339.8	2784.6	2044.4	1674.4	1465.6
117.5°	3103.1	3161.4	3394.1	3626.9	3394.1	3161.4	3103.1	2602.1	1934.1	1600.1	1422.5
120°	2943.7	3000.2	3226.5	3452.6	3226.5	3000.2	2943.7	2485.9	1875.6	1570.4	1408.0
122.5°	2784.3	2840.1	3063.3	3286.3	3063.3	2840.1	2784.3	2372.1	1822.4	1547.6	1400.3
125°	2573.4	2624.7	2830.3	3035.8	2830.3	2624.7	2573.4	2223.2	1756.3	1522.8	1394.1
127.5°	2404.1	2447.4	2620.8	2794.2	2620.8	2447.4	2404.1	2103.4	1702.5	1502.1	1390.5
130°	2297.2	2337.2	2497.4	2657.5	2497.4	2337.2	2297.2	2029.5	1672.6	1494.1	1392.7
132.5°	2206.0	2241.9	2385.4	2528.8	2385.4	2241.9	2206.0	1966.4	1646.9	1487.2	1394.1
135°	2077.3	2108.2	2231.9	2355.6	2231.9	2108.2	2077.3	1876.6	1609.1	1475.3	1392.8
137.5°	1982.3	2007.6	2108.8	2210.0	2108.8	2007.6	1982.3	1812.7	1586.4	1473.3	1401.4
140°	1906.1	1929.7	2024.4	2118.9	2024.4	1929.7	1906.1	1759.5	1564.1	1466.4	1402.8
142.5°	1852.5	1872.9	1954.3	2035.7	1954.3	1872.9	1852.5	1723.8	1552.2	1466.4	1407.9
145°	1772.4	1787.8	1849.4	1911.0	1849.4	1787.8	1772.4	1667.1	1526.7	1456.5	1407.9
147.5°	1705.1	1717.8	1768.9	1819.9	1768.9	1717.8	1705.1	1622.2	1511.7	1456.5	1417.6
150°	1666.5	1676.8	1718.2	1759.5	1718.2	1676.8	1666.5	1596.5	1503.1	1456.5	1422.6
152.5°	1635.8	1643.6	1674.8	1706.0	1674.8	1643.6	1635.8	1576.0	1496.3	1456.5	1425.9
155°	1599.1	1604.3	1625.0	1645.6	1625.0	1604.3	1599.1	1551.6	1488.2	1456.5	1433.1
157.5°	1567.4	1571.0	1585.6	1600.1	1585.6	1571.0	1567.4	1530.4	1481.1	1456.5	1440.4
160°	1551.5	1553.6	1561.9	1570.4	1561.9	1553.6	1551.5	1519.9	1477.6	1456.5	1443.8
162.5°	1536.7	1538.7	1546.6	1554.6	1546.6	1538.7	1536.7	1509.9	1474.3	1456.5	1447.2
165°	1513.9	1516.0	1524.4	1532.8	1524.4	1516.0	1513.9	1494.8	1469.3	1456.5	1452.3
167.5°	1504.0	1504.9	1508.4	1511.9	1508.4	1504.9	1504.0	1491.5	1474.7	1466.4	1462.9
170°	1504.0	1504.0	1504.0	1504.0	1504.0	1504.0	1504.0	1491.5	1474.7	1466.4	1466.2
172.5°	1496.2	1495.4	1492.2	1489.2	1492.2	1495.4	1496.2	1486.2	1473.0	1466.4	1466.4
175°	1485.3	1485.3	1485.3	1485.3	1485.3	1485.3	1485.3	1478.9	1470.6	1466.4	1468.4
177.5°	1483.2	1482.4	1478.8	1475.3	1478.8	1482.4	1483.2	1478.3	1471.7	1468.4	1470.0
180°	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3	1475.3



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3420.5	3420.5	3420.5	3420.5	3420.5
2.5°	3378.4	3394.6	3404.3	3417.2	3449.6
5°	3249.0	3310.4	3329.8	3378.4	3436.7
7.5°	2964.2	3151.9	3203.6	3320.2	3410.7
10°	2689.1	2876.8	2967.4	3242.5	3378.4
12.5°	2550.0	2660.0	2721.5	3106.6	3333.1
15°	2462.6	2540.3	2585.5	2925.4	3281.4
17.5°	2394.7	2449.7	2482.0	2747.4	3210.1
20°	2352.6	2378.4	2407.6	2618.0	3129.2
22.5°	2323.5	2307.3	2330.0	2527.3	3019.2
25°	2304.0	2242.6	2268.5	2456.2	2889.8
27.5°	2320.2	2184.3	2194.0	2391.4	2753.8
30°	2323.5	2113.1	2116.3	2323.5	2601.8
32.5°	2300.8	2038.7	2042.0	2239.3	2430.3
35°	2245.8	1951.3	1948.1	2142.3	2197.2
37.5°	2171.3	1857.5	1857.5	2035.4	1941.6
40°	2080.8	1763.6	1773.4	1896.3	1715.1
42.5°	1970.7	1663.3	1676.3	1711.9	1546.8
45°	1851.0	1566.2	1575.9	1446.5	1417.4
47.5°	1718.4	1465.9	1469.2	1200.6	1375.3
50°	1559.7	1362.4	1349.4	1029.1	1372.0
52.5°	1420.6	1249.1	1210.3	932.0	1245.8
55°	1284.7	1129.4	1045.2	857.5	1155.3
57.5°	1164.9	974.1	893.2	770.2	1135.9
60°	1055.0	821.9	760.5	676.3	1042.0
62.5°	964.3	708.7	695.7	611.6	944.9
65°	867.3	631.0	627.7	556.6	802.5
67.5°	773.4	579.3	576.0	504.8	611.6
70°	673.1	524.3	517.8	449.8	453.0
72.5°	569.5	462.8	456.3	404.5	375.4
75°	466.0	391.6	388.3	352.7	304.2
77.5°	365.6	310.7	317.2	284.8	223.3
80°	262.1	226.5	233.0	203.9	168.3
82.5°	174.8	148.9	155.3	129.5	113.2
85°	97.1	84.1	87.4	68.0	51.7
87.5°	45.3	38.8	38.8	25.9	16.2
90°	43.6	27.7	25.7	17.9	9.9
92.5°	268.7	191.1	174.3	106.9	39.6
95°	661.1	372.3	341.6	218.3	95.0
97.5°	890.5	409.0	381.8	273.1	164.4
100°	974.0	439.7	415.0	316.4	217.8
102.5°	1012.3	470.4	447.3	355.3	263.3
105°	1040.6	515.9	496.4	418.5	340.6
107.5°	1045.9	583.2	565.0	492.4	419.9
110°	1038.0	620.9	604.5	538.9	473.3



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	1038.3	666.4	650.8	588.2	525.8
115°	1047.9	734.6	720.2	662.6	605.0
117.5°	1067.4	801.0	787.9	735.6	683.2
120°	1083.2	839.6	827.3	778.1	728.7
122.5°	1105.9	885.1	872.7	823.0	773.3
125°	1136.6	943.6	932.3	887.0	841.6
127.5°	1167.4	1000.1	988.6	942.9	897.1
130°	1189.8	1037.7	1025.3	976.1	926.7
132.5°	1208.0	1068.4	1056.0	1006.8	957.4
135°	1227.8	1104.0	1092.8	1047.9	1003.0
137.5°	1257.5	1149.5	1138.4	1094.0	1049.5
140°	1275.7	1180.2	1170.0	1129.1	1088.1
142.5°	1290.8	1203.0	1193.5	1155.8	1117.9
145°	1310.7	1237.7	1229.5	1196.4	1163.4
147.5°	1339.7	1281.3	1273.3	1241.1	1209.0
150°	1354.8	1304.1	1296.8	1267.7	1238.7
152.5°	1364.8	1318.9	1313.3	1291.3	1269.3
155°	1386.6	1351.6	1347.5	1331.2	1315.0
157.5°	1408.3	1384.2	1380.3	1364.4	1348.6
160°	1418.2	1399.1	1396.0	1383.7	1371.4
162.5°	1428.7	1414.9	1412.6	1403.3	1394.1
165°	1443.9	1437.7	1435.6	1427.3	1418.9
167.5°	1455.8	1450.5	1449.6	1445.6	1441.7
170°	1465.7	1465.5	1464.5	1460.5	1456.5
172.5°	1466.4	1466.4	1466.2	1465.3	1464.4
175°	1472.3	1475.3	1475.3	1475.3	1475.3
177.5°	1473.0	1475.3	1475.3	1475.3	1475.3
180°	1475.3	1475.3	1475.3	1475.3	1475.3



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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	14.24	15.08	15.21	16.07	17.37	17.07	17.92	18.05	18.91	20.20
	3H	14.71	15.47	15.70	16.46	17.78	18.42	19.18	19.40	20.17	21.49
	4H	14.90	15.62	15.90	16.62	17.95	18.87	19.58	19.86	20.58	21.91
	6H	15.02	15.68	16.03	16.68	18.02	19.15	19.81	20.16	20.82	22.16
	8H	15.02	15.65	16.04	16.67	18.01	19.23	19.85	20.24	20.88	22.21
	12H	14.99	15.59	16.01	16.60	17.96	19.27	19.86	20.29	20.88	22.24
4H	2H	15.27	15.98	16.27	16.98	18.31	17.48	18.20	18.48	19.20	20.52
	3H	16.29	16.89	17.31	17.92	19.26	18.99	19.58	20.00	20.61	21.95
	4H	16.57	17.12	17.59	18.14	19.50	19.52	20.06	20.54	21.08	22.45
	6H	16.69	17.16	17.73	18.21	19.57	19.88	20.35	20.91	21.40	22.76
	8H	16.70	17.14	17.73	18.17	19.55	19.99	20.43	21.02	21.47	22.84
	12H	16.67	17.06	17.72	18.11	19.49	20.05	20.44	21.10	21.50	22.88
8H	4H	17.02	17.46	18.06	18.50	19.87	19.64	20.08	20.67	21.11	22.49
	6H	17.28	17.65	18.34	18.73	20.10	20.08	20.44	21.13	21.52	22.89
	8H	17.33	17.65	18.39	18.71	20.10	20.23	20.55	21.29	21.61	23.01
	12H	17.31	17.59	18.38	18.65	20.08	20.33	20.61	21.40	21.67	23.10
12H	4H	17.03	17.43	18.08	18.48	19.86	19.60	20.00	20.65	21.05	22.43
	6H	17.35	17.66	18.41	18.73	20.12	20.07	20.39	21.14	21.46	22.85
	8H	17.41	17.69	18.48	18.75	20.18	20.24	20.52	21.30	21.58	23.01