

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: P934937

Luminaire Tested: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

**Test Information**

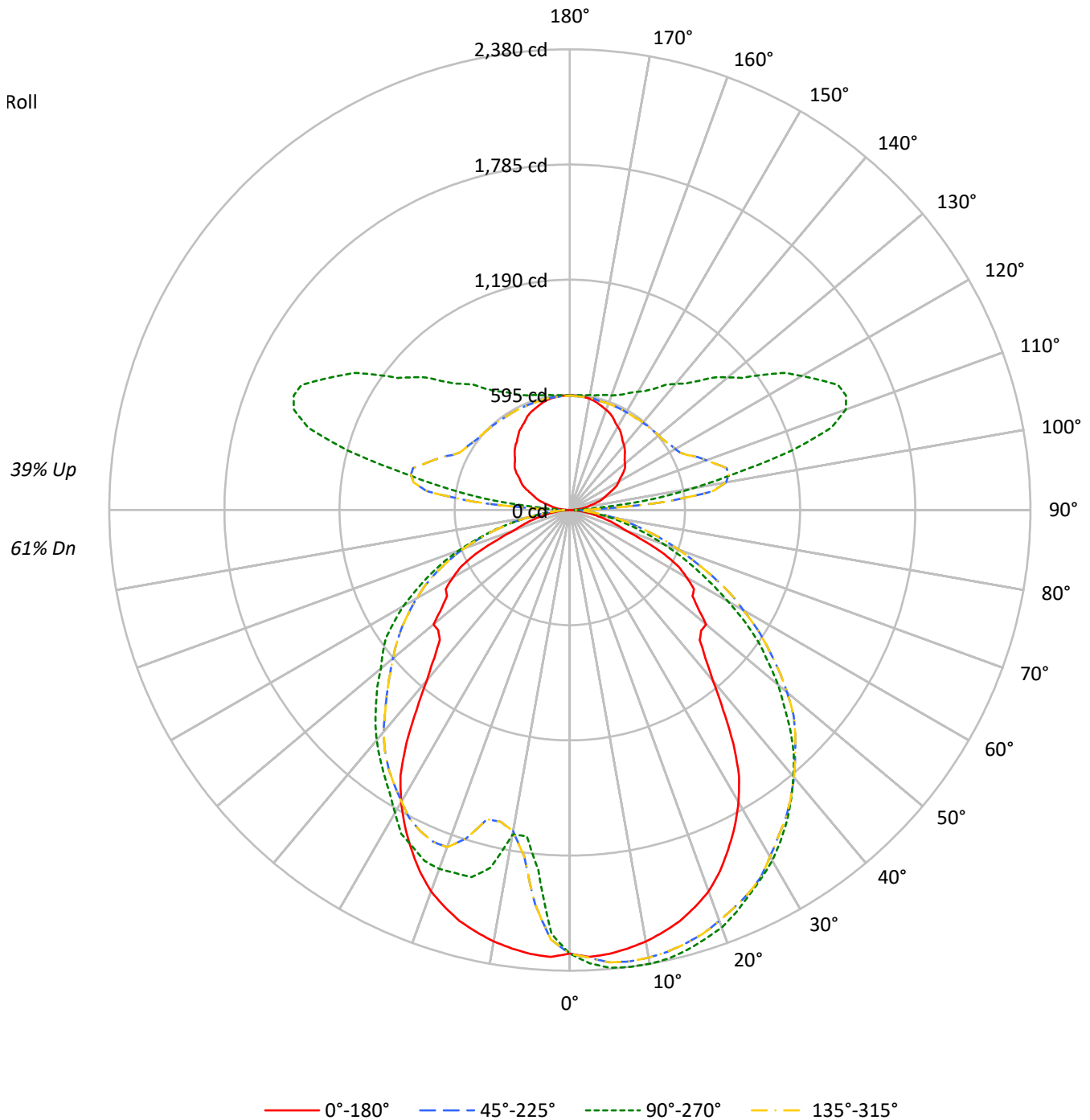
Test Method: LM-79-2019  
Report Number: P934937  
REPORT IS A COMBINATION OF REPORTS P933719 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-2700K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9779.8 lumens  
Efficiency: N/A  
Efficacy: 105.2 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: Semi-Direct  
  
Input Watts (W): 93  
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

TEST NUMBER: P934937  
CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-2700K

### Luminous Intensity Polar Plot





TEST NUMBER: P934937

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-2700K

**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	110	110	110	110	103	103	103	103	89	89	89	77	77	77	66	66	66	61
1	100	96	92	88	94	90	86	83	79	76	74	68	66	65	59	57	56	51
2	91	84	78	72	85	79	73	68	69	65	61	60	57	54	52	49	47	43
3	83	74	66	60	78	69	63	57	61	56	51	53	49	46	46	43	40	36
4	76	65	57	51	71	61	54	49	54	48	44	47	43	39	41	37	35	31
5	70	58	50	44	65	55	47	42	48	42	38	42	38	34	37	33	30	27
6	65	52	44	38	60	49	42	36	44	37	33	38	33	30	33	29	26	24
7	60	47	39	33	56	45	37	32	39	33	29	35	30	26	30	26	23	21
8	55	43	35	29	52	40	33	28	36	30	26	32	27	23	28	24	21	19
9	52	39	31	26	48	37	30	25	33	27	23	29	24	21	26	22	19	17
10	48	36	29	24	45	34	27	23	30	25	21	27	22	19	24	20	17	15

**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



TEST NUMBER: P934937

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-2700K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	206.8	2.1
10°-20°	587.3	6.0
20°-30°	907.8	9.3
30°-40°	1083.8	11.1
40°-50°	1090.1	11.1
50°-60°	948.5	9.7
60°-70°	672.5	6.9
70°-80°	355.8	3.6
80°-90°	90.9	0.9
90°-100°	288.4	2.9
100°-110°	758.4	7.8
110°-120°	786.3	8.0
120°-130°	630.7	6.4
130°-140°	494.9	5.1
140°-150°	379.9	3.9
150°-160°	273.6	2.8
160°-170°	167.4	1.7
170°-180°	56.5	0.6
0°-30°	1702.0	17.4
0°-40°	2785.7	28.5
0°-60°	4824.4	49.3
0°-90°	5943.6	60.8
90°-120°	1833.2	18.7
90°-150°	3338.7	34.1
90°-180°	3836.0	39.2
0°-180°	9779.8	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°	4	15	4	15	4	5
95°	38	174	38	174	38	42
105°	137	1188	137	1188	137	145
115°	243	1529	243	1529	243	240
125°	338	1218	338	1218	338	300
135°	402	945	402	945	402	311
145°	467	766	467	766	467	292
155°	527	660	527	660	527	242
165°	569	615	569	615	569	161
175°	592	596	592	596	592	56
180°	592	592	592	592	592	



TEST NUMBER: P934937

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-2700K

**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°	3.9	7.1	10.3	11.1	17.4	25.9	30.2	26.8	20.2	15.1	15.1
92.5°	15.9	42.9	69.9	76.6	107.7	149.2	170.0	149.0	106.9	75.4	72.4
95°	38.1	87.5	136.9	149.3	265.1	419.6	496.8	443.4	336.4	256.2	247.1
97.5°	65.9	109.5	153.1	164.0	357.2	614.7	743.5	709.7	642.1	591.4	574.1
100°	87.4	126.9	166.5	176.4	390.7	676.5	819.4	821.8	826.8	830.5	809.9
102.5°	105.7	142.6	179.5	188.7	406.1	695.9	840.8	883.9	970.0	1034.6	1016.9
105°	136.7	167.9	199.2	207.0	417.4	698.1	838.4	934.9	1128.0	1272.9	1263.4
107.5°	168.4	197.6	226.7	233.9	419.5	667.0	790.8	925.4	1194.8	1396.8	1399.1
110°	189.9	216.2	242.4	249.0	416.3	639.5	751.0	901.6	1202.8	1428.6	1438.5



TEST NUMBER: P934937

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	210.9	235.9	261.0	267.3	416.5	615.4	714.9	869.0	1177.2	1408.3	1423.5
115°	242.7	265.8	288.9	294.7	420.3	587.8	671.6	820.0	1116.9	1339.6	1360.6
117.5°	274.0	295.0	316.0	321.3	428.2	570.6	641.8	775.8	1043.7	1244.7	1268.0
120°	292.3	312.1	331.8	336.8	434.5	564.7	629.9	752.3	997.1	1180.7	1203.5
122.5°	310.2	330.1	350.1	355.1	443.6	561.8	620.8	731.0	951.4	1116.8	1139.2
125°	337.6	355.7	373.9	378.5	455.9	559.2	610.9	704.5	891.8	1032.2	1052.8
127.5°	359.8	378.2	396.5	401.1	468.2	557.7	602.5	682.9	843.7	964.3	981.7
130°	371.7	391.5	411.3	416.2	477.3	558.7	599.3	670.9	814.1	921.4	937.5
132.5°	384.0	403.8	423.6	428.5	484.5	559.2	596.5	660.6	788.8	884.9	899.2
135°	402.3	420.3	438.3	442.9	492.5	558.7	591.7	645.4	752.7	833.2	845.6
137.5°	421.0	438.8	456.6	461.1	504.4	562.1	591.0	636.3	727.0	795.1	805.3
140°	436.5	452.9	469.3	473.4	511.7	562.7	588.2	627.4	705.8	764.5	774.0
142.5°	448.4	463.6	478.8	482.6	517.8	564.7	588.2	622.6	691.4	743.1	751.3
145°	466.7	479.9	493.1	496.4	525.7	564.7	584.2	612.4	668.7	710.9	717.0
147.5°	484.9	497.8	510.7	513.9	537.3	568.6	584.2	606.3	650.7	683.9	689.0
150°	496.8	508.5	520.2	523.1	543.5	570.6	584.2	602.9	640.3	668.4	672.6
152.5°	509.1	518.0	526.8	529.0	547.4	571.9	584.2	600.2	632.1	656.1	659.3
155°	527.4	533.9	540.5	542.1	556.1	574.8	584.2	597.0	622.4	641.5	643.5
157.5°	540.9	547.3	553.6	555.3	564.9	577.8	584.2	594.1	613.9	628.7	630.2
160°	550.1	555.0	560.0	561.2	568.8	579.1	584.2	592.7	609.6	622.3	623.2
162.5°	559.2	563.0	566.6	567.6	573.1	580.6	584.2	591.4	605.7	616.4	617.2
165°	569.1	572.5	575.9	576.7	579.2	582.5	584.2	589.3	599.6	607.3	608.1
167.5°	578.2	579.9	581.4	581.8	584.0	586.8	588.2	591.5	598.2	603.3	603.6
170°	584.2	585.8	587.4	587.8	587.9	588.1	588.2	591.5	598.2	603.3	603.3
172.5°	587.4	587.7	588.1	588.2	588.2	588.2	588.2	590.8	596.1	600.1	599.8
175°	591.7	591.7	591.7	591.7	590.5	588.9	588.2	589.9	593.2	595.8	595.8
177.5°	591.7	591.7	591.7	591.7	590.8	589.6	589.0	590.4	593.0	595.0	594.6
180°	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7



TEST NUMBER: P934937

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-2700K

**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°	15.1	15.1	15.1	15.1	15.1	20.2	26.8	30.2	25.9	17.4	11.1
92.5°	60.4	48.4	60.4	72.4	75.4	106.9	149.0	170.0	149.2	107.7	76.6
95°	210.7	174.3	210.7	247.1	256.2	336.4	443.4	496.8	419.6	265.1	149.3
97.5°	504.9	435.7	504.9	574.1	591.4	642.1	709.7	743.5	614.7	357.2	164.0
100°	727.4	645.0	727.4	809.9	830.5	826.8	821.8	819.4	676.5	390.7	176.4
102.5°	946.4	875.7	946.4	1016.9	1034.6	970.0	883.9	840.8	695.9	406.1	188.7
105°	1225.4	1187.5	1225.4	1263.4	1272.9	1128.0	934.9	838.4	698.1	417.4	207.0
107.5°	1408.3	1417.4	1408.3	1399.1	1396.8	1194.8	925.4	790.8	667.0	419.5	233.9
110°	1478.0	1517.5	1478.0	1438.5	1428.6	1202.8	901.6	751.0	639.5	416.3	249.0





TEST NUMBER: P934937

CATALOG NUMBER: SQ4-FA-075U-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°	1484.2	1544.9	1484.2	1423.5	1408.3	1177.2	869.0	714.9	615.4	416.5	267.3
115°	1444.8	1529.1	1444.8	1360.6	1339.6	1116.9	820.0	671.6	587.8	420.3	294.7
117.5°	1361.4	1454.8	1361.4	1268.0	1244.7	1043.7	775.8	641.8	570.6	428.2	321.3
120°	1294.2	1384.9	1294.2	1203.5	1180.7	997.1	752.3	629.9	564.7	434.5	336.8
122.5°	1228.7	1318.2	1228.7	1139.2	1116.8	951.4	731.0	620.8	561.8	443.6	355.1
125°	1135.3	1217.7	1135.3	1052.8	1032.2	891.8	704.5	610.9	559.2	455.9	378.5
127.5°	1051.3	1120.8	1051.3	981.7	964.3	843.7	682.9	602.5	557.7	468.2	401.1
130°	1001.7	1066.0	1001.7	937.5	921.4	814.1	670.9	599.3	558.7	477.3	416.2
132.5°	956.8	1014.4	956.8	899.2	884.9	788.8	660.6	596.5	559.2	484.5	428.5
135°	895.2	944.8	895.2	845.6	833.2	752.7	645.4	591.7	558.7	492.5	442.9
137.5°	845.8	886.5	845.8	805.3	795.1	727.0	636.3	591.0	562.1	504.4	461.1
140°	812.0	849.9	812.0	774.0	764.5	705.8	627.4	588.2	562.7	511.7	473.4
142.5°	783.9	816.5	783.9	751.3	743.1	691.4	622.6	588.2	564.7	517.8	482.6
145°	741.8	766.5	741.8	717.0	710.9	668.7	612.4	584.2	564.7	525.7	496.4
147.5°	709.4	729.9	709.4	689.0	683.9	650.7	606.3	584.2	568.6	537.3	513.9
150°	689.2	705.8	689.2	672.6	668.4	640.3	602.9	584.2	570.6	543.5	523.1
152.5°	671.8	684.3	671.8	659.3	656.1	632.1	600.2	584.2	571.9	547.4	529.0
155°	651.8	660.1	651.8	643.5	641.5	622.4	597.0	584.2	574.8	556.1	542.1
157.5°	636.0	641.8	636.0	630.2	628.7	613.9	594.1	584.2	577.8	564.9	555.3
160°	626.5	629.9	626.5	623.2	622.3	609.6	592.7	584.2	579.1	568.8	561.2
162.5°	620.4	623.5	620.4	617.2	616.4	605.7	591.4	584.2	580.6	573.1	567.6
165°	611.5	614.8	611.5	608.1	607.3	599.6	589.3	584.2	582.5	579.2	576.7
167.5°	605.1	606.4	605.1	603.6	603.3	598.2	591.5	588.2	586.8	584.0	581.8
170°	603.3	603.3	603.3	603.3	603.3	598.2	591.5	588.2	588.1	587.9	587.8
172.5°	598.6	597.3	598.6	599.8	600.1	596.1	590.8	588.2	588.2	588.2	588.2
175°	595.8	595.8	595.8	595.8	595.8	593.2	589.9	588.2	588.9	590.5	591.7
177.5°	593.2	591.7	593.2	594.6	595.0	593.0	590.4	589.0	589.6	590.8	591.7
180°	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7



TEST NUMBER: P934937

CATALOG NUMBER: SQ4-FA-075U-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°	10.3	7.1	3.9	7.1	10.3	11.1	17.4	25.9	30.2	26.8	20.2
92.5°	69.9	42.9	15.9	42.9	69.9	76.6	107.7	149.2	170.0	149.0	106.9
95°	136.9	87.5	38.1	87.5	136.9	149.3	265.1	419.6	496.8	443.4	336.4
97.5°	153.1	109.5	65.9	109.5	153.1	164.0	357.2	614.7	743.5	709.7	642.1
100°	166.5	126.9	87.4	126.9	166.5	176.4	390.7	676.5	819.4	821.8	826.8
102.5°	179.5	142.6	105.7	142.6	179.5	188.7	406.1	695.9	840.8	883.9	970.0
105°	199.2	167.9	136.7	167.9	199.2	207.0	417.4	698.1	838.4	934.9	1128.0
107.5°	226.7	197.6	168.4	197.6	226.7	233.9	419.5	667.0	790.8	925.4	1194.8
110°	242.4	216.2	189.9	216.2	242.4	249.0	416.3	639.5	751.0	901.6	1202.8



TEST NUMBER: P934937

CATALOG NUMBER: SQ4-FA-075U-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°	261.0	235.9	210.9	235.9	261.0	267.3	416.5	615.4	714.9	869.0	1177.2
115°	288.9	265.8	242.7	265.8	288.9	294.7	420.3	587.8	671.6	820.0	1116.9
117.5°	316.0	295.0	274.0	295.0	316.0	321.3	428.2	570.6	641.8	775.8	1043.7
120°	331.8	312.1	292.3	312.1	331.8	336.8	434.5	564.7	629.9	752.3	997.1
122.5°	350.1	330.1	310.2	330.1	350.1	355.1	443.6	561.8	620.8	731.0	951.4
125°	373.9	355.7	337.6	355.7	373.9	378.5	455.9	559.2	610.9	704.5	891.8
127.5°	396.5	378.2	359.8	378.2	396.5	401.1	468.2	557.7	602.5	682.9	843.7
130°	411.3	391.5	371.7	391.5	411.3	416.2	477.3	558.7	599.3	670.9	814.1
132.5°	423.6	403.8	384.0	403.8	423.6	428.5	484.5	559.2	596.5	660.6	788.8
135°	438.3	420.3	402.3	420.3	438.3	442.9	492.5	558.7	591.7	645.4	752.7
137.5°	456.6	438.8	421.0	438.8	456.6	461.1	504.4	562.1	591.0	636.3	727.0
140°	469.3	452.9	436.5	452.9	469.3	473.4	511.7	562.7	588.2	627.4	705.8
142.5°	478.8	463.6	448.4	463.6	478.8	482.6	517.8	564.7	588.2	622.6	691.4
145°	493.1	479.9	466.7	479.9	493.1	496.4	525.7	564.7	584.2	612.4	668.7
147.5°	510.7	497.8	484.9	497.8	510.7	513.9	537.3	568.6	584.2	606.3	650.7
150°	520.2	508.5	496.8	508.5	520.2	523.1	543.5	570.6	584.2	602.9	640.3
152.5°	526.8	518.0	509.1	518.0	526.8	529.0	547.4	571.9	584.2	600.2	632.1
155°	540.5	533.9	527.4	533.9	540.5	542.1	556.1	574.8	584.2	597.0	622.4
157.5°	553.6	547.3	540.9	547.3	553.6	555.3	564.9	577.8	584.2	594.1	613.9
160°	560.0	555.0	550.1	555.0	560.0	561.2	568.8	579.1	584.2	592.7	609.6
162.5°	566.6	563.0	559.2	563.0	566.6	567.6	573.1	580.6	584.2	591.4	605.7
165°	575.9	572.5	569.1	572.5	575.9	576.7	579.2	582.5	584.2	589.3	599.6
167.5°	581.4	579.9	578.2	579.9	581.4	581.8	584.0	586.8	588.2	591.5	598.2
170°	587.4	585.8	584.2	585.8	587.4	587.8	587.9	588.1	588.2	591.5	598.2
172.5°	588.1	587.7	587.4	587.7	588.1	588.2	588.2	588.2	588.2	590.8	596.1
175°	591.7	591.7	591.7	591.7	591.7	591.7	590.5	588.9	588.2	589.9	593.2
177.5°	591.7	591.7	591.7	591.7	591.7	591.7	590.8	589.6	589.0	590.4	593.0
180°	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7



TEST NUMBER: P934937

CATALOG NUMBER: SQ4-FA-075U-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°	15.1	15.1	15.1	15.1	15.1	15.1	15.1	20.2	26.8	30.2	25.9
92.5°	75.4	72.4	60.4	48.4	60.4	72.4	75.4	106.9	149.0	170.0	149.2
95°	256.2	247.1	210.7	174.3	210.7	247.1	256.2	336.4	443.4	496.8	419.6
97.5°	591.4	574.1	504.9	435.7	504.9	574.1	591.4	642.1	709.7	743.5	614.7
100°	830.5	809.9	727.4	645.0	727.4	809.9	830.5	826.8	821.8	819.4	676.5
102.5°	1034.6	1016.9	946.4	875.7	946.4	1016.9	1034.6	970.0	883.9	840.8	695.9
105°	1272.9	1263.4	1225.4	1187.5	1225.4	1263.4	1272.9	1128.0	934.9	838.4	698.1
107.5°	1396.8	1399.1	1408.3	1417.4	1408.3	1399.1	1396.8	1194.8	925.4	790.8	667.0
110°	1428.6	1438.5	1478.0	1517.5	1478.0	1438.5	1428.6	1202.8	901.6	751.0	639.5



TEST NUMBER: P934937

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1408.3	1423.5	1484.2	1544.9	1484.2	1423.5	1408.3	1177.2	869.0	714.9	615.4
115°	1339.6	1360.6	1444.8	1529.1	1444.8	1360.6	1339.6	1116.9	820.0	671.6	587.8
117.5°	1244.7	1268.0	1361.4	1454.8	1361.4	1268.0	1244.7	1043.7	775.8	641.8	570.6
120°	1180.7	1203.5	1294.2	1384.9	1294.2	1203.5	1180.7	997.1	752.3	629.9	564.7
122.5°	1116.8	1139.2	1228.7	1318.2	1228.7	1139.2	1116.8	951.4	731.0	620.8	561.8
125°	1032.2	1052.8	1135.3	1217.7	1135.3	1052.8	1032.2	891.8	704.5	610.9	559.2
127.5°	964.3	981.7	1051.3	1120.8	1051.3	981.7	964.3	843.7	682.9	602.5	557.7
130°	921.4	937.5	1001.7	1066.0	1001.7	937.5	921.4	814.1	670.9	599.3	558.7
132.5°	884.9	899.2	956.8	1014.4	956.8	899.2	884.9	788.8	660.6	596.5	559.2
135°	833.2	845.6	895.2	944.8	895.2	845.6	833.2	752.7	645.4	591.7	558.7
137.5°	795.1	805.3	845.8	886.5	845.8	805.3	795.1	727.0	636.3	591.0	562.1
140°	764.5	774.0	812.0	849.9	812.0	774.0	764.5	705.8	627.4	588.2	562.7
142.5°	743.1	751.3	783.9	816.5	783.9	751.3	743.1	691.4	622.6	588.2	564.7
145°	710.9	717.0	741.8	766.5	741.8	717.0	710.9	668.7	612.4	584.2	564.7
147.5°	683.9	689.0	709.4	729.9	709.4	689.0	683.9	650.7	606.3	584.2	568.6
150°	668.4	672.6	689.2	705.8	689.2	672.6	668.4	640.3	602.9	584.2	570.6
152.5°	656.1	659.3	671.8	684.3	671.8	659.3	656.1	632.1	600.2	584.2	571.9
155°	641.5	643.5	651.8	660.1	651.8	643.5	641.5	622.4	597.0	584.2	574.8
157.5°	628.7	630.2	636.0	641.8	636.0	630.2	628.7	613.9	594.1	584.2	577.8
160°	622.3	623.2	626.5	629.9	626.5	623.2	622.3	609.6	592.7	584.2	579.1
162.5°	616.4	617.2	620.4	623.5	620.4	617.2	616.4	605.7	591.4	584.2	580.6
165°	607.3	608.1	611.5	614.8	611.5	608.1	607.3	599.6	589.3	584.2	582.5
167.5°	603.3	603.6	605.1	606.4	605.1	603.6	603.3	598.2	591.5	588.2	586.8
170°	603.3	603.3	603.3	603.3	603.3	603.3	603.3	598.2	591.5	588.2	588.1
172.5°	600.1	599.8	598.6	597.3	598.6	599.8	600.1	596.1	590.8	588.2	588.2
175°	595.8	595.8	595.8	595.8	595.8	595.8	595.8	593.2	589.9	588.2	588.9
177.5°	595.0	594.6	593.2	591.7	593.2	594.6	595.0	593.0	590.4	589.0	589.6
180°	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7	591.7



TEST NUMBER: P934937

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-2700K

**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°	17.4	11.1	10.3	7.1	3.9
92.5°	107.7	76.6	69.9	42.9	15.9
95°	265.1	149.3	136.9	87.5	38.1
97.5°	357.2	164.0	153.1	109.5	65.9
100°	390.7	176.4	166.5	126.9	87.4
102.5°	406.1	188.7	179.5	142.6	105.7
105°	417.4	207.0	199.2	167.9	136.7
107.5°	419.5	233.9	226.7	197.6	168.4
110°	416.3	249.0	242.4	216.2	189.9



TEST NUMBER: P934937

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	416.5	267.3	261.0	235.9	210.9
115°	420.3	294.7	288.9	265.8	242.7
117.5°	428.2	321.3	316.0	295.0	274.0
120°	434.5	336.8	331.8	312.1	292.3
122.5°	443.6	355.1	350.1	330.1	310.2
125°	455.9	378.5	373.9	355.7	337.6
127.5°	468.2	401.1	396.5	378.2	359.8
130°	477.3	416.2	411.3	391.5	371.7
132.5°	484.5	428.5	423.6	403.8	384.0
135°	492.5	442.9	438.3	420.3	402.3
137.5°	504.4	461.1	456.6	438.8	421.0
140°	511.7	473.4	469.3	452.9	436.5
142.5°	517.8	482.6	478.8	463.6	448.4
145°	525.7	496.4	493.1	479.9	466.7
147.5°	537.3	513.9	510.7	497.8	484.9
150°	543.5	523.1	520.2	508.5	496.8
152.5°	547.4	529.0	526.8	518.0	509.1
155°	556.1	542.1	540.5	533.9	527.4
157.5°	564.9	555.3	553.6	547.3	540.9
160°	568.8	561.2	560.0	555.0	550.1
162.5°	573.1	567.6	566.6	563.0	559.2
165°	579.2	576.7	575.9	572.5	569.1
167.5°	584.0	581.8	581.4	579.9	578.2
170°	587.9	587.8	587.4	585.8	584.2
172.5°	588.2	588.2	588.1	587.7	587.4
175°	590.5	591.7	591.7	591.7	591.7
177.5°	590.8	591.7	591.7	591.7	591.7
180°	591.7	591.7	591.7	591.7	591.7



TEST NUMBER: P934937

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-2700K

**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	14.95	15.92	15.81	16.80	17.91	17.78	18.74	18.64	19.63	20.73
	3H	15.44	16.31	16.31	17.20	18.33	19.13	20.00	20.00	20.89	22.02
	4H	15.63	16.45	16.52	17.35	18.50	19.58	20.40	20.47	21.29	22.44
	6H	15.76	16.51	16.66	17.42	18.58	19.87	20.62	20.77	21.53	22.68
	8H	15.76	16.48	16.67	17.40	18.56	19.94	20.66	20.85	21.58	22.74
	12H	15.74	16.42	16.65	17.34	18.52	19.99	20.67	20.90	21.58	22.77
4H	2H	16.00	16.82	16.89	17.71	18.86	18.20	19.02	19.09	19.92	21.06
	3H	17.03	17.72	17.94	18.65	19.81	19.71	20.40	20.62	21.33	22.49
	4H	17.32	17.94	18.23	18.86	20.05	20.25	20.87	21.16	21.79	22.98
	6H	17.45	17.98	18.38	18.93	20.12	20.62	21.15	21.54	22.10	23.29
	8H	17.45	17.96	18.39	18.90	20.10	20.72	21.23	21.66	22.17	23.37
	12H	17.43	17.88	18.38	18.84	20.04	20.78	21.24	21.74	22.20	23.40
8H	4H	17.78	18.28	18.71	19.22	20.42	20.38	20.88	21.31	21.82	23.02
	6H	18.04	18.46	19.00	19.44	20.64	20.82	21.23	21.78	22.22	23.42
	8H	18.09	18.45	19.05	19.43	20.64	20.97	21.34	21.94	22.31	23.53
	12H	18.07	18.40	19.05	19.36	20.63	21.07	21.40	22.04	22.36	23.63
12H	4H	17.79	18.24	18.74	19.20	20.41	20.35	20.80	21.30	21.76	22.97
	6H	18.10	18.47	19.07	19.44	20.66	20.82	21.18	21.78	22.16	23.37
	8H	18.18	18.50	19.15	19.46	20.73	20.98	21.31	21.95	22.27	23.54