

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: P935737

Luminaire Tested: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P935737
REPORT IS A COMBINATION OF REPORTS P933767 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-6-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

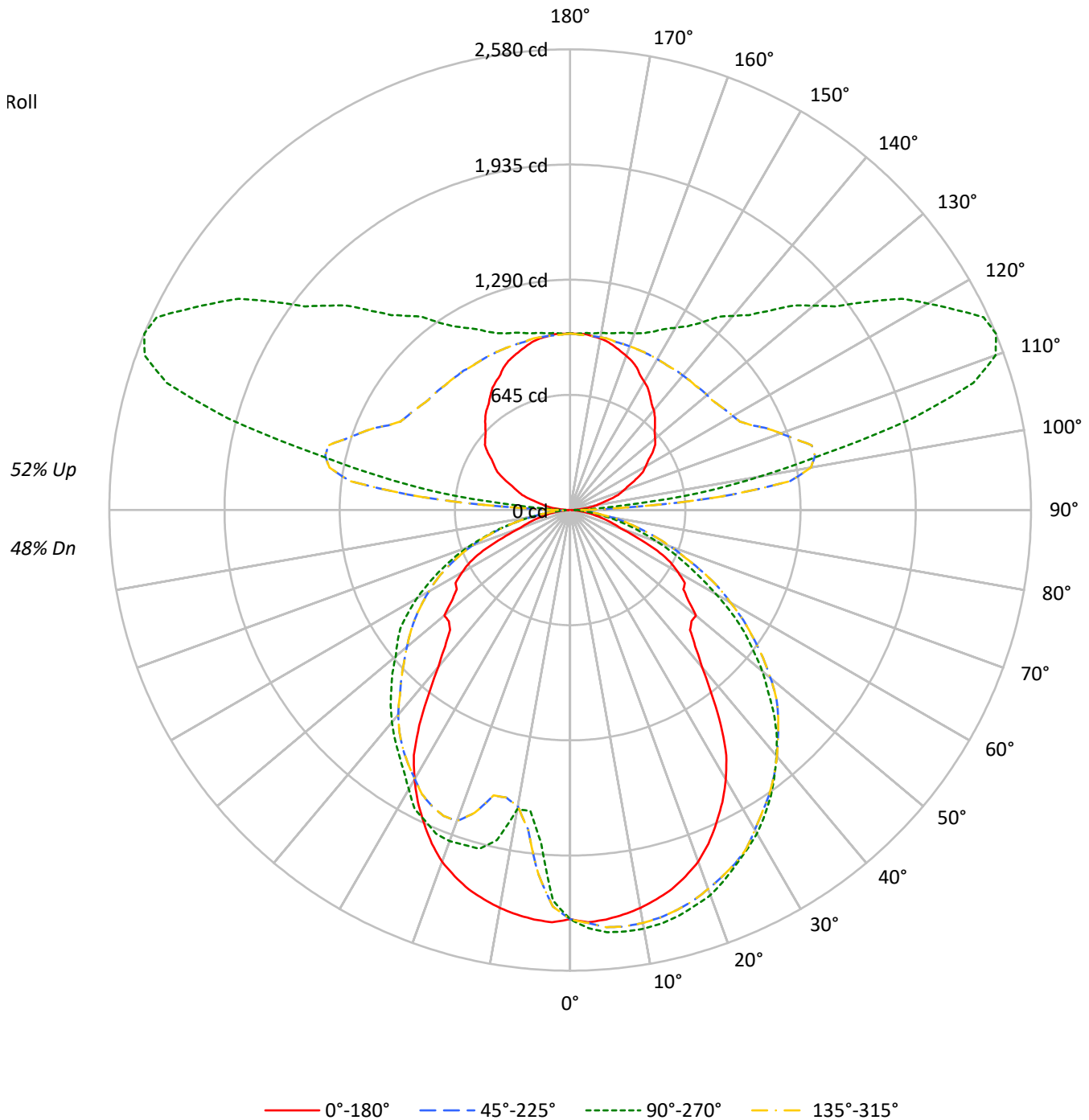
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12352.4 lumens
Efficiency: N/A
Efficacy: 109.5 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 112.8
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	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°	14176	14176	14176	14176
5°	14276	14309	14276	11251
10°	14175	14096	14175	10077
15°	14016	13790	14016	11515
20°	13718	13428	13718	11539
25°	13112	12900	13112	11295
30°	12331	12462	12331	10758
35°	10988	11908	10988	10167
40°	9151	11256	9151	9722
45°	8171	10492	8171	9209
50°	8674	9582	8674	8695
55°	8153	8600	8153	8397
60°	8395	7304	8395	7691
65°	7599	6039	7599	6750
70°	5249	4812	5249	5658
75°	4586	3558	4586	4260
80°	3668	2352	3668	2560
85°	2069	1245	2069	1059

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12531 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	206.8	1.7
10°-20°	587.3	4.8
20°-30°	907.8	7.3
30°-40°	1083.8	8.8
40°-50°	1090.1	8.8
50°-60°	948.5	7.7
60°-70°	672.5	5.4
70°-80°	355.8	2.9
80°-90°	92.4	0.7
90°-100°	481.8	3.9
100°-110°	1266.6	10.3
110°-120°	1313.4	10.6
120°-130°	1053.5	8.5
130°-140°	826.6	6.7
140°-150°	634.5	5.1
150°-160°	456.9	3.7
160°-170°	279.6	2.3
170°-180°	94.5	0.8
0°-30°	1702.0	13.8
0°-40°	2785.7	22.6
0°-60°	4824.4	39.1
0°-90°	5945.1	48.1
90°-120°	3061.8	24.8
90°-150°	5576.3	45.1
90°-180°	6407.0	51.9
0°-180°	12352.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2292	2292	2292	2292	2292	
5°	2302	2374	2302	1866	2302	218
15°	2198	2352	2198	1964	2198	619
25°	1936	2194	1936	1921	1936	889
35°	1472	1958	1472	1671	1472	911
45°	950	1613	950	1416	950	761
55°	774	1190	774	1162	774	711
65°	538	718	538	802	538	514
75°	204	340	204	408	204	214
85°	35	87	35	74	35	47
90°	7	25	7	25	7	7
95°	64	291	64	291	64	71
105°	228	1983	228	1983	228	242
115°	405	2554	405	2554	405	400
125°	564	2034	564	2034	564	501
135°	672	1578	672	1578	672	520
145°	779	1280	779	1280	779	488
155°	881	1102	881	1102	881	405
165°	951	1027	951	1027	951	268
175°	988	995	988	995	988	94
180°	988	988	988	988	988	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5
2.5°	2310.9	2310.9	2324.0	2328.3	2328.3	2321.8	2315.3	2321.8	2341.3	2347.8	2345.6
5°	2302.3	2319.6	2343.5	2347.8	2352.2	2350.0	2345.6	2350.0	2371.7	2376.0	2378.1
7.5°	2285.0	2317.4	2347.8	2354.3	2360.8	2354.3	2352.2	2356.5	2378.1	2382.5	2382.5
10°	2263.3	2308.8	2343.5	2347.8	2354.3	2347.8	2347.8	2356.5	2378.1	2382.5	2384.6
12.5°	2232.9	2295.8	2328.3	2332.6	2341.3	2339.1	2337.0	2345.6	2367.3	2371.7	2371.7
15°	2198.3	2271.9	2302.3	2306.7	2321.8	2317.4	2317.4	2326.1	2350.0	2356.5	2354.3
17.5°	2150.5	2241.6	2276.3	2282.7	2293.6	2291.5	2293.6	2302.3	2324.0	2328.3	2330.5
20°	2096.4	2200.4	2241.6	2248.1	2258.9	2258.9	2258.9	2269.8	2291.5	2300.1	2300.1
22.5°	2022.7	2157.0	2200.4	2204.8	2217.7	2217.7	2222.1	2237.2	2256.8	2258.9	2258.9
25°	1935.9	2109.4	2146.2	2159.2	2172.2	2178.7	2185.2	2193.9	2200.4	2198.3	2200.4
27.5°	1844.8	2048.6	2096.4	2105.0	2122.3	2128.8	2137.5	2139.7	2141.9	2148.4	2144.0
30°	1742.9	1964.1	2035.6	2044.3	2072.5	2076.8	2068.2	2072.5	2083.3	2087.7	2092.0
32.5°	1628.1	1838.3	1972.8	1992.3	2018.3	2005.3	2003.1	2009.6	2026.9	2026.9	2031.3
35°	1472.0	1740.8	1914.3	1931.6	1951.1	1935.9	1944.6	1946.7	1957.6	1964.1	1961.9
37.5°	1300.8	1656.2	1853.5	1866.5	1881.7	1862.2	1875.2	1881.7	1890.4	1886.1	1886.1
40°	1149.0	1524.0	1782.0	1790.7	1803.7	1788.5	1801.5	1805.9	1810.2	1805.9	1803.7
42.5°	1036.2	1378.7	1706.1	1717.0	1708.3	1719.1	1723.5	1732.2	1725.6	1717.0	1717.0
45°	949.5	1339.8	1623.7	1636.8	1623.7	1641.1	1647.6	1647.6	1628.1	1623.7	1621.6
47.5°	921.3	1261.7	1541.4	1541.4	1534.9	1556.6	1567.4	1552.2	1532.6	1526.2	1526.2
50°	919.2	1175.0	1428.6	1420.0	1450.3	1476.4	1465.5	1450.3	1435.1	1411.3	1411.3
52.5°	834.7	1068.8	1283.4	1315.9	1363.6	1378.7	1361.4	1346.3	1320.2	1309.4	1300.8
55°	773.9	958.2	1151.1	1216.2	1266.1	1285.5	1253.0	1237.9	1198.9	1192.4	1188.0
57.5°	760.9	797.8	1029.7	1112.2	1172.8	1170.7	1151.1	1122.9	1090.5	1084.0	1081.8
60°	698.1	576.6	899.7	997.2	1060.1	1053.6	1036.2	1010.3	979.9	975.6	971.2
62.5°	633.0	418.4	752.2	862.8	951.7	949.5	934.3	895.3	873.7	862.8	854.1
65°	537.7	351.2	535.5	717.6	845.5	849.8	817.3	789.1	765.3	752.2	750.1
67.5°	409.7	286.1	362.1	598.3	743.6	739.2	698.1	685.0	654.7	648.2	635.2
70°	303.5	190.8	251.5	485.6	643.8	633.0	600.5	585.3	557.1	541.9	533.3
72.5°	251.5	153.9	184.2	377.2	541.9	529.0	500.8	483.4	459.6	446.6	437.9
75°	203.8	162.6	140.9	279.6	440.0	431.4	405.4	388.0	368.6	351.2	353.4
77.5°	149.6	151.8	112.7	205.9	349.0	336.0	320.8	299.2	290.5	273.2	273.2
80°	112.7	119.2	84.6	140.9	251.5	251.5	238.5	223.3	208.2	199.4	199.4
82.5°	75.8	75.8	62.9	88.9	171.3	164.8	156.0	151.8	143.1	138.7	138.7
85°	34.7	43.4	39.0	54.2	93.2	97.5	97.5	93.2	91.1	86.7	88.9
87.5°	10.8	19.5	23.8	30.3	47.7	49.9	52.0	52.0	52.0	54.2	54.2
90°	6.7	12.0	17.3	18.5	29.1	43.3	50.4	44.8	33.6	25.2	25.2
92.5°	26.6	71.7	116.8	128.0	180.0	249.2	283.9	248.8	178.7	126.1	121.0
95°	63.7	146.2	228.7	249.4	442.9	700.9	829.9	740.5	561.8	427.8	412.6
97.5°	110.1	182.9	255.7	273.9	596.5	1026.7	1241.8	1185.4	1072.4	987.7	958.8
100°	146.0	212.0	278.0	294.5	652.5	1129.8	1368.5	1372.6	1380.9	1387.0	1352.6
102.5°	176.5	238.0	299.7	315.1	678.2	1162.2	1404.3	1476.2	1620.1	1728.0	1698.5
105°	228.2	280.4	332.5	345.6	697.1	1166.0	1400.3	1561.6	1884.1	2126.0	2110.1
107.5°	281.3	329.9	378.5	390.7	700.7	1114.0	1320.7	1545.7	1995.6	2333.0	2336.8
110°	317.1	361.0	404.9	415.9	695.3	1068.0	1254.4	1505.8	2008.8	2386.1	2402.6



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	352.2	394.1	435.9	446.5	695.6	1027.9	1194.0	1451.3	1966.1	2352.2	2377.6
115°	405.3	443.9	482.6	492.2	702.1	981.8	1121.7	1369.7	1865.6	2237.5	2272.7
117.5°	457.7	492.8	527.9	536.6	715.1	953.0	1071.9	1295.7	1743.3	2078.9	2117.9
120°	488.2	521.3	554.2	562.5	725.7	943.2	1052.0	1256.5	1665.4	1972.1	2010.0
122.5°	518.1	551.4	584.7	593.0	741.0	938.2	1036.8	1221.0	1589.2	1865.3	1902.7
125°	563.8	594.2	624.5	632.1	761.5	934.0	1020.3	1176.6	1489.4	1724.1	1758.5
127.5°	601.0	631.6	662.3	670.0	782.1	931.6	1006.3	1140.6	1409.2	1610.6	1639.7
130°	620.9	653.9	686.9	695.2	797.1	933.0	1001.0	1120.5	1359.6	1539.0	1565.8
132.5°	641.5	674.5	707.5	715.8	809.3	934.0	996.3	1103.4	1317.4	1477.9	1501.9
135°	671.9	702.0	732.1	739.6	822.5	933.1	988.4	1078.0	1257.3	1391.7	1412.4
137.5°	703.1	732.9	762.7	770.2	842.4	938.9	987.0	1062.8	1214.3	1328.0	1344.9
140°	729.0	756.4	783.8	790.7	854.6	939.8	982.4	1047.8	1178.8	1276.9	1292.8
142.5°	748.9	774.3	799.6	806.0	864.8	943.2	982.4	1039.9	1154.9	1241.1	1254.8
145°	779.4	801.5	823.6	829.2	878.0	943.2	975.8	1022.8	1116.9	1187.4	1197.7
147.5°	810.0	831.5	853.0	858.4	897.5	949.7	975.8	1012.7	1086.8	1142.3	1150.9
150°	829.9	849.3	868.7	873.6	907.7	953.0	975.8	1007.0	1069.5	1116.4	1123.3
152.5°	850.4	865.1	879.9	883.6	914.3	955.3	975.8	1002.4	1055.8	1095.8	1101.1
155°	880.9	891.9	902.7	905.5	928.9	960.1	975.8	997.0	1039.5	1071.3	1074.8
157.5°	903.5	914.1	924.7	927.3	943.5	965.0	975.8	992.2	1025.3	1050.1	1052.5
160°	918.7	927.0	935.3	937.3	950.1	967.2	975.8	989.9	1018.2	1039.5	1040.8
162.5°	934.0	940.1	946.4	947.9	957.2	969.6	975.8	987.7	1011.5	1029.5	1030.8
165°	950.6	956.2	961.8	963.2	967.4	972.9	975.8	984.3	1001.5	1014.3	1015.6
167.5°	965.8	968.5	971.1	971.8	975.3	980.0	982.4	988.1	999.2	1007.6	1008.2
170°	975.8	978.4	981.1	981.7	982.0	982.2	982.4	988.1	999.2	1007.6	1007.6
172.5°	981.1	981.6	982.2	982.4	982.4	982.4	982.4	986.9	995.7	1002.3	1001.8
175°	988.4	988.4	988.4	988.4	986.4	983.8	982.4	985.2	990.9	995.1	995.1
177.5°	988.4	988.4	988.4	988.4	986.9	984.7	983.7	985.9	990.4	993.7	993.1
180°	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5
2.5°	2350.0	2343.5	2350.0	2345.6	2347.8	2341.3	2321.8	2315.3	2321.8	2328.3	2328.3
5°	2378.1	2373.8	2378.1	2378.1	2376.0	2371.7	2350.0	2345.6	2350.0	2352.2	2347.8
7.5°	2386.9	2380.4	2386.9	2382.5	2382.5	2378.1	2356.5	2352.2	2354.3	2360.8	2354.3
10°	2386.9	2380.4	2386.9	2384.6	2382.5	2378.1	2356.5	2347.8	2347.8	2354.3	2347.8
12.5°	2376.0	2371.7	2376.0	2371.7	2371.7	2367.3	2345.6	2337.0	2339.1	2341.3	2332.6
15°	2358.7	2352.2	2358.7	2354.3	2356.5	2350.0	2326.1	2317.4	2317.4	2321.8	2306.7
17.5°	2332.6	2324.0	2332.6	2330.5	2328.3	2324.0	2302.3	2293.6	2291.5	2293.6	2282.7
20°	2302.3	2295.8	2302.3	2300.1	2300.1	2291.5	2269.8	2258.9	2258.9	2258.9	2248.1
22.5°	2254.6	2248.1	2254.6	2258.9	2258.9	2256.8	2237.2	2222.1	2217.7	2217.7	2204.8
25°	2200.4	2193.9	2200.4	2200.4	2198.3	2200.4	2193.9	2185.2	2178.7	2172.2	2159.2
27.5°	2148.4	2144.0	2148.4	2144.0	2148.4	2141.9	2139.7	2137.5	2128.8	2122.3	2105.0
30°	2096.4	2092.0	2096.4	2092.0	2087.7	2083.3	2072.5	2068.2	2076.8	2072.5	2044.3
32.5°	2031.3	2026.9	2031.3	2031.3	2026.9	2026.9	2009.6	2003.1	2005.3	2018.3	1992.3
35°	1964.1	1957.6	1964.1	1961.9	1964.1	1957.6	1946.7	1944.6	1935.9	1951.1	1931.6
37.5°	1886.1	1879.5	1886.1	1886.1	1886.1	1890.4	1881.7	1875.2	1862.2	1881.7	1866.5
40°	1805.9	1797.2	1805.9	1803.7	1805.9	1810.2	1805.9	1801.5	1788.5	1803.7	1790.7
42.5°	1714.8	1712.6	1714.8	1717.0	1717.0	1725.6	1732.2	1723.5	1719.1	1708.3	1717.0
45°	1617.2	1612.9	1617.2	1621.6	1623.7	1628.1	1647.6	1647.6	1641.1	1623.7	1636.8
47.5°	1513.2	1502.3	1513.2	1526.2	1526.2	1532.6	1552.2	1567.4	1556.6	1534.9	1541.4
50°	1402.6	1404.8	1402.6	1411.3	1411.3	1435.1	1450.3	1465.5	1476.4	1450.3	1420.0
52.5°	1294.3	1292.0	1294.3	1300.8	1309.4	1320.2	1346.3	1361.4	1378.7	1363.6	1315.9
55°	1185.8	1190.1	1185.8	1188.0	1192.4	1198.9	1237.9	1253.0	1285.5	1266.1	1216.2
57.5°	1077.4	1070.9	1077.4	1081.8	1084.0	1090.5	1122.9	1151.1	1170.7	1172.8	1112.2
60°	951.7	943.0	951.7	971.2	975.6	979.9	1010.3	1036.2	1053.6	1060.1	997.2
62.5°	841.1	825.9	841.1	854.1	862.8	873.7	895.3	934.3	949.5	951.7	862.8
65°	724.0	717.6	724.0	750.1	752.2	765.3	789.1	817.3	849.8	845.5	717.6
67.5°	617.9	617.9	617.9	635.2	648.2	654.7	685.0	698.1	739.2	743.6	598.3
70°	520.2	518.1	520.2	533.3	541.9	557.1	585.3	600.5	633.0	643.8	485.6
72.5°	427.1	424.9	427.1	437.9	446.6	459.6	483.4	500.8	529.0	541.9	377.2
75°	344.7	340.4	344.7	353.4	351.2	368.6	388.0	405.4	431.4	440.0	279.6
77.5°	264.5	264.5	264.5	273.2	273.2	290.5	299.2	320.8	336.0	349.0	205.9
80°	197.3	195.1	197.3	199.4	199.4	208.2	223.3	238.5	251.5	251.5	140.9
82.5°	138.7	134.4	138.7	138.7	138.7	143.1	151.8	156.0	164.8	171.3	88.9
85°	86.7	86.7	86.7	88.9	86.7	91.1	93.2	97.5	97.5	93.2	54.2
87.5°	56.4	54.2	56.4	54.2	54.2	52.0	52.0	52.0	49.9	47.7	30.3
90°	25.2	25.2	25.2	25.2	25.2	33.6	44.8	50.4	43.3	29.1	18.5
92.5°	101.0	80.9	101.0	121.0	126.1	178.7	248.8	283.9	249.2	180.0	128.0
95°	351.9	291.2	351.9	412.6	427.8	561.8	740.5	829.9	700.9	442.9	249.4
97.5°	843.3	727.7	843.3	958.8	987.7	1072.4	1185.4	1241.8	1026.7	596.5	273.9
100°	1215.0	1077.3	1215.0	1352.6	1387.0	1380.9	1372.6	1368.5	1129.8	652.5	294.5
102.5°	1580.6	1462.7	1580.6	1698.5	1728.0	1620.1	1476.2	1404.3	1162.2	678.2	315.1
105°	2046.7	1983.4	2046.7	2110.1	2126.0	1884.1	1561.6	1400.3	1166.0	697.1	345.6
107.5°	2352.1	2367.5	2352.1	2336.8	2333.0	1995.6	1545.7	1320.7	1114.0	700.7	390.7
110°	2468.6	2534.6	2468.6	2402.6	2386.1	2008.8	1505.8	1254.4	1068.0	695.3	415.9



TEST NUMBER: P935737

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2478.9	2580.4	2478.9	2377.6	2352.2	1966.1	1451.3	1194.0	1027.9	695.6	446.5
115°	2413.3	2553.8	2413.3	2272.7	2237.5	1865.6	1369.7	1121.7	981.8	702.1	492.2
117.5°	2273.9	2429.8	2273.9	2117.9	2078.9	1743.3	1295.7	1071.9	953.0	715.1	536.6
120°	2161.5	2313.1	2161.5	2010.0	1972.1	1665.4	1256.5	1052.0	943.2	725.7	562.5
122.5°	2052.1	2201.6	2052.1	1902.7	1865.3	1589.2	1221.0	1036.8	938.2	741.0	593.0
125°	1896.2	2033.8	1896.2	1758.5	1724.1	1489.4	1176.6	1020.3	934.0	761.5	632.1
127.5°	1755.8	1872.0	1755.8	1639.7	1610.6	1409.2	1140.6	1006.3	931.6	782.1	670.0
130°	1673.2	1780.4	1673.2	1565.8	1539.0	1359.6	1120.5	1001.0	933.0	797.1	695.2
132.5°	1598.1	1694.2	1598.1	1501.9	1477.9	1317.4	1103.4	996.3	934.0	809.3	715.8
135°	1495.2	1578.1	1495.2	1412.4	1391.7	1257.3	1078.0	988.4	933.1	822.5	739.6
137.5°	1412.7	1480.5	1412.7	1344.9	1328.0	1214.3	1062.8	987.0	938.9	842.4	770.2
140°	1356.2	1419.6	1356.2	1292.8	1276.9	1178.8	1047.8	982.4	939.8	854.6	790.7
142.5°	1309.3	1363.9	1309.3	1254.8	1241.1	1154.9	1039.9	982.4	943.2	864.8	806.0
145°	1239.0	1280.3	1239.0	1197.7	1187.4	1116.9	1022.8	975.8	943.2	878.0	829.2
147.5°	1185.1	1219.3	1185.1	1150.9	1142.3	1086.8	1012.7	975.8	949.7	897.5	858.4
150°	1151.1	1178.8	1151.1	1123.3	1116.4	1069.5	1007.0	975.8	953.0	907.7	873.6
152.5°	1122.0	1142.9	1122.0	1101.1	1095.8	1055.8	1002.4	975.8	955.3	914.3	883.6
155°	1088.7	1102.5	1088.7	1074.8	1071.3	1039.5	997.0	975.8	960.1	928.9	905.5
157.5°	1062.2	1071.9	1062.2	1052.5	1050.1	1025.3	992.2	975.8	965.0	943.5	927.3
160°	1046.5	1052.0	1046.5	1040.8	1039.5	1018.2	989.9	975.8	967.2	950.1	937.3
162.5°	1036.1	1041.4	1036.1	1030.8	1029.5	1011.5	987.7	975.8	969.6	957.2	947.9
165°	1021.3	1026.8	1021.3	1015.6	1014.3	1001.5	984.3	975.8	972.9	967.4	963.2
167.5°	1010.5	1012.9	1010.5	1008.2	1007.6	999.2	988.1	982.4	980.0	975.3	971.8
170°	1007.6	1007.6	1007.6	1007.6	1007.6	999.2	988.1	982.4	982.2	982.0	981.7
172.5°	999.8	997.7	999.8	1001.8	1002.3	995.7	986.9	982.4	982.4	982.4	982.4
175°	995.1	995.1	995.1	995.1	995.1	990.9	985.2	982.4	983.8	986.4	988.4
177.5°	990.8	988.4	990.8	993.1	993.7	990.4	985.9	983.7	984.7	986.9	988.4
180°	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4



TEST NUMBER: P935737

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5
2.5°	2324.0	2310.9	2310.9	2289.3	2280.6	2274.1	2263.3	2230.7	2222.1	2213.4	2226.4
5°	2343.5	2319.6	2302.3	2263.3	2230.7	2217.7	2176.6	2098.5	2046.5	2007.5	1985.8
7.5°	2347.8	2317.4	2285.0	2224.2	2146.2	2111.5	1985.8	1842.7	1803.7	1769.0	1747.3
10°	2343.5	2308.8	2263.3	2172.2	1988.0	1927.3	1801.5	1708.3	1684.4	1677.9	1684.4
12.5°	2328.3	2295.8	2232.9	2081.2	1823.2	1782.0	1708.3	1654.1	1649.7	1660.6	1719.1
15°	2302.3	2271.9	2198.3	1959.8	1732.2	1701.8	1649.7	1630.3	1654.1	1730.0	1905.6
17.5°	2276.3	2241.6	2150.5	1840.6	1662.7	1641.1	1604.2	1643.3	1777.7	1879.5	1938.1
20°	2241.6	2200.4	2096.4	1753.8	1612.9	1593.4	1576.0	1751.6	1853.5	1890.4	1922.9
22.5°	2200.4	2157.0	2022.7	1693.1	1560.8	1545.7	1556.6	1812.4	1853.5	1879.5	1907.7
25°	2146.2	2109.4	1935.9	1645.4	1519.7	1502.3	1543.5	1805.9	1829.7	1836.2	1892.6
27.5°	2096.4	2048.6	1844.8	1602.1	1469.8	1463.3	1554.3	1777.7	1795.0	1801.5	1862.2
30°	2035.6	1964.1	1742.9	1556.6	1417.8	1415.6	1556.6	1742.9	1738.7	1756.0	1816.6
32.5°	1972.8	1838.3	1628.1	1500.2	1368.0	1365.8	1541.4	1690.9	1686.6	1710.5	1756.0
35°	1914.3	1740.8	1472.0	1435.1	1305.0	1307.2	1504.5	1630.3	1632.4	1654.1	1682.3
37.5°	1853.5	1656.2	1300.8	1363.6	1244.4	1244.4	1454.7	1573.9	1569.5	1576.0	1615.1
40°	1782.0	1524.0	1149.0	1270.3	1188.0	1181.5	1393.9	1513.2	1498.0	1495.8	1550.1
42.5°	1706.1	1378.7	1036.2	1146.8	1122.9	1114.3	1320.2	1439.5	1411.3	1417.8	1487.1
45°	1623.7	1339.8	949.5	969.0	1055.8	1049.2	1240.0	1354.9	1335.4	1352.8	1424.3
47.5°	1541.4	1261.7	921.3	804.2	984.2	982.1	1151.1	1272.6	1261.7	1279.1	1354.9
50°	1428.6	1175.0	919.2	689.4	904.0	912.6	1044.9	1192.4	1192.4	1207.5	1287.7
52.5°	1283.4	1068.8	834.7	624.4	810.8	836.8	951.7	1122.9	1127.3	1142.5	1214.0
55°	1151.1	958.2	773.9	574.5	700.2	756.6	860.6	1051.4	1060.1	1075.3	1140.3
57.5°	1029.7	797.8	760.9	516.0	598.3	652.6	780.4	982.1	986.3	999.4	1062.3
60°	899.7	576.6	698.1	453.1	509.5	550.7	706.7	899.7	914.9	923.5	977.7
62.5°	752.2	418.4	633.0	409.7	466.1	474.7	646.1	821.6	841.1	847.6	880.2
65°	535.5	351.2	537.7	372.9	420.6	422.7	581.0	741.4	758.7	769.6	793.5
67.5°	362.1	286.1	409.7	338.1	385.9	388.0	518.1	648.2	672.0	680.7	695.9
70°	251.5	190.8	303.5	301.3	346.9	351.2	450.9	563.6	585.3	591.8	600.5
72.5°	184.2	153.9	251.5	271.0	305.7	310.0	381.5	468.2	489.9	496.4	500.8
75°	140.9	162.6	203.8	236.3	260.2	262.3	312.2	381.5	396.7	401.1	403.2
77.5°	112.7	151.8	149.6	190.8	212.4	208.2	245.0	294.8	307.8	307.8	307.8
80°	84.6	119.2	112.7	136.6	156.0	151.8	175.6	210.3	214.6	218.9	216.8
82.5°	62.9	75.8	75.8	86.7	104.0	99.8	117.1	136.6	136.6	136.6	140.9
85°	39.0	43.4	34.7	45.5	58.5	56.4	65.0	73.7	75.8	75.8	71.6
87.5°	23.8	19.5	10.8	17.3	26.1	26.1	30.3	32.5	30.3	30.3	30.3
90°	17.3	12.0	6.7	12.0	17.3	18.5	29.1	43.3	50.4	44.8	33.6
92.5°	116.8	71.7	26.6	71.7	116.8	128.0	180.0	249.2	283.9	248.8	178.7
95°	228.7	146.2	63.7	146.2	228.7	249.4	442.9	700.9	829.9	740.5	561.8
97.5°	255.7	182.9	110.1	182.9	255.7	273.9	596.5	1026.7	1241.8	1185.4	1072.4
100°	278.0	212.0	146.0	212.0	278.0	294.5	652.5	1129.8	1368.5	1372.6	1380.9
102.5°	299.7	238.0	176.5	238.0	299.7	315.1	678.2	1162.2	1404.3	1476.2	1620.1
105°	332.5	280.4	228.2	280.4	332.5	345.6	697.1	1166.0	1400.3	1561.6	1884.1
107.5°	378.5	329.9	281.3	329.9	378.5	390.7	700.7	1114.0	1320.7	1545.7	1995.6
110°	404.9	361.0	317.1	361.0	404.9	415.9	695.3	1068.0	1254.4	1505.8	2008.8



TEST NUMBER: P935737

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	435.9	394.1	352.2	394.1	435.9	446.5	695.6	1027.9	1194.0	1451.3	1966.1
115°	482.6	443.9	405.3	443.9	482.6	492.2	702.1	981.8	1121.7	1369.7	1865.6
117.5°	527.9	492.8	457.7	492.8	527.9	536.6	715.1	953.0	1071.9	1295.7	1743.3
120°	554.2	521.3	488.2	521.3	554.2	562.5	725.7	943.2	1052.0	1256.5	1665.4
122.5°	584.7	551.4	518.1	551.4	584.7	593.0	741.0	938.2	1036.8	1221.0	1589.2
125°	624.5	594.2	563.8	594.2	624.5	632.1	761.5	934.0	1020.3	1176.6	1489.4
127.5°	662.3	631.6	601.0	631.6	662.3	670.0	782.1	931.6	1006.3	1140.6	1409.2
130°	686.9	653.9	620.9	653.9	686.9	695.2	797.1	933.0	1001.0	1120.5	1359.6
132.5°	707.5	674.5	641.5	674.5	707.5	715.8	809.3	934.0	996.3	1103.4	1317.4
135°	732.1	702.0	671.9	702.0	732.1	739.6	822.5	933.1	988.4	1078.0	1257.3
137.5°	762.7	732.9	703.1	732.9	762.7	770.2	842.4	938.9	987.0	1062.8	1214.3
140°	783.8	756.4	729.0	756.4	783.8	790.7	854.6	939.8	982.4	1047.8	1178.8
142.5°	799.6	774.3	748.9	774.3	799.6	806.0	864.8	943.2	982.4	1039.9	1154.9
145°	823.6	801.5	779.4	801.5	823.6	829.2	878.0	943.2	975.8	1022.8	1116.9
147.5°	853.0	831.5	810.0	831.5	853.0	858.4	897.5	949.7	975.8	1012.7	1086.8
150°	868.7	849.3	829.9	849.3	868.7	873.6	907.7	953.0	975.8	1007.0	1069.5
152.5°	879.9	865.1	850.4	865.1	879.9	883.6	914.3	955.3	975.8	1002.4	1055.8
155°	902.7	891.9	880.9	891.9	902.7	905.5	928.9	960.1	975.8	997.0	1039.5
157.5°	924.7	914.1	903.5	914.1	924.7	927.3	943.5	965.0	975.8	992.2	1025.3
160°	935.3	927.0	918.7	927.0	935.3	937.3	950.1	967.2	975.8	989.9	1018.2
162.5°	946.4	940.1	934.0	940.1	946.4	947.9	957.2	969.6	975.8	987.7	1011.5
165°	961.8	956.2	950.6	956.2	961.8	963.2	967.4	972.9	975.8	984.3	1001.5
167.5°	971.1	968.5	965.8	968.5	971.1	971.8	975.3	980.0	982.4	988.1	999.2
170°	981.1	978.4	975.8	978.4	981.1	981.7	982.0	982.2	982.4	988.1	999.2
172.5°	982.2	981.6	981.1	981.6	982.2	982.4	982.4	982.4	982.4	986.9	995.7
175°	988.4	988.4	988.4	988.4	988.4	988.4	986.4	983.8	982.4	985.2	990.9
177.5°	988.4	988.4	988.4	988.4	988.4	988.4	986.9	984.7	983.7	985.9	990.4
180°	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4



TEST NUMBER: P935737

CATALOG NUMBER: SQ4-FA-125U-125D-92765-1D-UNV-STD-W-6-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5	2291.5
2.5°	2211.3	2204.8	2213.4	2189.6	2213.4	2204.8	2211.3	2226.4	2213.4	2222.1	2230.7
5°	1940.2	1929.4	1894.7	1866.5	1894.7	1929.4	1940.2	1985.8	2007.5	2046.5	2098.5
7.5°	1734.3	1725.6	1717.0	1699.6	1717.0	1725.6	1734.3	1747.3	1769.0	1803.7	1842.7
10°	1688.8	1690.9	1704.0	1701.8	1704.0	1690.9	1688.8	1684.4	1677.9	1684.4	1708.3
12.5°	1805.9	1825.4	1896.9	1892.6	1896.9	1825.4	1805.9	1719.1	1660.6	1649.7	1654.1
15°	1940.2	1946.7	1961.9	1964.1	1961.9	1946.7	1940.2	1905.6	1730.0	1654.1	1630.3
17.5°	1953.2	1955.4	1966.3	1966.3	1966.3	1955.4	1953.2	1938.1	1879.5	1777.7	1643.3
20°	1942.5	1946.7	1968.4	1972.8	1968.4	1946.7	1942.5	1922.9	1890.4	1853.5	1751.6
22.5°	1938.1	1946.7	1964.1	1961.9	1964.1	1946.7	1938.1	1907.7	1879.5	1853.5	1812.4
25°	1916.4	1916.4	1918.5	1920.8	1918.5	1916.4	1916.4	1892.6	1836.2	1829.7	1805.9
27.5°	1870.9	1875.2	1888.2	1886.1	1888.2	1875.2	1870.9	1862.2	1801.5	1795.0	1777.7
30°	1829.7	1825.4	1814.5	1805.9	1814.5	1825.4	1829.7	1816.6	1756.0	1738.7	1742.9
32.5°	1760.4	1749.5	1738.7	1732.2	1738.7	1749.5	1760.4	1756.0	1710.5	1686.6	1690.9
35°	1677.9	1680.1	1677.9	1671.4	1677.9	1680.1	1677.9	1682.3	1654.1	1632.4	1630.3
37.5°	1619.4	1623.7	1621.6	1612.9	1621.6	1623.7	1619.4	1615.1	1576.0	1569.5	1573.9
40°	1558.7	1560.8	1558.7	1552.2	1558.7	1560.8	1558.7	1550.1	1495.8	1498.0	1513.2
42.5°	1500.2	1498.0	1491.5	1487.1	1491.5	1498.0	1500.2	1487.1	1417.8	1411.3	1439.5
45°	1433.0	1435.1	1422.1	1415.6	1422.1	1435.1	1433.0	1424.3	1352.8	1335.4	1354.9
47.5°	1365.8	1365.8	1354.9	1348.4	1354.9	1365.8	1365.8	1354.9	1279.1	1261.7	1272.6
50°	1294.3	1292.0	1276.9	1274.7	1276.9	1292.0	1294.3	1287.7	1207.5	1192.4	1192.4
52.5°	1211.8	1211.8	1214.0	1218.3	1214.0	1211.8	1211.8	1214.0	1142.5	1127.3	1122.9
55°	1140.3	1142.5	1157.7	1162.0	1157.7	1142.5	1140.3	1140.3	1075.3	1060.1	1051.4
57.5°	1066.6	1066.6	1077.4	1077.4	1077.4	1066.6	1066.6	1062.3	999.4	986.3	982.1
60°	982.1	986.3	995.1	992.9	995.1	986.3	982.1	977.7	923.5	914.9	899.7
62.5°	893.2	897.5	899.7	895.3	899.7	897.5	893.2	880.2	847.6	841.1	821.6
65°	800.0	804.2	806.5	802.1	806.5	804.2	800.0	793.5	769.6	758.7	741.4
67.5°	704.6	702.3	700.2	708.9	700.2	702.3	704.6	695.9	680.7	672.0	648.2
70°	607.0	607.0	604.8	609.2	604.8	607.0	607.0	600.5	591.8	585.3	563.6
72.5°	502.9	500.8	509.5	502.9	509.5	500.8	502.9	500.8	496.4	489.9	468.2
75°	401.1	405.4	401.1	407.6	401.1	405.4	401.1	403.2	401.1	396.7	381.5
77.5°	305.7	310.0	305.7	305.7	305.7	310.0	305.7	307.8	307.8	307.8	294.8
80°	216.8	214.6	214.6	212.4	214.6	214.6	216.8	216.8	218.9	214.6	210.3
82.5°	138.7	136.6	136.6	140.9	136.6	136.6	138.7	140.9	136.6	136.6	136.6
85°	75.8	78.1	73.7	73.7	73.7	78.1	75.8	71.6	75.8	75.8	73.7
87.5°	28.2	26.1	26.1	26.1	26.1	26.1	28.2	30.3	30.3	30.3	32.5
90°	25.2	25.2	25.2	25.2	25.2	25.2	25.2	33.6	44.8	50.4	43.3
92.5°	126.1	121.0	101.0	80.9	101.0	121.0	126.1	178.7	248.8	283.9	249.2
95°	427.8	412.6	351.9	291.2	351.9	412.6	427.8	561.8	740.5	829.9	700.9
97.5°	987.7	958.8	843.3	727.7	843.3	958.8	987.7	1072.4	1185.4	1241.8	1026.7
100°	1387.0	1352.6	1215.0	1077.3	1215.0	1352.6	1387.0	1380.9	1372.6	1368.5	1129.8
102.5°	1728.0	1698.5	1580.6	1462.7	1580.6	1698.5	1728.0	1620.1	1476.2	1404.3	1162.2
105°	2126.0	2110.1	2046.7	1983.4	2046.7	2110.1	2126.0	1884.1	1561.6	1400.3	1166.0
107.5°	2333.0	2336.8	2352.1	2367.5	2352.1	2336.8	2333.0	1995.6	1545.7	1320.7	1114.0
110°	2386.1	2402.6	2468.6	2534.6	2468.6	2402.6	2386.1	2008.8	1505.8	1254.4	1068.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2352.2	2377.6	2478.9	2580.4	2478.9	2377.6	2352.2	1966.1	1451.3	1194.0	1027.9
115°	2237.5	2272.7	2413.3	2553.8	2413.3	2272.7	2237.5	1865.6	1369.7	1121.7	981.8
117.5°	2078.9	2117.9	2273.9	2429.8	2273.9	2117.9	2078.9	1743.3	1295.7	1071.9	953.0
120°	1972.1	2010.0	2161.5	2313.1	2161.5	2010.0	1972.1	1665.4	1256.5	1052.0	943.2
122.5°	1865.3	1902.7	2052.1	2201.6	2052.1	1902.7	1865.3	1589.2	1221.0	1036.8	938.2
125°	1724.1	1758.5	1896.2	2033.8	1896.2	1758.5	1724.1	1489.4	1176.6	1020.3	934.0
127.5°	1610.6	1639.7	1755.8	1872.0	1755.8	1639.7	1610.6	1409.2	1140.6	1006.3	931.6
130°	1539.0	1565.8	1673.2	1780.4	1673.2	1565.8	1539.0	1359.6	1120.5	1001.0	933.0
132.5°	1477.9	1501.9	1598.1	1694.2	1598.1	1501.9	1477.9	1317.4	1103.4	996.3	934.0
135°	1391.7	1412.4	1495.2	1578.1	1495.2	1412.4	1391.7	1257.3	1078.0	988.4	933.1
137.5°	1328.0	1344.9	1412.7	1480.5	1412.7	1344.9	1328.0	1214.3	1062.8	987.0	938.9
140°	1276.9	1292.8	1356.2	1419.6	1356.2	1292.8	1276.9	1178.8	1047.8	982.4	939.8
142.5°	1241.1	1254.8	1309.3	1363.9	1309.3	1254.8	1241.1	1154.9	1039.9	982.4	943.2
145°	1187.4	1197.7	1239.0	1280.3	1239.0	1197.7	1187.4	1116.9	1022.8	975.8	943.2
147.5°	1142.3	1150.9	1185.1	1219.3	1185.1	1150.9	1142.3	1086.8	1012.7	975.8	949.7
150°	1116.4	1123.3	1151.1	1178.8	1151.1	1123.3	1116.4	1069.5	1007.0	975.8	953.0
152.5°	1095.8	1101.1	1122.0	1142.9	1122.0	1101.1	1095.8	1055.8	1002.4	975.8	955.3
155°	1071.3	1074.8	1088.7	1102.5	1088.7	1074.8	1071.3	1039.5	997.0	975.8	960.1
157.5°	1050.1	1052.5	1062.2	1071.9	1062.2	1052.5	1050.1	1025.3	992.2	975.8	965.0
160°	1039.5	1040.8	1046.5	1052.0	1046.5	1040.8	1039.5	1018.2	989.9	975.8	967.2
162.5°	1029.5	1030.8	1036.1	1041.4	1036.1	1030.8	1029.5	1011.5	987.7	975.8	969.6
165°	1014.3	1015.6	1021.3	1026.8	1021.3	1015.6	1014.3	1001.5	984.3	975.8	972.9
167.5°	1007.6	1008.2	1010.5	1012.9	1010.5	1008.2	1007.6	999.2	988.1	982.4	980.0
170°	1007.6	1007.6	1007.6	1007.6	1007.6	1007.6	1007.6	999.2	988.1	982.4	982.2
172.5°	1002.3	1001.8	999.8	997.7	999.8	1001.8	1002.3	995.7	986.9	982.4	982.4
175°	995.1	995.1	995.1	995.1	995.1	995.1	995.1	990.9	985.2	982.4	983.8
177.5°	993.7	993.1	990.8	988.4	990.8	993.1	993.7	990.4	985.9	983.7	984.7
180°	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4	988.4



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2291.5	2291.5	2291.5	2291.5	2291.5
2.5°	2263.3	2274.1	2280.6	2289.3	2310.9
5°	2176.6	2217.7	2230.7	2263.3	2302.3
7.5°	1985.8	2111.5	2146.2	2224.2	2285.0
10°	1801.5	1927.3	1988.0	2172.2	2263.3
12.5°	1708.3	1782.0	1823.2	2081.2	2232.9
15°	1649.7	1701.8	1732.2	1959.8	2198.3
17.5°	1604.2	1641.1	1662.7	1840.6	2150.5
20°	1576.0	1593.4	1612.9	1753.8	2096.4
22.5°	1556.6	1545.7	1560.8	1693.1	2022.7
25°	1543.5	1502.3	1519.7	1645.4	1935.9
27.5°	1554.3	1463.3	1469.8	1602.1	1844.8
30°	1556.6	1415.6	1417.8	1556.6	1742.9
32.5°	1541.4	1365.8	1368.0	1500.2	1628.1
35°	1504.5	1307.2	1305.0	1435.1	1472.0
37.5°	1454.7	1244.4	1244.4	1363.6	1300.8
40°	1393.9	1181.5	1188.0	1270.3	1149.0
42.5°	1320.2	1114.3	1122.9	1146.8	1036.2
45°	1240.0	1049.2	1055.8	969.0	949.5
47.5°	1151.1	982.1	984.2	804.2	921.3
50°	1044.9	912.6	904.0	689.4	919.2
52.5°	951.7	836.8	810.8	624.4	834.7
55°	860.6	756.6	700.2	574.5	773.9
57.5°	780.4	652.6	598.3	516.0	760.9
60°	706.7	550.7	509.5	453.1	698.1
62.5°	646.1	474.7	466.1	409.7	633.0
65°	581.0	422.7	420.6	372.9	537.7
67.5°	518.1	388.0	385.9	338.1	409.7
70°	450.9	351.2	346.9	301.3	303.5
72.5°	381.5	310.0	305.7	271.0	251.5
75°	312.2	262.3	260.2	236.3	203.8
77.5°	245.0	208.2	212.4	190.8	149.6
80°	175.6	151.8	156.0	136.6	112.7
82.5°	117.1	99.8	104.0	86.7	75.8
85°	65.0	56.4	58.5	45.5	34.7
87.5°	30.3	26.1	26.1	17.3	10.8
90°	29.1	18.5	17.3	12.0	6.7
92.5°	180.0	128.0	116.8	71.7	26.6
95°	442.9	249.4	228.7	146.2	63.7
97.5°	596.5	273.9	255.7	182.9	110.1
100°	652.5	294.5	278.0	212.0	146.0
102.5°	678.2	315.1	299.7	238.0	176.5
105°	697.1	345.6	332.5	280.4	228.2
107.5°	700.7	390.7	378.5	329.9	281.3
110°	695.3	415.9	404.9	361.0	317.1



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	695.6	446.5	435.9	394.1	352.2
115°	702.1	492.2	482.6	443.9	405.3
117.5°	715.1	536.6	527.9	492.8	457.7
120°	725.7	562.5	554.2	521.3	488.2
122.5°	741.0	593.0	584.7	551.4	518.1
125°	761.5	632.1	624.5	594.2	563.8
127.5°	782.1	670.0	662.3	631.6	601.0
130°	797.1	695.2	686.9	653.9	620.9
132.5°	809.3	715.8	707.5	674.5	641.5
135°	822.5	739.6	732.1	702.0	671.9
137.5°	842.4	770.2	762.7	732.9	703.1
140°	854.6	790.7	783.8	756.4	729.0
142.5°	864.8	806.0	799.6	774.3	748.9
145°	878.0	829.2	823.6	801.5	779.4
147.5°	897.5	858.4	853.0	831.5	810.0
150°	907.7	873.6	868.7	849.3	829.9
152.5°	914.3	883.6	879.9	865.1	850.4
155°	928.9	905.5	902.7	891.9	880.9
157.5°	943.5	927.3	924.7	914.1	903.5
160°	950.1	937.3	935.3	927.0	918.7
162.5°	957.2	947.9	946.4	940.1	934.0
165°	967.4	963.2	961.8	956.2	950.6
167.5°	975.3	971.8	971.1	968.5	965.8
170°	982.0	981.7	981.1	978.4	975.8
172.5°	982.4	982.4	982.2	981.6	981.1
175°	986.4	988.4	988.4	988.4	988.4
177.5°	986.9	988.4	988.4	988.4	988.4
180°	988.4	988.4	988.4	988.4	988.4



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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	13.84	14.68	14.81	15.67	16.97	16.66	17.51	17.64	18.50	19.79
	3H	14.31	15.07	15.30	16.07	17.39	18.01	18.76	18.99	19.76	21.08
	4H	14.51	15.22	15.50	16.22	17.55	18.45	19.16	19.45	20.16	21.49
	6H	14.62	15.28	15.63	16.29	17.63	18.73	19.39	19.74	20.40	21.74
	8H	14.62	15.25	15.64	16.27	17.61	18.80	19.43	19.82	20.45	21.79
	12H	14.59	15.19	15.61	16.21	17.57	18.84	19.44	19.86	20.45	21.81
4H	2H	14.87	15.58	15.87	16.58	17.91	17.07	17.79	18.07	18.79	20.11
	3H	15.89	16.49	16.91	17.52	18.86	18.57	19.17	19.59	20.20	21.54
	4H	16.17	16.72	17.19	17.74	19.10	19.10	19.65	20.12	20.67	22.03
	6H	16.29	16.76	17.32	17.81	19.17	19.46	19.93	20.49	20.98	22.34
	8H	16.30	16.74	17.33	17.77	19.15	19.57	20.01	20.60	21.04	22.42
	12H	16.26	16.66	17.32	17.71	19.09	19.62	20.02	20.67	21.07	22.45
8H	4H	16.62	17.06	17.65	18.10	19.47	19.22	19.66	20.26	20.70	22.07
	6H	16.88	17.24	17.94	18.32	19.70	19.66	20.02	20.71	21.10	22.47
	8H	16.92	17.24	17.99	18.31	19.70	19.81	20.13	20.87	21.19	22.58
	12H	16.91	17.19	17.97	18.25	19.68	19.90	20.19	20.97	21.24	22.68
12H	4H	16.63	17.02	17.68	18.07	19.46	19.19	19.58	20.24	20.64	22.02
	6H	16.94	17.26	18.01	18.32	19.72	19.65	19.97	20.72	21.04	22.43
	8H	17.01	17.29	18.08	18.35	19.78	19.81	20.09	20.88	21.15	22.59