

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: P935337

Luminaire Tested: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

**Test Information**

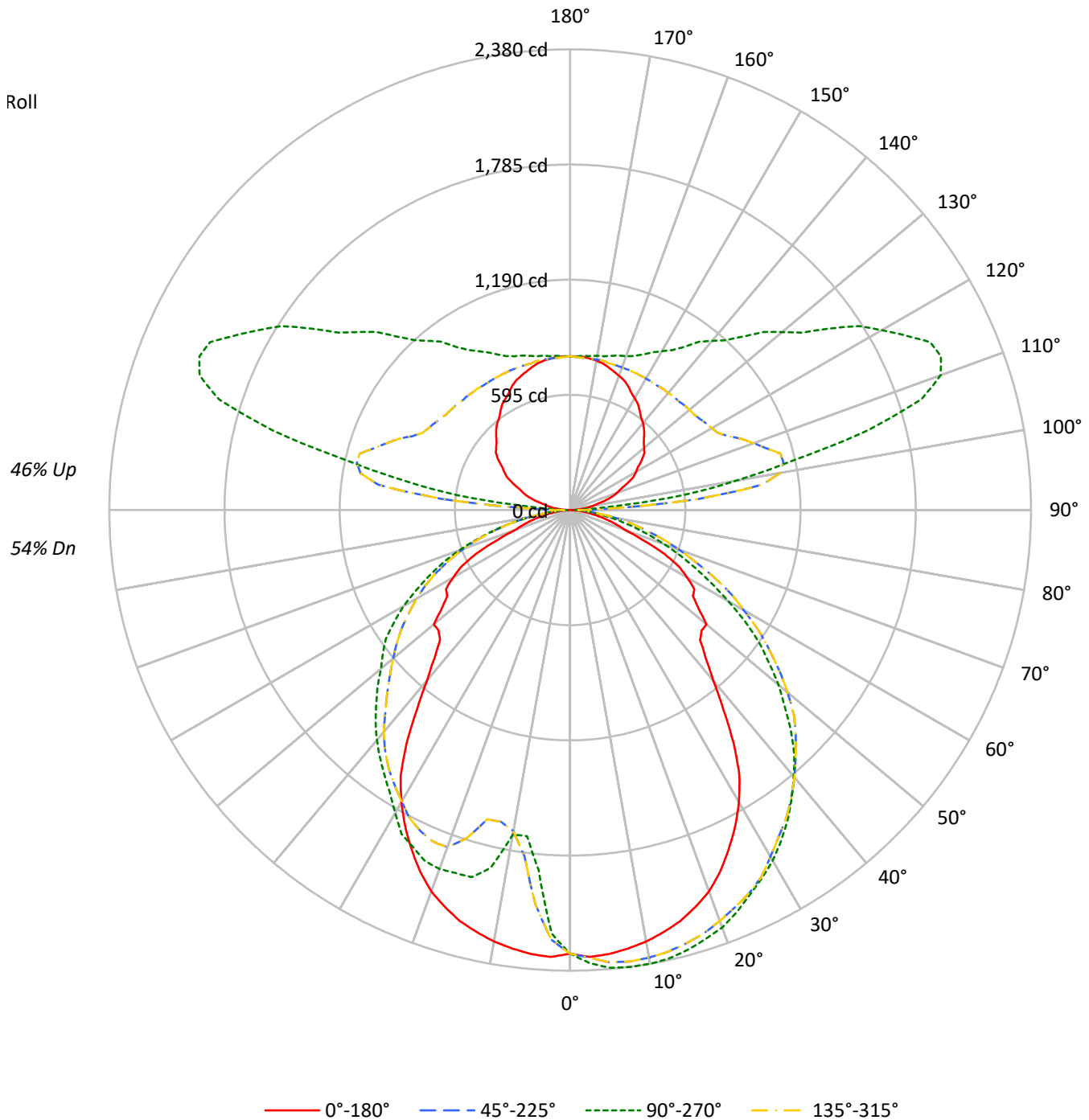
Test Method: LM-79-2019  
Report Number: P935337  
REPORT IS A COMBINATION OF REPORTS P933751 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-2700K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 11091.7 lumens  
Efficiency: N/A  
Efficacy: 107.5 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): 103.2  
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	85	85	85	72	72	72	59	59	59	54
1	99	94	90	87	91	88	84	81	75	73	70	63	62	60	53	51	50	45
2	90	82	76	71	83	77	71	67	66	62	58	56	53	50	46	44	42	38
3	82	72	65	59	76	67	61	56	58	53	49	49	46	42	41	38	36	32
4	75	64	56	50	69	60	53	47	51	46	42	44	40	36	37	34	31	28
5	69	57	49	43	64	53	46	41	46	40	36	39	35	31	33	30	27	24
6	63	51	43	37	59	48	41	35	41	36	31	35	31	28	30	26	24	21
7	59	46	38	33	54	43	36	31	38	32	28	32	28	24	27	24	21	19
8	54	42	34	29	50	39	32	27	34	29	24	29	25	22	25	22	19	17
9	51	38	31	26	47	36	29	24	31	26	22	27	23	19	23	20	17	15
10	47	35	28	23	44	33	26	22	29	23	20	25	21	18	21	18	15	13

**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	1.9
10°-20°	587.3	5.3
20°-30°	907.8	8.2
30°-40°	1083.8	9.8
40°-50°	1090.1	9.8
50°-60°	948.5	8.6
60°-70°	672.5	6.1
70°-80°	355.8	3.2
80°-90°	91.6	0.8
90°-100°	387.0	3.5
100°-110°	1017.6	9.2
110°-120°	1055.1	9.5
120°-130°	846.3	7.6
130°-140°	664.1	6.0
140°-150°	509.7	4.6
150°-160°	367.1	3.3
160°-170°	224.6	2.0
170°-180°	75.9	0.7
0°-30°	1702.0	15.3
0°-40°	2785.7	25.1
0°-60°	4824.4	43.5
0°-90°	5944.3	53.6
90°-120°	2459.7	22.2
90°-150°	4479.8	40.4
90°-180°	5147.0	46.4
0°-180°	11091.7	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°	5	20	5	20	5	6
95°	51	234	51	234	51	57
105°	183	1593	183	1593	183	194
115°	326	2052	326	2052	326	322
125°	453	1634	453	1634	453	402
135°	540	1268	540	1268	540	418
145°	626	1028	626	1028	626	392
155°	708	886	708	886	708	325
165°	764	825	764	825	764	216
175°	794	799	794	799	794	75
180°	794	794	794	794	794	



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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°	5.3	9.6	13.8	14.9	23.5	34.8	40.5	36.0	27.0	20.2	20.2
92.5°	21.4	57.6	93.8	102.8	144.6	200.2	228.1	199.9	143.5	101.2	97.2
95°	51.2	117.4	183.8	200.4	355.8	563.0	666.6	594.9	451.3	343.7	331.5
97.5°	88.5	147.0	205.5	220.1	479.3	824.8	997.6	952.3	861.6	793.5	770.3
100°	117.3	170.3	223.4	236.6	524.2	907.6	1099.3	1102.7	1109.3	1114.3	1086.6
102.5°	141.8	191.3	240.8	253.2	544.8	933.7	1128.1	1186.0	1301.5	1388.2	1364.6
105°	183.3	225.2	267.2	277.7	560.1	936.7	1125.0	1254.5	1513.6	1707.9	1695.2
107.5°	225.9	265.0	304.2	313.9	563.0	895.0	1061.0	1241.7	1603.1	1874.2	1877.3
110°	254.7	290.0	325.3	334.1	558.7	858.1	1007.7	1209.7	1613.8	1916.8	1930.1



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	283.0	316.6	350.3	358.6	558.9	825.8	959.2	1166.0	1579.5	1889.7	1910.0
115°	325.6	356.6	387.6	395.4	564.0	788.7	901.1	1100.3	1498.7	1797.5	1825.8
117.5°	367.7	395.9	424.1	431.1	574.4	765.6	861.1	1040.9	1400.4	1670.1	1701.4
120°	392.2	418.8	445.3	451.9	583.0	757.8	845.2	1009.4	1337.9	1584.3	1614.7
122.5°	416.2	443.0	469.8	476.4	595.2	753.7	832.9	980.9	1276.7	1498.5	1528.5
125°	452.9	477.4	501.8	507.9	611.8	750.4	819.6	945.3	1196.5	1385.1	1412.7
127.5°	482.8	507.4	532.1	538.3	628.3	748.4	808.4	916.3	1132.1	1293.9	1317.2
130°	498.8	525.4	551.9	558.5	640.4	749.6	804.2	900.2	1092.3	1236.4	1257.9
132.5°	515.3	541.9	568.3	575.0	650.2	750.4	800.4	886.4	1058.4	1187.3	1206.6
135°	539.8	564.0	588.2	594.2	660.8	749.6	794.0	866.0	1010.0	1118.1	1134.7
137.5°	564.8	588.8	612.8	618.7	676.8	754.3	793.0	853.9	975.6	1066.9	1080.5
140°	585.7	607.7	629.7	635.2	686.5	755.0	789.2	841.8	947.0	1025.8	1038.5
142.5°	601.6	622.1	642.4	647.5	694.7	757.7	789.2	835.4	927.8	997.0	1008.0
145°	626.2	643.9	661.7	666.1	705.4	757.8	783.9	821.7	897.3	953.9	962.2
147.5°	650.7	667.9	685.2	689.5	721.0	762.9	783.9	813.6	873.1	917.7	924.5
150°	666.6	682.3	697.9	701.8	729.2	765.6	783.9	809.0	859.2	896.8	902.4
152.5°	683.2	695.1	706.9	709.9	734.6	767.4	783.9	805.4	848.2	880.3	884.5
155°	707.7	716.4	725.2	727.4	746.3	771.4	783.9	801.0	835.1	860.6	863.4
157.5°	725.8	734.4	742.8	745.0	758.0	775.3	783.9	797.2	823.7	843.6	845.6
160°	738.1	744.7	751.4	753.0	763.3	777.1	783.9	795.3	818.0	835.1	836.2
162.5°	750.4	755.3	760.3	761.5	769.0	779.0	783.9	793.5	812.7	827.1	828.1
165°	763.7	768.1	772.6	773.8	777.2	781.7	783.9	790.8	804.5	814.8	815.9
167.5°	775.9	778.0	780.2	780.7	783.5	787.3	789.2	793.7	802.7	809.5	810.0
170°	783.9	786.1	788.2	788.7	788.9	789.1	789.2	793.7	802.7	809.5	809.5
172.5°	788.2	788.6	789.1	789.2	789.2	789.2	789.2	792.8	799.9	805.2	804.8
175°	794.0	794.0	794.0	794.0	792.4	790.2	789.2	791.4	796.0	799.4	799.4
177.5°	794.0	794.0	794.0	794.0	792.8	791.2	790.3	792.1	795.6	798.3	797.8
180°	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0



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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°	20.2	20.2	20.2	20.2	20.2	27.0	36.0	40.5	34.8	23.5	14.9
92.5°	81.1	65.0	81.1	97.2	101.2	143.5	199.9	228.1	200.2	144.6	102.8
95°	282.7	233.9	282.7	331.5	343.7	451.3	594.9	666.6	563.0	355.8	200.4
97.5°	677.4	584.6	677.4	770.3	793.5	861.6	952.3	997.6	824.8	479.3	220.1
100°	976.0	865.4	976.0	1086.6	1114.3	1109.3	1102.7	1099.3	907.6	524.2	236.6
102.5°	1269.7	1175.0	1269.7	1364.6	1388.2	1301.5	1186.0	1128.1	933.7	544.8	253.2
105°	1644.3	1593.4	1644.3	1695.2	1707.9	1513.6	1254.5	1125.0	936.7	560.1	277.7
107.5°	1889.7	1902.0	1889.7	1877.3	1874.2	1603.1	1241.7	1061.0	895.0	563.0	313.9
110°	1983.2	2036.2	1983.2	1930.1	1916.8	1613.8	1209.7	1007.7	858.1	558.7	334.1





TEST NUMBER: P935337

CATALOG NUMBER: SQ4-FA-100U-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°	1991.5	2073.0	1991.5	1910.0	1889.7	1579.5	1166.0	959.2	825.8	558.9	358.6
115°	1938.7	2051.7	1938.7	1825.8	1797.5	1498.7	1100.3	901.1	788.7	564.0	395.4
117.5°	1826.7	1952.0	1826.7	1701.4	1670.1	1400.4	1040.9	861.1	765.6	574.4	431.1
120°	1736.5	1858.2	1736.5	1614.7	1584.3	1337.9	1009.4	845.2	757.8	583.0	451.9
122.5°	1648.6	1768.7	1648.6	1528.5	1498.5	1276.7	980.9	832.9	753.7	595.2	476.4
125°	1523.3	1633.9	1523.3	1412.7	1385.1	1196.5	945.3	819.6	750.4	611.8	507.9
127.5°	1410.6	1503.9	1410.6	1317.2	1293.9	1132.1	916.3	808.4	748.4	628.3	538.3
130°	1344.1	1430.3	1344.1	1257.9	1236.4	1092.3	900.2	804.2	749.6	640.4	558.5
132.5°	1283.8	1361.1	1283.8	1206.6	1187.3	1058.4	886.4	800.4	750.4	650.2	575.0
135°	1201.2	1267.8	1201.2	1134.7	1118.1	1010.0	866.0	794.0	749.6	660.8	594.2
137.5°	1135.0	1189.5	1135.0	1080.5	1066.9	975.6	853.9	793.0	754.3	676.8	618.7
140°	1089.5	1140.4	1089.5	1038.5	1025.8	947.0	841.8	789.2	755.0	686.5	635.2
142.5°	1051.9	1095.7	1051.9	1008.0	997.0	927.8	835.4	789.2	757.7	694.7	647.5
145°	995.4	1028.5	995.4	962.2	953.9	897.3	821.7	783.9	757.8	705.4	666.1
147.5°	952.0	979.5	952.0	924.5	917.7	873.1	813.6	783.9	762.9	721.0	689.5
150°	924.7	947.0	924.7	902.4	896.8	859.2	809.0	783.9	765.6	729.2	701.8
152.5°	901.4	918.2	901.4	884.5	880.3	848.2	805.4	783.9	767.4	734.6	709.9
155°	874.5	885.6	874.5	863.4	860.6	835.1	801.0	783.9	771.4	746.3	727.4
157.5°	853.4	861.1	853.4	845.6	843.6	823.7	797.2	783.9	775.3	758.0	745.0
160°	840.7	845.2	840.7	836.2	835.1	818.0	795.3	783.9	777.1	763.3	753.0
162.5°	832.3	836.6	832.3	828.1	827.1	812.7	793.5	783.9	779.0	769.0	761.5
165°	820.5	824.9	820.5	815.9	814.8	804.5	790.8	783.9	781.7	777.2	773.8
167.5°	811.8	813.7	811.8	810.0	809.5	802.7	793.7	789.2	787.3	783.5	780.7
170°	809.5	809.5	809.5	809.5	809.5	802.7	793.7	789.2	789.1	788.9	788.7
172.5°	803.1	801.5	803.1	804.8	805.2	799.9	792.8	789.2	789.2	789.2	789.2
175°	799.4	799.4	799.4	799.4	799.4	796.0	791.4	789.2	790.2	792.4	794.0
177.5°	795.9	794.0	795.9	797.8	798.3	795.6	792.1	790.3	791.2	792.8	794.0
180°	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0



TEST NUMBER: P935337

CATALOG NUMBER: SQ4-FA-100U-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°	13.8	9.6	5.3	9.6	13.8	14.9	23.5	34.8	40.5	36.0	27.0
92.5°	93.8	57.6	21.4	57.6	93.8	102.8	144.6	200.2	228.1	199.9	143.5
95°	183.8	117.4	51.2	117.4	183.8	200.4	355.8	563.0	666.6	594.9	451.3
97.5°	205.5	147.0	88.5	147.0	205.5	220.1	479.3	824.8	997.6	952.3	861.6
100°	223.4	170.3	117.3	170.3	223.4	236.6	524.2	907.6	1099.3	1102.7	1109.3
102.5°	240.8	191.3	141.8	191.3	240.8	253.2	544.8	933.7	1128.1	1186.0	1301.5
105°	267.2	225.2	183.3	225.2	267.2	277.7	560.1	936.7	1125.0	1254.5	1513.6
107.5°	304.2	265.0	225.9	265.0	304.2	313.9	563.0	895.0	1061.0	1241.7	1603.1
110°	325.3	290.0	254.7	290.0	325.3	334.1	558.7	858.1	1007.7	1209.7	1613.8



TEST NUMBER: P935337

CATALOG NUMBER: SQ4-FA-100U-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°	350.3	316.6	283.0	316.6	350.3	358.6	558.9	825.8	959.2	1166.0	1579.5
115°	387.6	356.6	325.6	356.6	387.6	395.4	564.0	788.7	901.1	1100.3	1498.7
117.5°	424.1	395.9	367.7	395.9	424.1	431.1	574.4	765.6	861.1	1040.9	1400.4
120°	445.3	418.8	392.2	418.8	445.3	451.9	583.0	757.8	845.2	1009.4	1337.9
122.5°	469.8	443.0	416.2	443.0	469.8	476.4	595.2	753.7	832.9	980.9	1276.7
125°	501.8	477.4	452.9	477.4	501.8	507.9	611.8	750.4	819.6	945.3	1196.5
127.5°	532.1	507.4	482.8	507.4	532.1	538.3	628.3	748.4	808.4	916.3	1132.1
130°	551.9	525.4	498.8	525.4	551.9	558.5	640.4	749.6	804.2	900.2	1092.3
132.5°	568.3	541.9	515.3	541.9	568.3	575.0	650.2	750.4	800.4	886.4	1058.4
135°	588.2	564.0	539.8	564.0	588.2	594.2	660.8	749.6	794.0	866.0	1010.0
137.5°	612.8	588.8	564.8	588.8	612.8	618.7	676.8	754.3	793.0	853.9	975.6
140°	629.7	607.7	585.7	607.7	629.7	635.2	686.5	755.0	789.2	841.8	947.0
142.5°	642.4	622.1	601.6	622.1	642.4	647.5	694.7	757.7	789.2	835.4	927.8
145°	661.7	643.9	626.2	643.9	661.7	666.1	705.4	757.8	783.9	821.7	897.3
147.5°	685.2	667.9	650.7	667.9	685.2	689.5	721.0	762.9	783.9	813.6	873.1
150°	697.9	682.3	666.6	682.3	697.9	701.8	729.2	765.6	783.9	809.0	859.2
152.5°	706.9	695.1	683.2	695.1	706.9	709.9	734.6	767.4	783.9	805.4	848.2
155°	725.2	716.4	707.7	716.4	725.2	727.4	746.3	771.4	783.9	801.0	835.1
157.5°	742.8	734.4	725.8	734.4	742.8	745.0	758.0	775.3	783.9	797.2	823.7
160°	751.4	744.7	738.1	744.7	751.4	753.0	763.3	777.1	783.9	795.3	818.0
162.5°	760.3	755.3	750.4	755.3	760.3	761.5	769.0	779.0	783.9	793.5	812.7
165°	772.6	768.1	763.7	768.1	772.6	773.8	777.2	781.7	783.9	790.8	804.5
167.5°	780.2	778.0	775.9	778.0	780.2	780.7	783.5	787.3	789.2	793.7	802.7
170°	788.2	786.1	783.9	786.1	788.2	788.7	788.9	789.1	789.2	793.7	802.7
172.5°	789.1	788.6	788.2	788.6	789.1	789.2	789.2	789.2	789.2	792.8	799.9
175°	794.0	794.0	794.0	794.0	794.0	794.0	792.4	790.2	789.2	791.4	796.0
177.5°	794.0	794.0	794.0	794.0	794.0	794.0	792.8	791.2	790.3	792.1	795.6
180°	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0



TEST NUMBER: P935337

CATALOG NUMBER: SQ4-FA-100U-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°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	27.0	36.0	40.5	34.8
92.5°	101.2	97.2	81.1	65.0	81.1	97.2	101.2	143.5	199.9	228.1	200.2
95°	343.7	331.5	282.7	233.9	282.7	331.5	343.7	451.3	594.9	666.6	563.0
97.5°	793.5	770.3	677.4	584.6	677.4	770.3	793.5	861.6	952.3	997.6	824.8
100°	1114.3	1086.6	976.0	865.4	976.0	1086.6	1114.3	1109.3	1102.7	1099.3	907.6
102.5°	1388.2	1364.6	1269.7	1175.0	1269.7	1364.6	1388.2	1301.5	1186.0	1128.1	933.7
105°	1707.9	1695.2	1644.3	1593.4	1644.3	1695.2	1707.9	1513.6	1254.5	1125.0	936.7
107.5°	1874.2	1877.3	1889.7	1902.0	1889.7	1877.3	1874.2	1603.1	1241.7	1061.0	895.0
110°	1916.8	1930.1	1983.2	2036.2	1983.2	1930.1	1916.8	1613.8	1209.7	1007.7	858.1



TEST NUMBER: P935337

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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1889.7	1910.0	1991.5	2073.0	1991.5	1910.0	1889.7	1579.5	1166.0	959.2	825.8
115°	1797.5	1825.8	1938.7	2051.7	1938.7	1825.8	1797.5	1498.7	1100.3	901.1	788.7
117.5°	1670.1	1701.4	1826.7	1952.0	1826.7	1701.4	1670.1	1400.4	1040.9	861.1	765.6
120°	1584.3	1614.7	1736.5	1858.2	1736.5	1614.7	1584.3	1337.9	1009.4	845.2	757.8
122.5°	1498.5	1528.5	1648.6	1768.7	1648.6	1528.5	1498.5	1276.7	980.9	832.9	753.7
125°	1385.1	1412.7	1523.3	1633.9	1523.3	1412.7	1385.1	1196.5	945.3	819.6	750.4
127.5°	1293.9	1317.2	1410.6	1503.9	1410.6	1317.2	1293.9	1132.1	916.3	808.4	748.4
130°	1236.4	1257.9	1344.1	1430.3	1344.1	1257.9	1236.4	1092.3	900.2	804.2	749.6
132.5°	1187.3	1206.6	1283.8	1361.1	1283.8	1206.6	1187.3	1058.4	886.4	800.4	750.4
135°	1118.1	1134.7	1201.2	1267.8	1201.2	1134.7	1118.1	1010.0	866.0	794.0	749.6
137.5°	1066.9	1080.5	1135.0	1189.5	1135.0	1080.5	1066.9	975.6	853.9	793.0	754.3
140°	1025.8	1038.5	1089.5	1140.4	1089.5	1038.5	1025.8	947.0	841.8	789.2	755.0
142.5°	997.0	1008.0	1051.9	1095.7	1051.9	1008.0	997.0	927.8	835.4	789.2	757.7
145°	953.9	962.2	995.4	1028.5	995.4	962.2	953.9	897.3	821.7	783.9	757.8
147.5°	917.7	924.5	952.0	979.5	952.0	924.5	917.7	873.1	813.6	783.9	762.9
150°	896.8	902.4	924.7	947.0	924.7	902.4	896.8	859.2	809.0	783.9	765.6
152.5°	880.3	884.5	901.4	918.2	901.4	884.5	880.3	848.2	805.4	783.9	767.4
155°	860.6	863.4	874.5	885.6	874.5	863.4	860.6	835.1	801.0	783.9	771.4
157.5°	843.6	845.6	853.4	861.1	853.4	845.6	843.6	823.7	797.2	783.9	775.3
160°	835.1	836.2	840.7	845.2	840.7	836.2	835.1	818.0	795.3	783.9	777.1
162.5°	827.1	828.1	832.3	836.6	832.3	828.1	827.1	812.7	793.5	783.9	779.0
165°	814.8	815.9	820.5	824.9	820.5	815.9	814.8	804.5	790.8	783.9	781.7
167.5°	809.5	810.0	811.8	813.7	811.8	810.0	809.5	802.7	793.7	789.2	787.3
170°	809.5	809.5	809.5	809.5	809.5	809.5	809.5	802.7	793.7	789.2	789.1
172.5°	805.2	804.8	803.1	801.5	803.1	804.8	805.2	799.9	792.8	789.2	789.2
175°	799.4	799.4	799.4	799.4	799.4	799.4	799.4	796.0	791.4	789.2	790.2
177.5°	798.3	797.8	795.9	794.0	795.9	797.8	798.3	795.6	792.1	790.3	791.2
180°	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0	794.0



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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°	23.5	14.9	13.8	9.6	5.3
92.5°	144.6	102.8	93.8	57.6	21.4
95°	355.8	200.4	183.8	117.4	51.2
97.5°	479.3	220.1	205.5	147.0	88.5
100°	524.2	236.6	223.4	170.3	117.3
102.5°	544.8	253.2	240.8	191.3	141.8
105°	560.1	277.7	267.2	225.2	183.3
107.5°	563.0	313.9	304.2	265.0	225.9
110°	558.7	334.1	325.3	290.0	254.7



TEST NUMBER: P935337

CATALOG NUMBER: SQ4-FA-100U-125D-92765-1D-UNV-STD-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	558.9	358.6	350.3	316.6	283.0
115°	564.0	395.4	387.6	356.6	325.6
117.5°	574.4	431.1	424.1	395.9	367.7
120°	583.0	451.9	445.3	418.8	392.2
122.5°	595.2	476.4	469.8	443.0	416.2
125°	611.8	507.9	501.8	477.4	452.9
127.5°	628.3	538.3	532.1	507.4	482.8
130°	640.4	558.5	551.9	525.4	498.8
132.5°	650.2	575.0	568.3	541.9	515.3
135°	660.8	594.2	588.2	564.0	539.8
137.5°	676.8	618.7	612.8	588.8	564.8
140°	686.5	635.2	629.7	607.7	585.7
142.5°	694.7	647.5	642.4	622.1	601.6
145°	705.4	666.1	661.7	643.9	626.2
147.5°	721.0	689.5	685.2	667.9	650.7
150°	729.2	701.8	697.9	682.3	666.6
152.5°	734.6	709.9	706.9	695.1	683.2
155°	746.3	727.4	725.2	716.4	707.7
157.5°	758.0	745.0	742.8	734.4	725.8
160°	763.3	753.0	751.4	744.7	738.1
162.5°	769.0	761.5	760.3	755.3	750.4
165°	777.2	773.8	772.6	768.1	763.7
167.5°	783.5	780.7	780.2	778.0	775.9
170°	788.9	788.7	788.2	786.1	783.9
172.5°	789.2	789.2	789.1	788.6	788.2
175°	792.4	794.0	794.0	794.0	794.0
177.5°	792.8	794.0	794.0	794.0	794.0
180°	794.0	794.0	794.0	794.0	794.0



TEST NUMBER: P935337  
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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	14.34	15.24	15.27	16.18	17.40	17.17	18.06	18.09	19.00	20.22
	3H	14.82	15.62	15.76	16.57	17.82	18.51	19.31	19.45	20.27	21.51
	4H	15.01	15.77	15.97	16.73	17.98	18.96	19.71	19.91	20.67	21.92
	6H	15.13	15.83	16.10	16.80	18.06	19.24	19.94	20.20	20.90	22.17
	8H	15.14	15.80	16.11	16.78	18.04	19.32	19.98	20.29	20.96	22.22
	12H	15.11	15.74	16.08	16.72	18.00	19.36	19.99	20.33	20.96	22.25
4H	2H	15.38	16.13	16.33	17.09	18.34	17.58	18.34	18.54	19.29	20.55
	3H	16.41	17.04	17.37	18.03	19.29	19.09	19.72	20.05	20.71	21.97
	4H	16.68	17.26	17.66	18.24	19.53	19.61	20.19	20.59	21.17	22.46
	6H	16.81	17.31	17.80	18.31	19.60	19.98	20.48	20.97	21.48	22.77
	8H	16.82	17.28	17.81	18.28	19.58	20.09	20.55	21.08	21.55	22.85
	12H	16.79	17.20	17.80	18.22	19.53	20.14	20.56	21.15	21.58	22.89
8H	4H	17.14	17.60	18.13	18.60	19.90	19.74	20.21	20.73	21.20	22.51
	6H	17.40	17.79	18.42	18.83	20.13	20.18	20.56	21.19	21.60	22.90
	8H	17.44	17.78	18.47	18.81	20.13	20.33	20.67	21.35	21.69	23.01
	12H	17.43	17.73	18.46	18.75	20.11	20.43	20.73	21.46	21.75	23.11
12H	4H	17.15	17.57	18.16	18.58	19.89	19.71	20.13	20.72	21.14	22.45
	6H	17.46	17.80	18.49	18.83	20.15	20.18	20.51	21.20	21.54	22.86
	8H	17.53	17.83	18.56	18.85	20.21	20.34	20.64	21.37	21.66	23.02