

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: P934847

Luminaire Tested: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934847
REPORT IS A COMBINATION OF REPORTS P933716 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

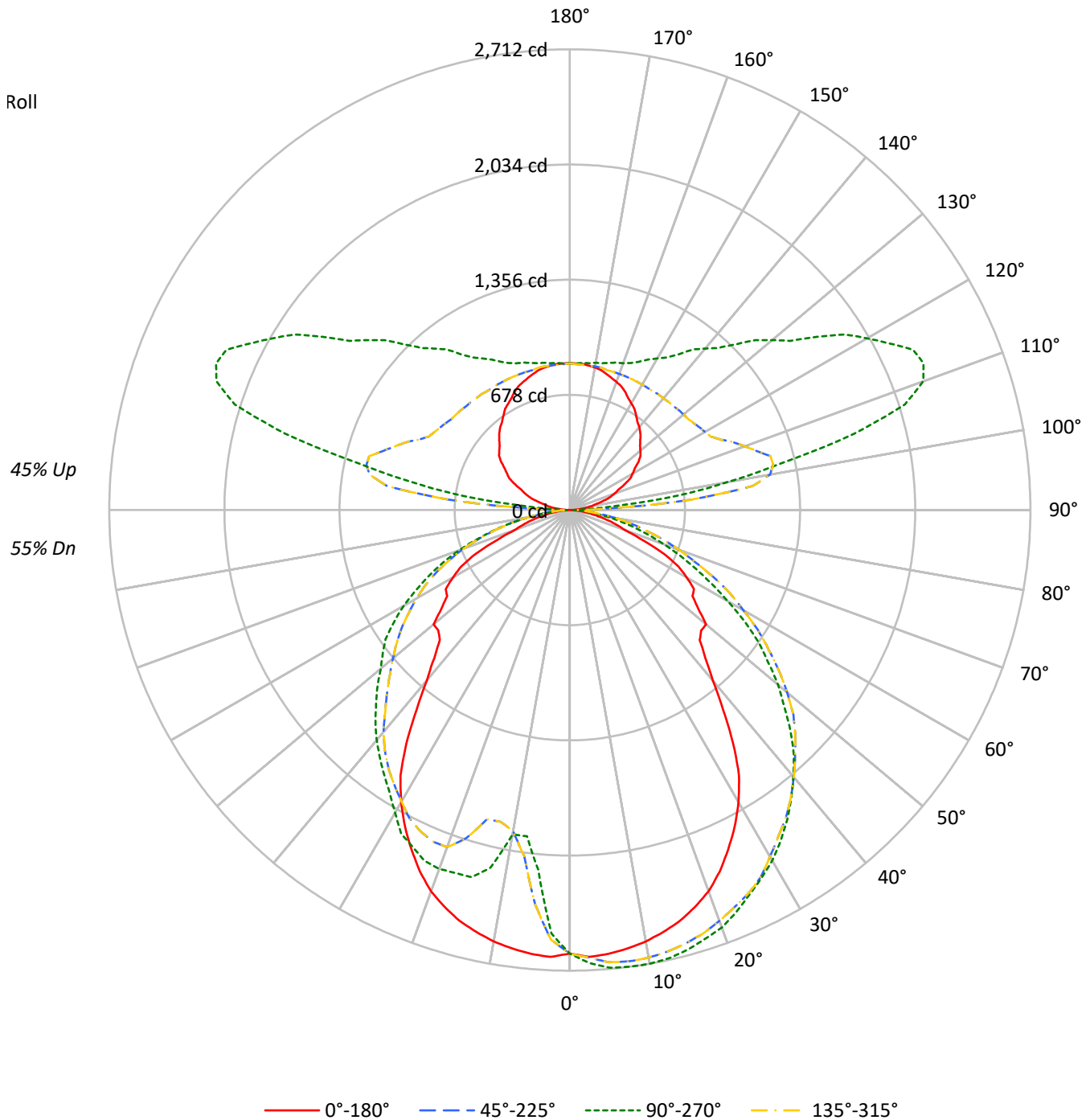
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12369.9 lumens
Efficiency: N/A
Efficacy: 120.8 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): 102.4
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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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	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	108	108	108	108	100	100	100	100	86	86	86	73	73	73	60	60	60	55
1	99	95	91	87	92	88	85	82	76	73	71	64	62	61	54	52	51	46
2	90	83	76	71	83	77	72	67	66	62	59	56	53	51	47	45	43	39
3	82	73	65	59	76	68	61	56	58	53	49	50	46	43	42	39	37	33
4	75	64	56	50	69	60	53	47	52	46	42	44	40	37	37	34	32	28
5	69	57	49	43	64	54	46	41	46	41	36	40	35	32	34	30	28	24
6	64	51	43	37	59	48	41	35	42	36	32	36	31	28	30	27	24	21
7	59	46	38	33	54	43	36	31	38	32	28	33	28	25	28	24	21	19
8	55	42	34	29	51	39	32	27	35	29	25	30	25	22	25	22	19	17
9	51	38	31	26	47	36	29	25	32	26	22	27	23	20	24	20	17	15
10	47	35	28	23	44	33	26	22	29	24	20	25	21	18	22	18	16	14

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	12113	12113	12113	12113
5°	12203	12227	12203	9614
10°	12122	12044	12122	8611
15°	11990	11784	11990	9840
20°	11740	11475	11740	9860
25°	11226	11024	11226	9651
30°	10562	10649	10562	9193
35°	9416	10176	9416	8688
40°	7846	9618	7846	8307
45°	7011	8966	7011	7869
50°	7448	8188	7448	7430
55°	7008	7349	7008	7175
60°	7223	6242	7223	6572
65°	6549	5160	6549	5768
70°	4534	4113	4534	4834
75°	3977	3040	3977	3640
80°	3204	2010	3204	2189
85°	1840	1064	1840	904

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10745 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	235.7	1.9
10°-20°	669.1	5.4
20°-30°	1034.3	8.4
30°-40°	1234.8	10.0
40°-50°	1242.0	10.0
50°-60°	1080.7	8.7
60°-70°	766.2	6.2
70°-80°	405.4	3.3
80°-90°	104.3	0.8
90°-100°	420.9	3.4
100°-110°	1106.5	8.9
110°-120°	1147.4	9.3
120°-130°	920.3	7.4
130°-140°	722.1	5.8
140°-150°	554.3	4.5
150°-160°	399.2	3.2
160°-170°	244.2	2.0
170°-180°	82.5	0.7
0°-30°	1939.1	15.7
0°-40°	3173.9	25.7
0°-60°	5496.6	44.4
0°-90°	6772.4	54.7
90°-120°	2674.8	21.6
90°-150°	4871.6	39.4
90°-180°	5597.0	45.2
0°-180°	12369.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2611	2611	2611	2611	2611	
5°	2623	2705	2623	2127	2623	249
15°	2504	2680	2504	2238	2504	705
25°	2206	2500	2206	2188	2206	1013
35°	1677	2230	1677	1904	1677	1038
45°	1082	1838	1082	1613	1082	867
55°	882	1356	882	1324	882	810
65°	612	818	612	914	612	585
75°	232	388	232	464	232	244
85°	40	99	40	84	40	53
90°	6	22	6	22	6	6
95°	56	254	56	254	56	62
105°	199	1733	199	1733	199	211
115°	354	2231	354	2231	354	350
125°	493	1777	493	1777	493	437
135°	587	1379	587	1379	587	454
145°	681	1118	681	1118	681	427
155°	770	963	770	963	770	354
165°	830	897	830	897	830	234
175°	864	869	864	869	864	82
180°	864	864	864	864	864	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7
2.5°	2633.0	2633.0	2647.7	2652.7	2652.7	2645.3	2637.9	2645.3	2667.6	2674.9	2672.5
5°	2623.1	2642.8	2670.0	2674.9	2679.9	2677.4	2672.5	2677.4	2702.1	2707.1	2709.5
7.5°	2603.3	2640.4	2674.9	2682.3	2689.8	2682.3	2679.9	2684.8	2709.5	2714.5	2714.5
10°	2578.6	2630.4	2670.0	2674.9	2682.3	2674.9	2674.9	2684.8	2709.5	2714.5	2716.9
12.5°	2544.0	2615.7	2652.7	2657.6	2667.6	2665.0	2662.6	2672.5	2697.2	2702.1	2702.1
15°	2504.5	2588.5	2623.1	2628.0	2645.3	2640.4	2640.4	2650.3	2677.4	2684.8	2682.3
17.5°	2450.1	2553.9	2593.4	2600.8	2613.2	2610.7	2613.2	2623.1	2647.7	2652.7	2655.2
20°	2388.5	2507.0	2553.9	2561.3	2573.7	2573.7	2573.7	2586.1	2610.7	2620.6	2620.6
22.5°	2304.4	2457.6	2507.0	2511.9	2526.7	2526.7	2531.7	2548.9	2571.2	2573.7	2573.7
25°	2205.6	2403.2	2445.2	2460.1	2474.9	2482.3	2489.7	2499.6	2507.0	2504.5	2507.0
27.5°	2101.9	2334.1	2388.5	2398.3	2418.1	2425.5	2435.4	2437.8	2440.3	2447.7	2442.8
30°	1985.8	2237.8	2319.3	2329.2	2361.3	2366.2	2356.3	2361.3	2373.6	2378.5	2383.5
32.5°	1854.9	2094.5	2247.7	2269.8	2299.5	2284.7	2282.2	2289.7	2309.4	2309.4	2314.3
35°	1677.0	1983.4	2180.9	2200.7	2222.9	2205.6	2215.5	2218.0	2230.4	2237.8	2235.3
37.5°	1482.0	1887.0	2111.8	2126.6	2143.9	2121.7	2136.5	2143.9	2153.7	2148.9	2148.9
40°	1309.1	1736.4	2030.3	2040.2	2055.0	2037.7	2052.5	2057.5	2062.4	2057.5	2055.0
42.5°	1180.6	1570.9	1943.8	1956.2	1946.3	1958.7	1963.6	1973.4	1966.1	1956.2	1956.2
45°	1081.8	1526.4	1850.0	1864.8	1850.0	1869.8	1877.2	1877.2	1854.9	1850.0	1847.5
47.5°	1049.8	1437.5	1756.1	1756.1	1748.7	1773.4	1785.8	1768.5	1746.2	1738.8	1738.8
50°	1047.2	1338.7	1627.7	1617.8	1652.4	1682.0	1669.7	1652.4	1635.1	1607.9	1607.9
52.5°	951.0	1217.6	1462.2	1499.3	1553.6	1570.9	1551.1	1533.9	1504.2	1491.9	1482.0
55°	881.8	1091.7	1311.6	1385.6	1442.4	1464.7	1427.6	1410.4	1365.9	1358.5	1353.5
57.5°	866.9	908.9	1173.2	1267.1	1336.3	1333.7	1311.6	1279.4	1242.4	1234.9	1232.5
60°	795.3	657.0	1025.0	1136.1	1207.8	1200.3	1180.6	1151.0	1116.4	1111.5	1106.5
62.5°	721.2	476.7	857.0	983.0	1084.3	1081.8	1064.5	1020.0	995.4	983.0	973.1
65°	612.5	400.1	610.1	817.6	963.3	968.2	931.2	899.1	871.9	857.0	854.6
67.5°	466.8	326.0	412.5	681.7	847.2	842.3	795.3	780.5	745.9	738.5	723.6
70°	345.7	217.3	286.5	553.3	733.6	721.2	684.2	666.9	634.8	617.5	607.6
72.5°	286.5	175.4	209.9	429.8	617.5	602.7	570.5	550.8	523.6	508.8	498.9
75°	232.2	185.3	160.6	318.6	501.4	491.6	461.8	442.1	419.9	400.1	402.6
77.5°	170.4	172.9	128.4	234.6	397.6	382.9	365.6	340.9	331.0	311.3	311.3
80°	128.4	135.8	96.4	160.6	286.5	286.5	271.7	254.4	237.1	227.2	227.2
82.5°	86.5	86.5	71.6	101.2	195.2	187.7	177.9	172.9	163.0	158.1	158.1
85°	39.5	49.4	44.5	61.8	106.2	111.1	111.1	106.2	103.8	98.8	101.2
87.5°	12.3	22.2	27.2	34.6	54.3	56.8	59.3	59.3	59.3	61.8	61.8
90°	5.8	10.5	15.1	16.3	25.5	37.9	44.0	39.2	29.3	22.1	22.1
92.5°	23.2	62.6	102.1	111.9	157.3	217.8	248.1	217.4	156.1	110.1	105.7
95°	55.6	127.8	199.8	217.9	386.9	612.2	725.0	646.9	490.8	373.8	360.5
97.5°	96.2	159.8	223.5	239.4	521.2	896.9	1084.8	1035.5	936.9	862.9	837.7
100°	127.5	185.2	242.9	257.3	570.1	987.0	1195.5	1199.1	1206.3	1211.8	1181.7
102.5°	154.1	208.0	261.8	275.3	592.4	1015.4	1226.8	1289.6	1415.3	1509.6	1483.8
105°	199.4	245.0	290.5	301.9	609.1	1018.5	1223.3	1364.2	1645.9	1857.3	1843.4
107.5°	245.7	288.3	330.7	341.4	612.1	973.2	1153.8	1350.3	1743.3	2038.1	2041.5
110°	277.0	315.4	353.7	363.3	607.5	933.0	1095.8	1315.5	1754.9	2084.5	2098.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	307.7	344.3	380.8	390.0	607.7	898.0	1043.1	1268.0	1717.7	2055.0	2077.1
115°	354.1	387.8	421.6	430.0	613.3	857.7	979.9	1196.5	1629.8	1954.7	1985.4
117.5°	399.9	430.5	461.2	468.8	624.8	832.5	936.5	1131.9	1522.9	1816.1	1850.2
120°	426.5	455.3	484.2	491.4	633.9	824.0	919.1	1097.7	1455.0	1722.9	1755.9
122.5°	452.6	481.7	510.8	518.1	647.3	819.6	905.7	1066.6	1388.3	1629.6	1662.2
125°	492.6	519.1	545.6	552.2	665.2	815.9	891.2	1027.9	1301.1	1506.1	1536.2
127.5°	525.0	551.9	578.6	585.3	683.3	813.8	879.1	996.4	1231.0	1407.0	1432.3
130°	542.4	571.2	600.1	607.3	696.4	815.2	874.5	978.9	1187.8	1344.5	1367.9
132.5°	560.4	589.2	618.1	625.3	707.0	815.9	870.4	963.9	1150.9	1291.1	1312.1
135°	587.0	613.3	639.6	646.2	718.6	815.2	863.5	941.8	1098.4	1215.8	1233.9
137.5°	614.3	640.3	666.3	672.8	736.0	820.2	862.3	928.4	1060.9	1160.2	1174.9
140°	636.9	660.8	684.8	690.7	746.5	821.0	858.2	915.5	1029.8	1115.6	1129.4
142.5°	654.3	676.4	698.6	704.1	755.5	824.0	858.2	908.4	1008.9	1084.3	1096.1
145°	680.9	700.3	719.5	724.4	767.1	824.0	852.5	893.6	975.7	1037.3	1046.3
147.5°	707.6	726.4	745.2	749.9	784.1	829.6	852.5	884.8	949.4	997.9	1005.4
150°	725.0	742.0	759.0	763.2	792.9	832.6	852.5	879.7	934.3	975.3	981.3
152.5°	742.9	755.8	768.7	771.9	798.7	834.5	852.5	875.7	922.4	957.3	961.9
155°	769.5	779.1	788.6	791.0	811.5	838.8	852.5	871.0	908.1	935.9	938.9
157.5°	789.3	798.5	807.8	810.1	824.2	843.0	852.5	866.8	895.7	917.3	919.5
160°	802.6	809.8	817.0	818.8	830.0	845.0	852.5	864.8	889.6	908.1	909.3
162.5°	815.9	821.3	826.7	828.1	836.3	847.0	852.5	862.9	883.8	899.4	900.5
165°	830.4	835.3	840.2	841.4	845.1	850.0	852.5	859.9	874.9	886.1	887.3
167.5°	843.8	846.1	848.4	849.0	852.1	856.2	858.2	863.1	872.9	880.3	880.8
170°	852.5	854.8	857.1	857.7	857.9	858.2	858.2	863.1	872.9	880.3	880.3
172.5°	857.1	857.6	858.2	858.2	858.2	858.2	858.2	862.1	869.8	875.6	875.2
175°	863.5	863.5	863.5	863.5	861.7	859.4	858.2	860.7	865.6	869.3	869.3
177.5°	863.5	863.5	863.5	863.5	862.1	860.3	859.4	861.3	865.2	868.1	867.6
180°	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7
2.5°	2677.4	2670.0	2677.4	2672.5	2674.9	2667.6	2645.3	2637.9	2645.3	2652.7	2652.7
5°	2709.5	2704.6	2709.5	2709.5	2707.1	2702.1	2677.4	2672.5	2677.4	2679.9	2674.9
7.5°	2719.4	2712.0	2719.4	2714.5	2714.5	2709.5	2684.8	2679.9	2682.3	2689.8	2682.3
10°	2719.4	2712.0	2719.4	2716.9	2714.5	2709.5	2684.8	2674.9	2674.9	2682.3	2674.9
12.5°	2707.1	2702.1	2707.1	2702.1	2702.1	2697.2	2672.5	2662.6	2665.0	2667.6	2657.6
15°	2687.3	2679.9	2687.3	2682.3	2684.8	2677.4	2650.3	2640.4	2640.4	2645.3	2628.0
17.5°	2657.6	2647.7	2657.6	2655.2	2652.7	2647.7	2623.1	2613.2	2610.7	2613.2	2600.8
20°	2623.1	2615.7	2623.1	2620.6	2620.6	2610.7	2586.1	2573.7	2573.7	2573.7	2561.3
22.5°	2568.8	2561.3	2568.8	2573.7	2573.7	2571.2	2548.9	2531.7	2526.7	2526.7	2511.9
25°	2507.0	2499.6	2507.0	2507.0	2504.5	2507.0	2499.6	2489.7	2482.3	2474.9	2460.1
27.5°	2447.7	2442.8	2447.7	2442.8	2447.7	2440.3	2437.8	2435.4	2425.5	2418.1	2398.3
30°	2388.5	2383.5	2388.5	2383.5	2378.5	2373.6	2361.3	2356.3	2366.2	2361.3	2329.2
32.5°	2314.3	2309.4	2314.3	2314.3	2309.4	2309.4	2289.7	2282.2	2284.7	2299.5	2269.8
35°	2237.8	2230.4	2237.8	2235.3	2237.8	2230.4	2218.0	2215.5	2205.6	2222.9	2200.7
37.5°	2148.9	2141.4	2148.9	2148.9	2148.9	2153.7	2143.9	2136.5	2121.7	2143.9	2126.6
40°	2057.5	2047.6	2057.5	2055.0	2057.5	2062.4	2057.5	2052.5	2037.7	2055.0	2040.2
42.5°	1953.7	1951.3	1953.7	1956.2	1956.2	1966.1	1973.4	1963.6	1958.7	1946.3	1956.2
45°	1842.6	1837.6	1842.6	1847.5	1850.0	1854.9	1877.2	1877.2	1869.8	1850.0	1864.8
47.5°	1724.0	1711.6	1724.0	1738.8	1738.8	1746.2	1768.5	1785.8	1773.4	1748.7	1756.1
50°	1598.1	1600.5	1598.1	1607.9	1607.9	1635.1	1652.4	1669.7	1682.0	1652.4	1617.8
52.5°	1474.6	1472.1	1474.6	1482.0	1491.9	1504.2	1533.9	1551.1	1570.9	1553.6	1499.3
55°	1351.0	1356.0	1351.0	1353.5	1358.5	1365.9	1410.4	1427.6	1464.7	1442.4	1385.6
57.5°	1227.5	1220.2	1227.5	1232.5	1234.9	1242.4	1279.4	1311.6	1333.7	1336.3	1267.1
60°	1084.3	1074.4	1084.3	1106.5	1111.5	1116.4	1151.0	1180.6	1200.3	1207.8	1136.1
62.5°	958.4	941.1	958.4	973.1	983.0	995.4	1020.0	1064.5	1081.8	1084.3	983.0
65°	825.0	817.6	825.0	854.6	857.0	871.9	899.1	931.2	968.2	963.3	817.6
67.5°	703.9	703.9	703.9	723.6	738.5	745.9	780.5	795.3	842.3	847.2	681.7
70°	592.8	590.4	592.8	607.6	617.5	634.8	666.9	684.2	721.2	733.6	553.3
72.5°	486.6	484.1	486.6	498.9	508.8	523.6	550.8	570.5	602.7	617.5	429.8
75°	392.8	387.8	392.8	402.6	400.1	419.9	442.1	461.8	491.6	501.4	318.6
77.5°	301.3	301.3	301.3	311.3	311.3	331.0	340.9	365.6	382.9	397.6	234.6
80°	224.8	222.3	224.8	227.2	227.2	237.1	254.4	271.7	286.5	286.5	160.6
82.5°	158.1	153.1	158.1	158.1	158.1	163.0	172.9	177.9	187.7	195.2	101.2
85°	98.8	98.8	98.8	101.2	98.8	103.8	106.2	111.1	111.1	106.2	61.8
87.5°	64.2	61.8	64.2	61.8	61.8	59.3	59.3	59.3	56.8	54.3	34.6
90°	22.1	22.1	22.1	22.1	22.1	29.3	39.2	44.0	37.9	25.5	16.3
92.5°	88.2	70.7	88.2	105.7	110.1	156.1	217.4	248.1	217.8	157.3	111.9
95°	307.5	254.4	307.5	360.5	373.8	490.8	646.9	725.0	612.2	386.9	217.9
97.5°	736.6	635.7	736.6	837.7	862.9	936.9	1035.5	1084.8	896.9	521.2	239.4
100°	1061.5	941.2	1061.5	1181.7	1211.8	1206.3	1199.1	1195.5	987.0	570.1	257.3
102.5°	1380.8	1277.8	1380.8	1483.8	1509.6	1415.3	1289.6	1226.8	1015.4	592.4	275.3
105°	1788.0	1732.7	1788.0	1843.4	1857.3	1645.9	1364.2	1223.3	1018.5	609.1	301.9
107.5°	2054.9	2068.2	2054.9	2041.5	2038.1	1743.3	1350.3	1153.8	973.2	612.1	341.4
110°	2156.6	2214.3	2156.6	2098.9	2084.5	1754.9	1315.5	1095.8	933.0	607.5	363.3



TEST NUMBER: P934847

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2165.6	2254.2	2165.6	2077.1	2055.0	1717.7	1268.0	1043.1	898.0	607.7	390.0
115°	2108.2	2231.0	2108.2	1985.4	1954.7	1629.8	1196.5	979.9	857.7	613.3	430.0
117.5°	1986.4	2122.7	1986.4	1850.2	1816.1	1522.9	1131.9	936.5	832.5	624.8	468.8
120°	1888.4	2020.7	1888.4	1755.9	1722.9	1455.0	1097.7	919.1	824.0	633.9	491.4
122.5°	1792.8	1923.3	1792.8	1662.2	1629.6	1388.3	1066.6	905.7	819.6	647.3	518.1
125°	1656.5	1776.8	1656.5	1536.2	1506.1	1301.1	1027.9	891.2	815.9	665.2	552.2
127.5°	1533.9	1635.4	1533.9	1432.3	1407.0	1231.0	996.4	879.1	813.8	683.3	585.3
130°	1461.6	1555.4	1461.6	1367.9	1344.5	1187.8	978.9	874.5	815.2	696.4	607.3
132.5°	1396.1	1480.0	1396.1	1312.1	1291.1	1150.9	963.9	870.4	815.9	707.0	625.3
135°	1306.3	1378.6	1306.3	1233.9	1215.8	1098.4	941.8	863.5	815.2	718.6	646.2
137.5°	1234.2	1293.4	1234.2	1174.9	1160.2	1060.9	928.4	862.3	820.2	736.0	672.8
140°	1184.8	1240.2	1184.8	1129.4	1115.6	1029.8	915.5	858.2	821.0	746.5	690.7
142.5°	1143.8	1191.5	1143.8	1096.1	1084.3	1008.9	908.4	858.2	824.0	755.5	704.1
145°	1082.4	1118.5	1082.4	1046.3	1037.3	975.7	893.6	852.5	824.0	767.1	724.4
147.5°	1035.2	1065.1	1035.2	1005.4	997.9	949.4	884.8	852.5	829.6	784.1	749.9
150°	1005.6	1029.8	1005.6	981.3	975.3	934.3	879.7	852.5	832.6	792.9	763.2
152.5°	980.1	998.5	980.1	961.9	957.3	922.4	875.7	852.5	834.5	798.7	771.9
155°	951.1	963.1	951.1	938.9	935.9	908.1	871.0	852.5	838.8	811.5	791.0
157.5°	928.0	936.5	928.0	919.5	917.3	895.7	866.8	852.5	843.0	824.2	810.1
160°	914.2	919.1	914.2	909.3	908.1	889.6	864.8	852.5	845.0	830.0	818.8
162.5°	905.2	909.8	905.2	900.5	899.4	883.8	862.9	852.5	847.0	836.3	828.1
165°	892.2	897.0	892.2	887.3	886.1	874.9	859.9	852.5	850.0	845.1	841.4
167.5°	882.8	884.9	882.8	880.8	880.3	872.9	863.1	858.2	856.2	852.1	849.0
170°	880.3	880.3	880.3	880.3	880.3	872.9	863.1	858.2	858.2	857.9	857.7
172.5°	873.4	871.6	873.4	875.2	875.6	869.8	862.1	858.2	858.2	858.2	858.2
175°	869.3	869.3	869.3	869.3	869.3	865.6	860.7	858.2	859.4	861.7	863.5
177.5°	865.5	863.5	865.5	867.6	868.1	865.2	861.3	859.4	860.3	862.1	863.5
180°	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5



TEST NUMBER: P934847

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CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7
2.5°	2647.7	2633.0	2633.0	2608.3	2598.4	2591.0	2578.6	2541.6	2531.7	2521.8	2536.6
5°	2670.0	2642.8	2623.1	2578.6	2541.6	2526.7	2479.8	2390.9	2331.6	2287.1	2262.5
7.5°	2674.9	2640.4	2603.3	2534.2	2445.2	2405.7	2262.5	2099.4	2055.0	2015.5	1990.7
10°	2670.0	2630.4	2578.6	2474.9	2264.9	2195.8	2052.5	1946.3	1919.1	1911.8	1919.1
12.5°	2652.7	2615.7	2544.0	2371.2	2077.2	2030.3	1946.3	1884.6	1879.6	1891.9	1958.7
15°	2623.1	2588.5	2504.5	2232.8	1973.4	1938.9	1879.6	1857.4	1884.6	1971.0	2171.0
17.5°	2593.4	2553.9	2450.1	2097.0	1894.5	1869.8	1827.7	1872.2	2025.3	2141.4	2208.1
20°	2553.9	2507.0	2388.5	1998.2	1837.6	1815.4	1795.7	1995.7	2111.8	2153.7	2190.9
22.5°	2507.0	2457.6	2304.4	1929.0	1778.4	1761.1	1773.4	2064.9	2111.8	2141.4	2173.6
25°	2445.2	2403.2	2205.6	1874.6	1731.4	1711.6	1758.6	2057.5	2084.6	2092.1	2156.3
27.5°	2388.5	2334.1	2101.9	1825.3	1674.6	1667.2	1771.0	2025.3	2045.1	2052.5	2121.7
30°	2319.3	2237.8	1985.8	1773.4	1615.4	1612.8	1773.4	1985.8	1980.9	2000.6	2069.8
32.5°	2247.7	2094.5	1854.9	1709.2	1558.5	1556.1	1756.1	1926.5	1921.6	1948.8	2000.6
35°	2180.9	1983.4	1677.0	1635.1	1486.9	1489.4	1714.2	1857.4	1859.9	1884.6	1916.7
37.5°	2111.8	1887.0	1482.0	1553.6	1417.8	1417.8	1657.3	1793.1	1788.3	1795.7	1840.1
40°	2030.3	1736.4	1309.1	1447.4	1353.5	1346.1	1588.2	1724.0	1706.7	1704.2	1766.0
42.5°	1943.8	1570.9	1180.6	1306.6	1279.4	1269.5	1504.2	1640.0	1607.9	1615.4	1694.3
45°	1850.0	1526.4	1081.8	1104.1	1202.9	1195.5	1412.8	1543.7	1521.5	1541.2	1622.7
47.5°	1756.1	1437.5	1049.8	916.4	1121.4	1118.8	1311.6	1449.8	1437.5	1457.3	1543.7
50°	1627.7	1338.7	1047.2	785.4	1030.0	1039.9	1190.5	1358.5	1358.5	1375.8	1467.1
52.5°	1462.2	1217.6	951.0	711.3	923.8	953.4	1084.3	1279.4	1284.4	1301.7	1383.2
55°	1311.6	1091.7	881.8	654.6	797.8	862.0	980.6	1197.9	1207.8	1225.1	1299.1
57.5°	1173.2	908.9	866.9	587.8	681.7	743.5	889.2	1118.8	1123.8	1138.7	1210.3
60°	1025.0	657.0	795.3	516.2	580.5	627.4	805.2	1025.0	1042.3	1052.2	1114.0
62.5°	857.0	476.7	721.2	466.8	531.0	540.9	736.1	936.1	958.4	965.7	1002.8
65°	610.1	400.1	612.5	424.8	479.1	481.7	662.0	844.7	864.5	876.8	904.0
67.5°	412.5	326.0	466.8	385.3	439.7	442.1	590.4	738.5	765.7	775.5	792.8
70°	286.5	217.3	345.7	343.3	395.2	400.1	513.7	642.1	666.9	674.3	684.2
72.5°	209.9	175.4	286.5	308.7	348.3	353.2	434.7	533.5	558.2	565.6	570.5
75°	160.6	185.3	232.2	269.2	296.4	298.8	355.7	434.7	452.0	457.0	459.4
77.5°	128.4	172.9	170.4	217.3	242.1	237.1	279.1	335.9	350.7	350.7	350.7
80°	96.4	135.8	128.4	155.6	177.9	172.9	200.0	239.6	244.5	249.5	246.9
82.5°	71.6	86.5	86.5	98.8	118.5	113.7	133.4	155.6	155.6	155.6	160.6
85°	44.5	49.4	39.5	51.9	66.6	64.2	74.1	83.9	86.5	86.5	81.5
87.5°	27.2	22.2	12.3	19.7	29.6	29.6	34.6	37.0	34.6	34.6	34.6
90°	15.1	10.5	5.8	10.5	15.1	16.3	25.5	37.9	44.0	39.2	29.3
92.5°	102.1	62.6	23.2	62.6	102.1	111.9	157.3	217.8	248.1	217.4	156.1
95°	199.8	127.8	55.6	127.8	199.8	217.9	386.9	612.2	725.0	646.9	490.8
97.5°	223.5	159.8	96.2	159.8	223.5	239.4	521.2	896.9	1084.8	1035.5	936.9
100°	242.9	185.2	127.5	185.2	242.9	257.3	570.1	987.0	1195.5	1199.1	1206.3
102.5°	261.8	208.0	154.1	208.0	261.8	275.3	592.4	1015.4	1226.8	1289.6	1415.3
105°	290.5	245.0	199.4	245.0	290.5	301.9	609.1	1018.5	1223.3	1364.2	1645.9
107.5°	330.7	288.3	245.7	288.3	330.7	341.4	612.1	973.2	1153.8	1350.3	1743.3
110°	353.7	315.4	277.0	315.4	353.7	363.3	607.5	933.0	1095.8	1315.5	1754.9



TEST NUMBER: P934847

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	380.8	344.3	307.7	344.3	380.8	390.0	607.7	898.0	1043.1	1268.0	1717.7
115°	421.6	387.8	354.1	387.8	421.6	430.0	613.3	857.7	979.9	1196.5	1629.8
117.5°	461.2	430.5	399.9	430.5	461.2	468.8	624.8	832.5	936.5	1131.9	1522.9
120°	484.2	455.3	426.5	455.3	484.2	491.4	633.9	824.0	919.1	1097.7	1455.0
122.5°	510.8	481.7	452.6	481.7	510.8	518.1	647.3	819.6	905.7	1066.6	1388.3
125°	545.6	519.1	492.6	519.1	545.6	552.2	665.2	815.9	891.2	1027.9	1301.1
127.5°	578.6	551.9	525.0	551.9	578.6	585.3	683.3	813.8	879.1	996.4	1231.0
130°	600.1	571.2	542.4	571.2	600.1	607.3	696.4	815.2	874.5	978.9	1187.8
132.5°	618.1	589.2	560.4	589.2	618.1	625.3	707.0	815.9	870.4	963.9	1150.9
135°	639.6	613.3	587.0	613.3	639.6	646.2	718.6	815.2	863.5	941.8	1098.4
137.5°	666.3	640.3	614.3	640.3	666.3	672.8	736.0	820.2	862.3	928.4	1060.9
140°	684.8	660.8	636.9	660.8	684.8	690.7	746.5	821.0	858.2	915.5	1029.8
142.5°	698.6	676.4	654.3	676.4	698.6	704.1	755.5	824.0	858.2	908.4	1008.9
145°	719.5	700.3	680.9	700.3	719.5	724.4	767.1	824.0	852.5	893.6	975.7
147.5°	745.2	726.4	707.6	726.4	745.2	749.9	784.1	829.6	852.5	884.8	949.4
150°	759.0	742.0	725.0	742.0	759.0	763.2	792.9	832.6	852.5	879.7	934.3
152.5°	768.7	755.8	742.9	755.8	768.7	771.9	798.7	834.5	852.5	875.7	922.4
155°	788.6	779.1	769.5	779.1	788.6	791.0	811.5	838.8	852.5	871.0	908.1
157.5°	807.8	798.5	789.3	798.5	807.8	810.1	824.2	843.0	852.5	866.8	895.7
160°	817.0	809.8	802.6	809.8	817.0	818.8	830.0	845.0	852.5	864.8	889.6
162.5°	826.7	821.3	815.9	821.3	826.7	828.1	836.3	847.0	852.5	862.9	883.8
165°	840.2	835.3	830.4	835.3	840.2	841.4	845.1	850.0	852.5	859.9	874.9
167.5°	848.4	846.1	843.8	846.1	848.4	849.0	852.1	856.2	858.2	863.1	872.9
170°	857.1	854.8	852.5	854.8	857.1	857.7	857.9	858.2	858.2	863.1	872.9
172.5°	858.2	857.6	857.1	857.6	858.2	858.2	858.2	858.2	858.2	862.1	869.8
175°	863.5	863.5	863.5	863.5	863.5	863.5	861.7	859.4	858.2	860.7	865.6
177.5°	863.5	863.5	863.5	863.5	863.5	863.5	862.1	860.3	859.4	861.3	865.2
180°	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5



TEST NUMBER: P934847

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7	2610.7
2.5°	2519.3	2511.9	2521.8	2494.6	2521.8	2511.9	2519.3	2536.6	2521.8	2531.7	2541.6
5°	2210.6	2198.2	2158.7	2126.6	2158.7	2198.2	2210.6	2262.5	2287.1	2331.6	2390.9
7.5°	1976.0	1966.1	1956.2	1936.4	1956.2	1966.1	1976.0	1990.7	2015.5	2055.0	2099.4
10°	1924.1	1926.5	1941.4	1938.9	1941.4	1926.5	1924.1	1919.1	1911.8	1919.1	1946.3
12.5°	2057.5	2079.7	2161.2	2156.3	2161.2	2079.7	2057.5	1958.7	1891.9	1879.6	1884.6
15°	2210.6	2218.0	2235.3	2237.8	2235.3	2218.0	2210.6	2171.0	1971.0	1884.6	1857.4
17.5°	2225.4	2227.9	2240.2	2240.2	2240.2	2227.9	2225.4	2208.1	2141.4	2025.3	1872.2
20°	2213.1	2218.0	2242.7	2247.7	2242.7	2218.0	2213.1	2190.9	2153.7	2111.8	1995.7
22.5°	2208.1	2218.0	2237.8	2235.3	2237.8	2218.0	2208.1	2173.6	2141.4	2111.8	2064.9
25°	2183.4	2183.4	2185.9	2188.3	2185.9	2183.4	2183.4	2156.3	2092.1	2084.6	2057.5
27.5°	2131.6	2136.5	2151.3	2148.9	2151.3	2136.5	2131.6	2121.7	2052.5	2045.1	2025.3
30°	2084.6	2079.7	2067.3	2057.5	2067.3	2079.7	2084.6	2069.8	2000.6	1980.9	1985.8
32.5°	2005.6	1993.3	1980.9	1973.4	1980.9	1993.3	2005.6	2000.6	1948.8	1921.6	1926.5
35°	1911.8	1914.2	1911.8	1904.3	1911.8	1914.2	1911.8	1916.7	1884.6	1859.9	1857.4
37.5°	1845.0	1850.0	1847.5	1837.6	1847.5	1850.0	1845.0	1840.1	1795.7	1788.3	1793.1
40°	1775.8	1778.4	1775.8	1768.5	1775.8	1778.4	1775.8	1766.0	1704.2	1706.7	1724.0
42.5°	1709.2	1706.7	1699.3	1694.3	1699.3	1706.7	1709.2	1694.3	1615.4	1607.9	1640.0
45°	1632.7	1635.1	1620.3	1612.8	1620.3	1635.1	1632.7	1622.7	1541.2	1521.5	1543.7
47.5°	1556.1	1556.1	1543.7	1536.3	1543.7	1556.1	1556.1	1543.7	1457.3	1437.5	1449.8
50°	1474.6	1472.1	1454.8	1452.3	1454.8	1472.1	1474.6	1467.1	1375.8	1358.5	1358.5
52.5°	1380.7	1380.7	1383.2	1388.1	1383.2	1380.7	1380.7	1383.2	1301.7	1284.4	1279.4
55°	1299.1	1301.7	1319.0	1323.9	1319.0	1301.7	1299.1	1299.1	1225.1	1207.8	1197.9
57.5°	1215.2	1215.2	1227.5	1227.5	1227.5	1215.2	1215.2	1210.3	1138.7	1123.8	1118.8
60°	1118.8	1123.8	1133.7	1131.3	1133.7	1123.8	1118.8	1114.0	1052.2	1042.3	1025.0
62.5°	1017.6	1022.6	1025.0	1020.0	1025.0	1022.6	1017.6	1002.8	965.7	958.4	936.1
65°	911.4	916.4	918.8	913.9	918.8	916.4	911.4	904.0	876.8	864.5	844.7
67.5°	802.7	800.3	797.8	807.7	797.8	800.3	802.7	792.8	775.5	765.7	738.5
70°	691.6	691.6	689.1	694.0	689.1	691.6	691.6	684.2	674.3	666.9	642.1
72.5°	573.1	570.5	580.5	573.1	580.5	570.5	573.1	570.5	565.6	558.2	533.5
75°	457.0	461.8	457.0	464.4	457.0	461.8	457.0	459.4	457.0	452.0	434.7
77.5°	348.3	353.2	348.3	348.3	348.3	353.2	348.3	350.7	350.7	350.7	335.9
80°	246.9	244.5	244.5	242.1	244.5	244.5	246.9	246.9	249.5	244.5	239.6
82.5°	158.1	155.6	155.6	160.6	155.6	155.6	158.1	160.6	155.6	155.6	155.6
85°	86.5	88.9	83.9	83.9	83.9	88.9	86.5	81.5	86.5	86.5	83.9
87.5°	32.2	29.6	29.6	29.6	29.6	29.6	32.2	34.6	34.6	34.6	37.0
90°	22.1	22.1	22.1	22.1	22.1	22.1	22.1	29.3	39.2	44.0	37.9
92.5°	110.1	105.7	88.2	70.7	88.2	105.7	110.1	156.1	217.4	248.1	217.8
95°	373.8	360.5	307.5	254.4	307.5	360.5	373.8	490.8	646.9	725.0	612.2
97.5°	862.9	837.7	736.6	635.7	736.6	837.7	862.9	936.9	1035.5	1084.8	896.9
100°	1211.8	1181.7	1061.5	941.2	1061.5	1181.7	1211.8	1206.3	1199.1	1195.5	987.0
102.5°	1509.6	1483.8	1380.8	1277.8	1380.8	1483.8	1509.6	1415.3	1289.6	1226.8	1015.4
105°	1857.3	1843.4	1788.0	1732.7	1788.0	1843.4	1857.3	1645.9	1364.2	1223.3	1018.5
107.5°	2038.1	2041.5	2054.9	2068.2	2054.9	2041.5	2038.1	1743.3	1350.3	1153.8	973.2
110°	2084.5	2098.9	2156.6	2214.3	2156.6	2098.9	2084.5	1754.9	1315.5	1095.8	933.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2055.0	2077.1	2165.6	2254.2	2165.6	2077.1	2055.0	1717.7	1268.0	1043.1	898.0
115°	1954.7	1985.4	2108.2	2231.0	2108.2	1985.4	1954.7	1629.8	1196.5	979.9	857.7
117.5°	1816.1	1850.2	1986.4	2122.7	1986.4	1850.2	1816.1	1522.9	1131.9	936.5	832.5
120°	1722.9	1755.9	1888.4	2020.7	1888.4	1755.9	1722.9	1455.0	1097.7	919.1	824.0
122.5°	1629.6	1662.2	1792.8	1923.3	1792.8	1662.2	1629.6	1388.3	1066.6	905.7	819.6
125°	1506.1	1536.2	1656.5	1776.8	1656.5	1536.2	1506.1	1301.1	1027.9	891.2	815.9
127.5°	1407.0	1432.3	1533.9	1635.4	1533.9	1432.3	1407.0	1231.0	996.4	879.1	813.8
130°	1344.5	1367.9	1461.6	1555.4	1461.6	1367.9	1344.5	1187.8	978.9	874.5	815.2
132.5°	1291.1	1312.1	1396.1	1480.0	1396.1	1312.1	1291.1	1150.9	963.9	870.4	815.9
135°	1215.8	1233.9	1306.3	1378.6	1306.3	1233.9	1215.8	1098.4	941.8	863.5	815.2
137.5°	1160.2	1174.9	1234.2	1293.4	1234.2	1174.9	1160.2	1060.9	928.4	862.3	820.2
140°	1115.6	1129.4	1184.8	1240.2	1184.8	1129.4	1115.6	1029.8	915.5	858.2	821.0
142.5°	1084.3	1096.1	1143.8	1191.5	1143.8	1096.1	1084.3	1008.9	908.4	858.2	824.0
145°	1037.3	1046.3	1082.4	1118.5	1082.4	1046.3	1037.3	975.7	893.6	852.5	824.0
147.5°	997.9	1005.4	1035.2	1065.1	1035.2	1005.4	997.9	949.4	884.8	852.5	829.6
150°	975.3	981.3	1005.6	1029.8	1005.6	981.3	975.3	934.3	879.7	852.5	832.6
152.5°	957.3	961.9	980.1	998.5	980.1	961.9	957.3	922.4	875.7	852.5	834.5
155°	935.9	938.9	951.1	963.1	951.1	938.9	935.9	908.1	871.0	852.5	838.8
157.5°	917.3	919.5	928.0	936.5	928.0	919.5	917.3	895.7	866.8	852.5	843.0
160°	908.1	909.3	914.2	919.1	914.2	909.3	908.1	889.6	864.8	852.5	845.0
162.5°	899.4	900.5	905.2	909.8	905.2	900.5	899.4	883.8	862.9	852.5	847.0
165°	886.1	887.3	892.2	897.0	892.2	887.3	886.1	874.9	859.9	852.5	850.0
167.5°	880.3	880.8	882.8	884.9	882.8	880.8	880.3	872.9	863.1	858.2	856.2
170°	880.3	880.3	880.3	880.3	880.3	880.3	880.3	872.9	863.1	858.2	858.2
172.5°	875.6	875.2	873.4	871.6	873.4	875.2	875.6	869.8	862.1	858.2	858.2
175°	869.3	869.3	869.3	869.3	869.3	869.3	869.3	865.6	860.7	858.2	859.4
177.5°	868.1	867.6	865.5	863.5	865.5	867.6	868.1	865.2	861.3	859.4	860.3
180°	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2610.7	2610.7	2610.7	2610.7	2610.7
2.5°	2578.6	2591.0	2598.4	2608.3	2633.0
5°	2479.8	2526.7	2541.6	2578.6	2623.1
7.5°	2262.5	2405.7	2445.2	2534.2	2603.3
10°	2052.5	2195.8	2264.9	2474.9	2578.6
12.5°	1946.3	2030.3	2077.2	2371.2	2544.0
15°	1879.6	1938.9	1973.4	2232.8	2504.5
17.5°	1827.7	1869.8	1894.5	2097.0	2450.1
20°	1795.7	1815.4	1837.6	1998.2	2388.5
22.5°	1773.4	1761.1	1778.4	1929.0	2304.4
25°	1758.6	1711.6	1731.4	1874.6	2205.6
27.5°	1771.0	1667.2	1674.6	1825.3	2101.9
30°	1773.4	1612.8	1615.4	1773.4	1985.8
32.5°	1756.1	1556.1	1558.5	1709.2	1854.9
35°	1714.2	1489.4	1486.9	1635.1	1677.0
37.5°	1657.3	1417.8	1417.8	1553.6	1482.0
40°	1588.2	1346.1	1353.5	1447.4	1309.1
42.5°	1504.2	1269.5	1279.4	1306.6	1180.6
45°	1412.8	1195.5	1202.9	1104.1	1081.8
47.5°	1311.6	1118.8	1121.4	916.4	1049.8
50°	1190.5	1039.9	1030.0	785.4	1047.2
52.5°	1084.3	953.4	923.8	711.3	951.0
55°	980.6	862.0	797.8	654.6	881.8
57.5°	889.2	743.5	681.7	587.8	866.9
60°	805.2	627.4	580.5	516.2	795.3
62.5°	736.1	540.9	531.0	466.8	721.2
65°	662.0	481.7	479.1	424.8	612.5
67.5°	590.4	442.1	439.7	385.3	466.8
70°	513.7	400.1	395.2	343.3	345.7
72.5°	434.7	353.2	348.3	308.7	286.5
75°	355.7	298.8	296.4	269.2	232.2
77.5°	279.1	237.1	242.1	217.3	170.4
80°	200.0	172.9	177.9	155.6	128.4
82.5°	133.4	113.7	118.5	98.8	86.5
85°	74.1	64.2	66.6	51.9	39.5
87.5°	34.6	29.6	29.6	19.7	12.3
90°	25.5	16.3	15.1	10.5	5.8
92.5°	157.3	111.9	102.1	62.6	23.2
95°	386.9	217.9	199.8	127.8	55.6
97.5°	521.2	239.4	223.5	159.8	96.2
100°	570.1	257.3	242.9	185.2	127.5
102.5°	592.4	275.3	261.8	208.0	154.1
105°	609.1	301.9	290.5	245.0	199.4
107.5°	612.1	341.4	330.7	288.3	245.7
110°	607.5	363.3	353.7	315.4	277.0



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	607.7	390.0	380.8	344.3	307.7
115°	613.3	430.0	421.6	387.8	354.1
117.5°	624.8	468.8	461.2	430.5	399.9
120°	633.9	491.4	484.2	455.3	426.5
122.5°	647.3	518.1	510.8	481.7	452.6
125°	665.2	552.2	545.6	519.1	492.6
127.5°	683.3	585.3	578.6	551.9	525.0
130°	696.4	607.3	600.1	571.2	542.4
132.5°	707.0	625.3	618.1	589.2	560.4
135°	718.6	646.2	639.6	613.3	587.0
137.5°	736.0	672.8	666.3	640.3	614.3
140°	746.5	690.7	684.8	660.8	636.9
142.5°	755.5	704.1	698.6	676.4	654.3
145°	767.1	724.4	719.5	700.3	680.9
147.5°	784.1	749.9	745.2	726.4	707.6
150°	792.9	763.2	759.0	742.0	725.0
152.5°	798.7	771.9	768.7	755.8	742.9
155°	811.5	791.0	788.6	779.1	769.5
157.5°	824.2	810.1	807.8	798.5	789.3
160°	830.0	818.8	817.0	809.8	802.6
162.5°	836.3	828.1	826.7	821.3	815.9
165°	845.1	841.4	840.2	835.3	830.4
167.5°	852.1	849.0	848.4	846.1	843.8
170°	857.9	857.7	857.1	854.8	852.5
172.5°	858.2	858.2	858.2	857.6	857.1
175°	861.7	863.5	863.5	863.5	863.5
177.5°	862.1	863.5	863.5	863.5	863.5
180°	863.5	863.5	863.5	863.5	863.5



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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	13.90	14.81	14.82	15.74	16.94	16.74	17.64	17.65	18.58	19.78
	3H	14.38	15.19	15.31	16.14	17.36	18.09	18.90	19.02	19.85	21.07
	4H	14.57	15.34	15.52	16.29	17.53	18.54	19.31	19.48	20.25	21.49
	6H	14.70	15.40	15.65	16.36	17.61	18.83	19.53	19.78	20.49	21.74
	8H	14.70	15.37	15.66	16.34	17.59	18.90	19.58	19.86	20.55	21.79
	12H	14.67	15.31	15.64	16.28	17.55	18.95	19.59	19.91	20.55	21.82
4H	2H	14.94	15.71	15.89	16.66	17.89	17.15	17.92	18.10	18.87	20.10
	3H	15.97	16.61	16.93	17.59	18.84	18.67	19.31	19.62	20.28	21.53
	4H	16.25	16.83	17.22	17.81	19.08	19.20	19.78	20.16	20.75	22.03
	6H	16.38	16.88	17.36	17.88	19.15	19.57	20.07	20.55	21.07	22.34
	8H	16.38	16.85	17.37	17.84	19.13	19.68	20.15	20.66	21.14	22.42
	12H	16.35	16.78	17.35	17.78	19.08	19.74	20.16	20.74	21.17	22.46
8H	4H	16.71	17.18	17.69	18.17	19.46	19.33	19.79	20.31	20.78	22.07
	6H	16.97	17.36	17.98	18.39	19.68	19.77	20.15	20.77	21.19	22.47
	8H	17.02	17.36	18.03	18.38	19.68	19.92	20.26	20.93	21.28	22.58
	12H	17.00	17.30	18.02	18.32	19.66	20.02	20.32	21.04	21.34	22.68
12H	4H	16.72	17.14	17.72	18.15	19.44	19.29	19.72	20.29	20.72	22.01
	6H	17.03	17.38	18.05	18.40	19.70	19.76	20.11	20.78	21.12	22.43
	8H	17.10	17.40	18.12	18.42	19.77	19.93	20.23	20.95	21.24	22.59