

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: P934938

Luminaire Tested: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934938
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-6-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

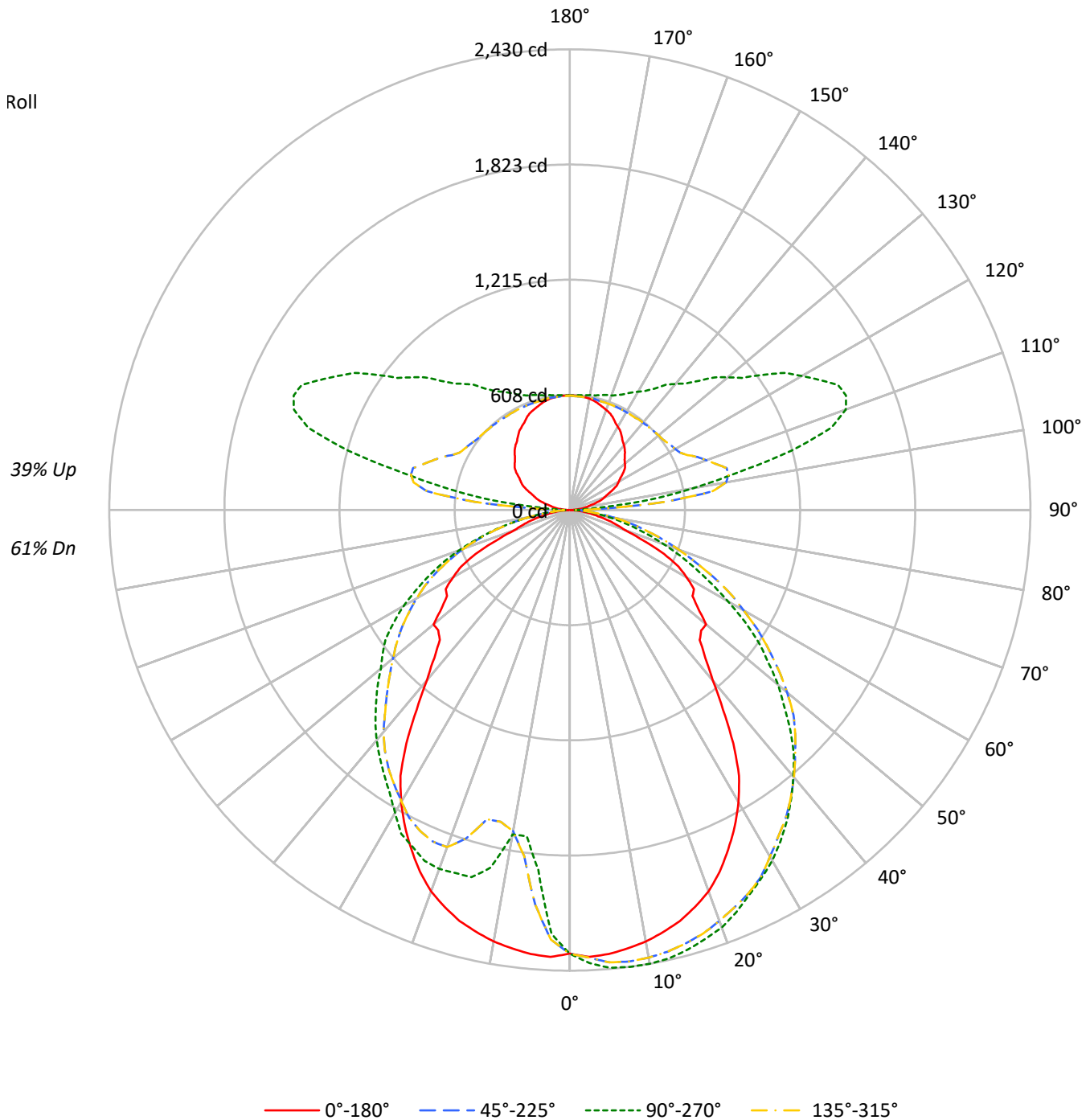
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9984.8 lumens
Efficiency: N/A
Efficacy: 107.4 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

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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	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°	14473	14473	14473	14473
5°	14575	14609	14575	11487
10°	14472	14391	14472	10288
15°	14310	14079	14310	11756
20°	14005	13710	14005	11781
25°	13387	13171	13387	11531
30°	12590	12724	12590	10983
35°	11219	12158	11219	10381
40°	9343	11492	9343	9925
45°	8342	10712	8342	9402
50°	8856	9783	8856	8877
55°	8324	8781	8324	8573
60°	8570	7458	8570	7852
65°	7757	6165	7757	6891
70°	5358	4913	5358	5776
75°	4683	3632	4683	4349
80°	3746	2401	3746	2614
85°	2111	1271	2111	1082

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 12793 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	211.2	2.1
10°-20°	599.6	6.0
20°-30°	926.9	9.3
30°-40°	1106.5	11.1
40°-50°	1113.0	11.1
50°-60°	968.4	9.7
60°-70°	686.6	6.9
70°-80°	363.3	3.6
80°-90°	92.8	0.9
90°-100°	294.5	2.9
100°-110°	774.3	7.8
110°-120°	802.8	8.0
120°-130°	644.0	6.4
130°-140°	505.3	5.1
140°-150°	387.8	3.9
150°-160°	279.3	2.8
160°-170°	170.9	1.7
170°-180°	57.7	0.6
0°-30°	1737.6	17.4
0°-40°	2844.1	28.5
0°-60°	4925.5	49.3
0°-90°	6068.2	60.8
90°-120°	1871.6	18.7
90°-150°	3408.7	34.1
90°-180°	3917.0	39.2
0°-180°	9984.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2340	2340	2340	2340	2340	
5°	2351	2424	2351	1906	2351	223
15°	2244	2402	2244	2005	2244	631
25°	1976	2240	1976	1961	1976	908
35°	1503	1999	1503	1706	1503	930
45°	969	1647	969	1445	969	777
55°	790	1215	790	1186	790	726
65°	549	733	549	819	549	525
75°	208	348	208	416	208	219
85°	35	88	35	75	35	48
90°	4	15	4	15	4	5
95°	39	178	39	178	39	43
105°	140	1212	140	1212	140	148
115°	248	1561	248	1561	248	245
125°	345	1243	345	1243	345	306
135°	411	965	411	965	411	318
145°	476	783	476	783	476	298
155°	538	674	538	674	538	247
165°	581	628	581	628	581	164
175°	604	608	604	608	604	57
180°	604	604	604	604	604	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2359.4	2359.4	2372.7	2377.1	2377.1	2370.5	2363.8	2370.5	2390.4	2397.0	2394.8
5°	2350.6	2368.3	2392.6	2397.0	2401.5	2399.2	2394.8	2399.2	2421.4	2425.8	2428.0
7.5°	2332.9	2366.0	2397.0	2403.7	2410.3	2403.7	2401.5	2405.9	2428.0	2432.5	2432.5
10°	2310.7	2357.2	2392.6	2397.0	2403.7	2397.0	2397.0	2405.9	2428.0	2432.5	2434.6
12.5°	2279.8	2343.9	2377.1	2381.5	2390.4	2388.2	2386.0	2394.8	2416.9	2421.4	2421.4
15°	2244.4	2319.5	2350.6	2355.0	2370.5	2366.0	2366.0	2374.9	2399.2	2405.9	2403.7
17.5°	2195.6	2288.6	2324.0	2330.6	2341.7	2339.5	2341.7	2350.6	2372.7	2377.1	2379.3
20°	2140.3	2246.5	2288.6	2295.2	2306.3	2306.3	2306.3	2317.3	2339.5	2348.3	2348.3
22.5°	2065.1	2202.2	2246.5	2251.0	2264.2	2264.2	2268.7	2284.1	2304.1	2306.3	2306.3
25°	1976.5	2153.6	2191.2	2204.5	2217.8	2224.4	2231.0	2239.9	2246.5	2244.4	2246.5
27.5°	1883.5	2091.6	2140.3	2149.1	2166.8	2173.5	2182.4	2184.5	2186.8	2193.4	2189.0
30°	1779.5	2005.2	2078.3	2087.1	2115.9	2120.4	2111.5	2115.9	2127.0	2131.4	2135.9
32.5°	1662.2	1876.9	2014.1	2034.0	2060.6	2047.4	2045.1	2051.7	2069.4	2069.4	2073.9
35°	1502.9	1777.3	1954.4	1972.1	1992.0	1976.5	1985.4	1987.5	1998.6	2005.2	2003.1
37.5°	1328.0	1691.0	1892.4	1905.7	1921.2	1901.2	1914.6	1921.2	1930.0	1925.6	1925.6
40°	1173.1	1556.0	1819.3	1828.2	1841.5	1826.0	1839.3	1843.7	1848.1	1843.7	1841.5
42.5°	1058.0	1407.6	1741.9	1753.0	1744.1	1755.1	1759.6	1768.5	1761.8	1753.0	1753.0
45°	969.4	1367.9	1657.7	1671.1	1657.7	1675.5	1682.2	1682.2	1662.2	1657.7	1655.6
47.5°	940.7	1288.2	1573.7	1573.7	1567.0	1589.2	1600.3	1584.7	1564.8	1558.2	1558.2
50°	938.5	1199.7	1458.6	1449.8	1480.7	1507.3	1496.2	1480.7	1465.2	1440.9	1440.9
52.5°	852.2	1091.2	1310.3	1343.5	1392.2	1407.6	1389.9	1374.5	1347.9	1336.8	1328.0
55°	790.2	978.2	1175.2	1241.7	1292.6	1312.5	1279.3	1263.8	1224.0	1217.4	1212.9
57.5°	776.9	814.5	1051.3	1135.5	1197.4	1195.2	1175.2	1146.5	1113.3	1106.7	1104.4
60°	712.7	588.7	918.5	1018.1	1082.3	1075.7	1058.0	1031.4	1000.4	996.0	991.6
62.5°	646.3	427.2	768.0	880.9	971.6	969.4	953.9	914.1	892.0	880.9	872.0
65°	548.9	358.6	546.7	732.6	863.2	867.6	834.4	805.7	781.3	768.0	765.8
67.5°	418.3	292.1	369.7	610.9	759.2	754.7	712.7	699.4	668.4	661.8	648.5
70°	309.8	194.8	256.7	495.8	657.3	646.3	613.1	597.6	568.8	553.3	544.5
72.5°	256.7	157.1	188.1	385.1	553.3	540.1	511.3	493.6	469.2	456.0	447.1
75°	208.1	166.0	143.9	285.5	449.3	440.5	413.9	396.2	376.3	358.6	360.8
77.5°	152.7	155.0	115.1	210.2	356.3	343.1	327.5	305.5	296.6	278.9	278.9
80°	115.1	121.7	86.3	143.9	256.7	256.7	243.5	227.9	212.5	203.6	203.6
82.5°	77.4	77.4	64.2	90.8	174.8	168.2	159.3	155.0	146.1	141.6	141.6
85°	35.4	44.3	39.9	55.4	95.1	99.6	99.6	95.1	93.0	88.5	90.8
87.5°	11.1	19.9	24.3	31.0	48.7	50.9	53.1	53.1	53.1	55.4	55.4
90°	4.0	7.2	10.6	11.3	17.8	26.4	30.8	27.4	20.6	15.4	15.4
92.5°	16.2	43.8	71.3	78.2	110.0	152.3	173.5	152.1	109.2	77.0	73.9
95°	38.9	89.4	139.8	152.4	270.7	428.4	507.3	452.7	343.4	261.5	252.3
97.5°	67.3	111.8	156.3	167.4	364.7	627.6	759.1	724.6	655.6	603.8	586.1
100°	89.2	129.6	170.0	180.1	398.9	690.7	836.5	839.1	844.1	847.9	826.9
102.5°	107.9	145.5	183.2	192.6	414.6	710.4	858.4	902.4	990.4	1056.3	1038.2
105°	139.5	171.4	203.4	211.3	426.2	712.7	856.0	954.5	1151.7	1299.6	1289.9
107.5°	172.0	201.7	231.4	238.9	428.3	681.0	807.3	944.8	1219.9	1426.1	1428.5
110°	193.9	220.7	247.5	254.2	425.0	652.9	766.8	920.5	1228.0	1458.6	1468.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	215.3	240.9	266.5	272.9	425.2	628.3	729.9	887.2	1201.8	1437.8	1453.3
115°	247.7	271.4	294.9	300.9	429.1	600.1	685.7	837.2	1140.4	1367.7	1389.2
117.5°	279.7	301.2	322.7	328.1	437.2	582.5	655.2	792.1	1065.6	1270.8	1294.6
120°	298.4	318.6	338.8	343.8	443.6	576.6	643.1	768.1	1018.0	1205.5	1228.7
122.5°	316.7	337.0	357.4	362.5	452.9	573.5	633.8	746.3	971.4	1140.2	1163.0
125°	344.6	363.2	381.8	386.4	465.5	570.9	623.7	719.3	910.5	1053.9	1074.9
127.5°	367.4	386.1	404.8	409.5	478.0	569.4	615.1	697.2	861.4	984.5	1002.3
130°	379.5	399.7	419.9	424.9	487.3	570.4	611.9	685.0	831.1	940.8	957.1
132.5°	392.1	412.3	432.4	437.5	494.7	570.9	609.0	674.4	805.3	903.4	918.1
135°	410.7	429.1	447.5	452.1	502.8	570.4	604.1	658.9	768.5	850.7	863.3
137.5°	429.8	448.0	466.2	470.7	514.9	573.9	603.4	649.7	742.3	811.8	822.2
140°	445.6	462.4	479.2	483.4	522.4	574.5	600.5	640.5	720.6	780.6	790.2
142.5°	457.8	473.3	488.9	492.7	528.6	576.5	600.5	635.6	705.9	758.7	767.0
145°	476.5	490.0	503.4	506.8	536.7	576.6	596.5	625.2	682.7	725.8	732.1
147.5°	495.1	508.2	521.4	524.7	548.6	580.5	596.5	619.1	664.3	698.2	703.5
150°	507.3	519.1	531.1	534.0	554.9	582.6	596.5	615.6	653.8	682.5	686.7
152.5°	519.8	528.9	537.9	540.1	558.9	583.9	596.5	612.8	645.4	669.9	673.1
155°	538.5	545.1	551.8	553.5	567.8	586.9	596.5	609.5	635.5	654.9	657.0
157.5°	552.3	558.8	565.3	566.9	576.8	589.9	596.5	606.6	626.7	641.9	643.4
160°	561.6	566.6	571.7	572.9	580.8	591.2	596.5	605.1	622.4	635.4	636.2
162.5°	570.9	574.8	578.5	579.5	585.1	592.7	596.5	603.8	618.4	629.3	630.1
165°	581.0	584.5	587.9	588.8	591.3	594.7	596.5	601.7	612.2	620.0	620.9
167.5°	590.4	592.0	593.6	594.0	596.2	599.1	600.5	603.9	610.8	615.9	616.3
170°	596.5	598.1	599.7	600.1	600.2	600.4	600.5	603.9	610.8	615.9	615.9
172.5°	599.7	600.0	600.4	600.5	600.5	600.5	600.5	603.2	608.6	612.7	612.3
175°	604.1	604.1	604.1	604.1	602.9	601.3	600.5	602.2	605.6	608.2	608.2
177.5°	604.1	604.1	604.1	604.1	603.2	602.0	601.4	602.7	605.5	607.5	607.1
180°	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2399.2	2392.6	2399.2	2394.8	2397.0	2390.4	2370.5	2363.8	2370.5	2377.1	2377.1
5°	2428.0	2423.6	2428.0	2428.0	2425.8	2421.4	2399.2	2394.8	2399.2	2401.5	2397.0
7.5°	2436.9	2430.3	2436.9	2432.5	2432.5	2428.0	2405.9	2401.5	2403.7	2410.3	2403.7
10°	2436.9	2430.3	2436.9	2434.6	2432.5	2428.0	2405.9	2397.0	2397.0	2403.7	2397.0
12.5°	2425.8	2421.4	2425.8	2421.4	2421.4	2416.9	2394.8	2386.0	2388.2	2390.4	2381.5
15°	2408.1	2401.5	2408.1	2403.7	2405.9	2399.2	2374.9	2366.0	2366.0	2370.5	2355.0
17.5°	2381.5	2372.7	2381.5	2379.3	2377.1	2372.7	2350.6	2341.7	2339.5	2341.7	2330.6
20°	2350.6	2343.9	2350.6	2348.3	2348.3	2339.5	2317.3	2306.3	2306.3	2306.3	2295.2
22.5°	2301.8	2295.2	2301.8	2306.3	2306.3	2304.1	2284.1	2268.7	2264.2	2264.2	2251.0
25°	2246.5	2239.9	2246.5	2246.5	2244.4	2246.5	2239.9	2231.0	2224.4	2217.8	2204.5
27.5°	2193.4	2189.0	2193.4	2189.0	2193.4	2186.8	2184.5	2182.4	2173.5	2166.8	2149.1
30°	2140.3	2135.9	2140.3	2135.9	2131.4	2127.0	2115.9	2111.5	2120.4	2115.9	2087.1
32.5°	2073.9	2069.4	2073.9	2073.9	2069.4	2069.4	2051.7	2045.1	2047.4	2060.6	2034.0
35°	2005.2	1998.6	2005.2	2003.1	2005.2	1998.6	1987.5	1985.4	1976.5	1992.0	1972.1
37.5°	1925.6	1918.9	1925.6	1925.6	1925.6	1930.0	1921.2	1914.6	1901.2	1921.2	1905.7
40°	1843.7	1834.8	1843.7	1841.5	1843.7	1848.1	1843.7	1839.3	1826.0	1841.5	1828.2
42.5°	1750.8	1748.5	1750.8	1753.0	1753.0	1761.8	1768.5	1759.6	1755.1	1744.1	1753.0
45°	1651.1	1646.7	1651.1	1655.6	1657.7	1662.2	1682.2	1682.2	1675.5	1657.7	1671.1
47.5°	1544.9	1533.8	1544.9	1558.2	1558.2	1564.8	1584.7	1600.3	1589.2	1567.0	1573.7
50°	1432.1	1434.2	1432.1	1440.9	1440.9	1465.2	1480.7	1496.2	1507.3	1480.7	1449.8
52.5°	1321.4	1319.1	1321.4	1328.0	1336.8	1347.9	1374.5	1389.9	1407.6	1392.2	1343.5
55°	1210.6	1215.1	1210.6	1212.9	1217.4	1224.0	1263.8	1279.3	1312.5	1292.6	1241.7
57.5°	1100.0	1093.4	1100.0	1104.4	1106.7	1113.3	1146.5	1175.2	1195.2	1197.4	1135.5
60°	971.6	962.8	971.6	991.6	996.0	1000.4	1031.4	1058.0	1075.7	1082.3	1018.1
62.5°	858.8	843.3	858.8	872.0	880.9	892.0	914.1	953.9	969.4	971.6	880.9
65°	739.2	732.6	739.2	765.8	768.0	781.3	805.7	834.4	867.6	863.2	732.6
67.5°	630.8	630.8	630.8	648.5	661.8	668.4	699.4	712.7	754.7	759.2	610.9
70°	531.2	529.0	531.2	544.5	553.3	568.8	597.6	613.1	646.3	657.3	495.8
72.5°	436.0	433.8	436.0	447.1	456.0	469.2	493.6	511.3	540.1	553.3	385.1
75°	352.0	347.5	352.0	360.8	358.6	376.3	396.2	413.9	440.5	449.3	285.5
77.5°	270.1	270.1	270.1	278.9	278.9	296.6	305.5	327.5	343.1	356.3	210.2
80°	201.4	199.2	201.4	203.6	203.6	212.5	227.9	243.5	256.7	256.7	143.9
82.5°	141.6	137.3	141.6	141.6	141.6	146.1	155.0	159.3	168.2	174.8	90.8
85°	88.5	88.5	88.5	90.8	88.5	93.0	95.1	99.6	99.6	95.1	55.4
87.5°	57.6	55.4	57.6	55.4	55.4	53.1	53.1	53.1	50.9	48.7	31.0
90°	15.4	15.4	15.4	15.4	15.4	20.6	27.4	30.8	26.4	17.8	11.3
92.5°	61.7	49.4	61.7	73.9	77.0	109.2	152.1	173.5	152.3	110.0	78.2
95°	215.1	178.0	215.1	252.3	261.5	343.4	452.7	507.3	428.4	270.7	152.4
97.5°	515.5	444.8	515.5	586.1	603.8	655.6	724.6	759.1	627.6	364.7	167.4
100°	742.6	658.5	742.6	826.9	847.9	844.1	839.1	836.5	690.7	398.9	180.1
102.5°	966.2	894.1	966.2	1038.2	1056.3	990.4	902.4	858.4	710.4	414.6	192.6
105°	1251.1	1212.4	1251.1	1289.9	1299.6	1151.7	954.5	856.0	712.7	426.2	211.3
107.5°	1437.8	1447.1	1437.8	1428.5	1426.1	1219.9	944.8	807.3	681.0	428.3	238.9
110°	1509.0	1549.3	1509.0	1468.7	1458.6	1228.0	920.5	766.8	652.9	425.0	254.2



TEST NUMBER: P934938

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1515.3	1577.3	1515.3	1453.3	1437.8	1201.8	887.2	729.9	628.3	425.2	272.9
115°	1475.1	1561.1	1475.1	1389.2	1367.7	1140.4	837.2	685.7	600.1	429.1	300.9
117.5°	1389.9	1485.2	1389.9	1294.6	1270.8	1065.6	792.1	655.2	582.5	437.2	328.1
120°	1321.3	1413.9	1321.3	1228.7	1205.5	1018.0	768.1	643.1	576.6	443.6	343.8
122.5°	1254.4	1345.8	1254.4	1163.0	1140.2	971.4	746.3	633.8	573.5	452.9	362.5
125°	1159.1	1243.3	1159.1	1074.9	1053.9	910.5	719.3	623.7	570.9	465.5	386.4
127.5°	1073.3	1144.3	1073.3	1002.3	984.5	861.4	697.2	615.1	569.4	478.0	409.5
130°	1022.7	1088.3	1022.7	957.1	940.8	831.1	685.0	611.9	570.4	487.3	424.9
132.5°	976.9	1035.6	976.9	918.1	903.4	805.3	674.4	609.0	570.9	494.7	437.5
135°	914.0	964.6	914.0	863.3	850.7	768.5	658.9	604.1	570.4	502.8	452.1
137.5°	863.6	905.1	863.6	822.2	811.8	742.3	649.7	603.4	573.9	514.9	470.7
140°	829.0	867.8	829.0	790.2	780.6	720.6	640.5	600.5	574.5	522.4	483.4
142.5°	800.4	833.7	800.4	767.0	758.7	705.9	635.6	600.5	576.5	528.6	492.7
145°	757.4	782.6	757.4	732.1	725.8	682.7	625.2	596.5	576.6	536.7	506.8
147.5°	724.3	745.2	724.3	703.5	698.2	664.3	619.1	596.5	580.5	548.6	524.7
150°	703.6	720.6	703.6	686.7	682.5	653.8	615.6	596.5	582.6	554.9	534.0
152.5°	685.9	698.7	685.9	673.1	669.9	645.4	612.8	596.5	583.9	558.9	540.1
155°	665.4	673.9	665.4	657.0	654.9	635.5	609.5	596.5	586.9	567.8	553.5
157.5°	649.3	655.2	649.3	643.4	641.9	626.7	606.6	596.5	589.9	576.8	566.9
160°	639.6	643.1	639.6	636.2	635.4	622.4	605.1	596.5	591.2	580.8	572.9
162.5°	633.4	636.6	633.4	630.1	629.3	618.4	603.8	596.5	592.7	585.1	579.5
165°	624.3	627.7	624.3	620.9	620.0	612.2	601.7	596.5	594.7	591.3	588.8
167.5°	617.7	619.1	617.7	616.3	615.9	610.8	603.9	600.5	599.1	596.2	594.0
170°	615.9	615.9	615.9	615.9	615.9	610.8	603.9	600.5	600.4	600.2	600.1
172.5°	611.1	609.8	611.1	612.3	612.7	608.6	603.2	600.5	600.5	600.5	600.5
175°	608.2	608.2	608.2	608.2	608.2	605.6	602.2	600.5	601.3	602.9	604.1
177.5°	605.6	604.1	605.6	607.1	607.5	605.5	602.7	601.4	602.0	603.2	604.1
180°	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1



TEST NUMBER: P934938

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2372.7	2359.4	2359.4	2337.3	2328.4	2321.8	2310.7	2277.5	2268.7	2259.8	2273.0
5°	2392.6	2368.3	2350.6	2310.7	2277.5	2264.2	2222.2	2142.5	2089.4	2049.5	2027.4
7.5°	2397.0	2366.0	2332.9	2270.9	2191.2	2155.8	2027.4	1881.3	1841.5	1806.1	1783.9
10°	2392.6	2357.2	2310.7	2217.8	2029.7	1967.7	1839.3	1744.1	1719.7	1713.1	1719.7
12.5°	2377.1	2343.9	2279.8	2124.8	1861.4	1819.3	1744.1	1688.8	1684.3	1695.4	1755.1
15°	2350.6	2319.5	2244.4	2000.9	1768.5	1737.4	1684.3	1664.5	1688.8	1766.2	1945.5
17.5°	2324.0	2288.6	2195.6	1879.1	1697.6	1675.5	1637.9	1677.7	1815.0	1918.9	1978.7
20°	2288.6	2246.5	2140.3	1790.5	1646.7	1626.8	1609.1	1788.4	1892.4	1930.0	1963.2
22.5°	2246.5	2202.2	2065.1	1728.6	1593.6	1578.1	1589.2	1850.4	1892.4	1918.9	1947.7
25°	2191.2	2153.6	1976.5	1679.9	1551.5	1533.8	1575.9	1843.7	1868.1	1874.7	1932.3
27.5°	2140.3	2091.6	1883.5	1635.7	1500.6	1494.0	1586.9	1815.0	1832.7	1839.3	1901.2
30°	2078.3	2005.2	1779.5	1589.2	1447.5	1445.3	1589.2	1779.5	1775.1	1792.8	1854.7
32.5°	2014.1	1876.9	1662.2	1531.6	1396.6	1394.4	1573.7	1726.4	1722.0	1746.3	1792.8
35°	1954.4	1777.3	1502.9	1465.2	1332.4	1334.6	1536.1	1664.5	1666.6	1688.8	1717.6
37.5°	1892.4	1691.0	1328.0	1392.2	1270.5	1270.5	1485.2	1606.9	1602.4	1609.1	1648.9
40°	1819.3	1556.0	1173.1	1297.0	1212.9	1206.3	1423.2	1544.9	1529.4	1527.2	1582.6
42.5°	1741.9	1407.6	1058.0	1170.9	1146.5	1137.7	1347.9	1469.6	1440.9	1447.5	1518.3
45°	1657.7	1367.9	969.4	989.3	1077.9	1071.2	1266.0	1383.3	1363.4	1381.1	1454.1
47.5°	1573.7	1288.2	940.7	821.1	1004.8	1002.7	1175.2	1299.2	1288.2	1305.9	1383.3
50°	1458.6	1199.7	938.5	703.8	923.0	931.8	1066.8	1217.4	1217.4	1232.8	1314.7
52.5°	1310.3	1091.2	852.2	637.5	827.8	854.3	971.6	1146.5	1150.9	1166.4	1239.4
55°	1175.2	978.2	790.2	586.5	714.9	772.4	878.7	1073.5	1082.3	1097.8	1164.2
57.5°	1051.3	814.5	776.9	526.8	610.9	666.2	796.8	1002.7	1007.0	1020.4	1084.5
60°	918.5	588.7	712.7	462.6	520.2	562.2	721.5	918.5	934.0	942.8	998.2
62.5°	768.0	427.2	646.3	418.3	475.9	484.7	659.6	838.8	858.8	865.4	898.6
65°	546.7	358.6	548.9	380.7	429.4	431.6	593.2	756.9	774.6	785.7	810.1
67.5°	369.7	292.1	418.3	345.2	394.0	396.2	529.0	661.8	686.1	695.0	710.4
70°	256.7	194.8	309.8	307.7	354.1	358.6	460.3	575.5	597.6	604.2	613.1
72.5°	188.1	157.1	256.7	276.7	312.1	316.5	389.5	478.0	500.2	506.8	511.3
75°	143.9	166.0	208.1	241.3	265.6	267.8	318.7	389.5	405.1	409.5	411.7
77.5°	115.1	155.0	152.7	194.8	216.9	212.5	250.1	301.0	314.3	314.3	314.3
80°	86.3	121.7	115.1	139.4	159.3	155.0	179.3	214.7	219.1	223.5	221.3
82.5°	64.2	77.4	77.4	88.5	106.2	101.9	119.6	139.4	139.4	139.4	143.9
85°	39.9	44.3	35.4	46.5	59.7	57.6	66.4	75.3	77.4	77.4	73.1
87.5°	24.3	19.9	11.1	17.7	26.6	26.6	31.0	33.2	31.0	31.0	31.0
90°	10.6	7.2	4.0	7.2	10.6	11.3	17.8	26.4	30.8	27.4	20.6
92.5°	71.3	43.8	16.2	43.8	71.3	78.2	110.0	152.3	173.5	152.1	109.2
95°	139.8	89.4	38.9	89.4	139.8	152.4	270.7	428.4	507.3	452.7	343.4
97.5°	156.3	111.8	67.3	111.8	156.3	167.4	364.7	627.6	759.1	724.6	655.6
100°	170.0	129.6	89.2	129.6	170.0	180.1	398.9	690.7	836.5	839.1	844.1
102.5°	183.2	145.5	107.9	145.5	183.2	192.6	414.6	710.4	858.4	902.4	990.4
105°	203.4	171.4	139.5	171.4	203.4	211.3	426.2	712.7	856.0	954.5	1151.7
107.5°	231.4	201.7	172.0	201.7	231.4	238.9	428.3	681.0	807.3	944.8	1219.9
110°	247.5	220.7	193.9	220.7	247.5	254.2	425.0	652.9	766.8	920.5	1228.0



TEST NUMBER: P934938

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	266.5	240.9	215.3	240.9	266.5	272.9	425.2	628.3	729.9	887.2	1201.8
115°	294.9	271.4	247.7	271.4	294.9	300.9	429.1	600.1	685.7	837.2	1140.4
117.5°	322.7	301.2	279.7	301.2	322.7	328.1	437.2	582.5	655.2	792.1	1065.6
120°	338.8	318.6	298.4	318.6	338.8	343.8	443.6	576.6	643.1	768.1	1018.0
122.5°	357.4	337.0	316.7	337.0	357.4	362.5	452.9	573.5	633.8	746.3	971.4
125°	381.8	363.2	344.6	363.2	381.8	386.4	465.5	570.9	623.7	719.3	910.5
127.5°	404.8	386.1	367.4	386.1	404.8	409.5	478.0	569.4	615.1	697.2	861.4
130°	419.9	399.7	379.5	399.7	419.9	424.9	487.3	570.4	611.9	685.0	831.1
132.5°	432.4	412.3	392.1	412.3	432.4	437.5	494.7	570.9	609.0	674.4	805.3
135°	447.5	429.1	410.7	429.1	447.5	452.1	502.8	570.4	604.1	658.9	768.5
137.5°	466.2	448.0	429.8	448.0	466.2	470.7	514.9	573.9	603.4	649.7	742.3
140°	479.2	462.4	445.6	462.4	479.2	483.4	522.4	574.5	600.5	640.5	720.6
142.5°	488.9	473.3	457.8	473.3	488.9	492.7	528.6	576.5	600.5	635.6	705.9
145°	503.4	490.0	476.5	490.0	503.4	506.8	536.7	576.6	596.5	625.2	682.7
147.5°	521.4	508.2	495.1	508.2	521.4	524.7	548.6	580.5	596.5	619.1	664.3
150°	531.1	519.1	507.3	519.1	531.1	534.0	554.9	582.6	596.5	615.6	653.8
152.5°	537.9	528.9	519.8	528.9	537.9	540.1	558.9	583.9	596.5	612.8	645.4
155°	551.8	545.1	538.5	545.1	551.8	553.5	567.8	586.9	596.5	609.5	635.5
157.5°	565.3	558.8	552.3	558.8	565.3	566.9	576.8	589.9	596.5	606.6	626.7
160°	571.7	566.6	561.6	566.6	571.7	572.9	580.8	591.2	596.5	605.1	622.4
162.5°	578.5	574.8	570.9	574.8	578.5	579.5	585.1	592.7	596.5	603.8	618.4
165°	587.9	584.5	581.0	584.5	587.9	588.8	591.3	594.7	596.5	601.7	612.2
167.5°	593.6	592.0	590.4	592.0	593.6	594.0	596.2	599.1	600.5	603.9	610.8
170°	599.7	598.1	596.5	598.1	599.7	600.1	600.2	600.4	600.5	603.9	610.8
172.5°	600.4	600.0	599.7	600.0	600.4	600.5	600.5	600.5	600.5	603.2	608.6
175°	604.1	604.1	604.1	604.1	604.1	604.1	602.9	601.3	600.5	602.2	605.6
177.5°	604.1	604.1	604.1	604.1	604.1	604.1	603.2	602.0	601.4	602.7	605.5
180°	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1



TEST NUMBER: P934938

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2257.6	2251.0	2259.8	2235.5	2259.8	2251.0	2257.6	2273.0	2259.8	2268.7	2277.5
5°	1980.9	1969.8	1934.4	1905.7	1934.4	1969.8	1980.9	2027.4	2049.5	2089.4	2142.5
7.5°	1770.7	1761.8	1753.0	1735.3	1753.0	1761.8	1770.7	1783.9	1806.1	1841.5	1881.3
10°	1724.2	1726.4	1739.7	1737.4	1739.7	1726.4	1724.2	1719.7	1713.1	1719.7	1744.1
12.5°	1843.7	1863.6	1936.7	1932.3	1936.7	1863.6	1843.7	1755.1	1695.4	1684.3	1688.8
15°	1980.9	1987.5	2003.1	2005.2	2003.1	1987.5	1980.9	1945.5	1766.2	1688.8	1664.5
17.5°	1994.2	1996.4	2007.5	2007.5	2007.5	1996.4	1994.2	1978.7	1918.9	1815.0	1677.7
20°	1983.2	1987.5	2009.7	2014.1	2009.7	1987.5	1983.2	1963.2	1930.0	1892.4	1788.4
22.5°	1978.7	1987.5	2005.2	2003.1	2005.2	1987.5	1978.7	1947.7	1918.9	1892.4	1850.4
25°	1956.6	1956.6	1958.8	1961.0	1958.8	1956.6	1956.6	1932.3	1874.7	1868.1	1843.7
27.5°	1910.1	1914.6	1927.8	1925.6	1927.8	1914.6	1910.1	1901.2	1839.3	1832.7	1815.0
30°	1868.1	1863.6	1852.5	1843.7	1852.5	1863.6	1868.1	1854.7	1792.8	1775.1	1779.5
32.5°	1797.3	1786.2	1775.1	1768.5	1775.1	1786.2	1797.3	1792.8	1746.3	1722.0	1726.4
35°	1713.1	1715.3	1713.1	1706.5	1713.1	1715.3	1713.1	1717.6	1688.8	1666.6	1664.5
37.5°	1653.4	1657.7	1655.6	1646.7	1655.6	1657.7	1653.4	1648.9	1609.1	1602.4	1606.9
40°	1591.4	1593.6	1591.4	1584.7	1591.4	1593.6	1591.4	1582.6	1527.2	1529.4	1544.9
42.5°	1531.6	1529.4	1522.7	1518.3	1522.7	1529.4	1531.6	1518.3	1447.5	1440.9	1469.6
45°	1463.0	1465.2	1451.9	1445.3	1451.9	1465.2	1463.0	1454.1	1381.1	1363.4	1383.3
47.5°	1394.4	1394.4	1383.3	1376.7	1383.3	1394.4	1394.4	1383.3	1305.9	1288.2	1299.2
50°	1321.4	1319.1	1303.7	1301.4	1303.7	1319.1	1321.4	1314.7	1232.8	1217.4	1217.4
52.5°	1237.2	1237.2	1239.4	1243.9	1239.4	1237.2	1237.2	1239.4	1166.4	1150.9	1146.5
55°	1164.2	1166.4	1182.0	1186.3	1182.0	1166.4	1164.2	1164.2	1097.8	1082.3	1073.5
57.5°	1089.0	1089.0	1100.0	1100.0	1100.0	1089.0	1089.0	1084.5	1020.4	1007.0	1002.7
60°	1002.7	1007.0	1015.9	1013.7	1015.9	1007.0	1002.7	998.2	942.8	934.0	918.5
62.5°	911.9	916.3	918.5	914.1	918.5	916.3	911.9	898.6	865.4	858.8	838.8
65°	816.7	821.1	823.4	818.9	823.4	821.1	816.7	810.1	785.7	774.6	756.9
67.5°	719.3	717.1	714.9	723.8	714.9	717.1	719.3	710.4	695.0	686.1	661.8
70°	619.8	619.8	617.5	621.9	617.5	619.8	619.8	613.1	604.2	597.6	575.5
72.5°	513.5	511.3	520.2	513.5	520.2	511.3	513.5	511.3	506.8	500.2	478.0
75°	409.5	413.9	409.5	416.1	409.5	413.9	409.5	411.7	409.5	405.1	389.5
77.5°	312.1	316.5	312.1	312.1	312.1	316.5	312.1	314.3	314.3	314.3	301.0
80°	221.3	219.1	219.1	216.9	219.1	219.1	221.3	221.3	223.5	219.1	214.7
82.5°	141.6	139.4	139.4	143.9	139.4	139.4	141.6	143.9	139.4	139.4	139.4
85°	77.4	79.7	75.3	75.3	75.3	79.7	77.4	73.1	77.4	77.4	75.3
87.5°	28.8	26.6	26.6	26.6	26.6	26.6	28.8	31.0	31.0	31.0	33.2
90°	15.4	15.4	15.4	15.4	15.4	15.4	15.4	20.6	27.4	30.8	26.4
92.5°	77.0	73.9	61.7	49.4	61.7	73.9	77.0	109.2	152.1	173.5	152.3
95°	261.5	252.3	215.1	178.0	215.1	252.3	261.5	343.4	452.7	507.3	428.4
97.5°	603.8	586.1	515.5	444.8	515.5	586.1	603.8	655.6	724.6	759.1	627.6
100°	847.9	826.9	742.6	658.5	742.6	826.9	847.9	844.1	839.1	836.5	690.7
102.5°	1056.3	1038.2	966.2	894.1	966.2	1038.2	1056.3	990.4	902.4	858.4	710.4
105°	1299.6	1289.9	1251.1	1212.4	1251.1	1289.9	1299.6	1151.7	954.5	856.0	712.7
107.5°	1426.1	1428.5	1437.8	1447.1	1437.8	1428.5	1426.1	1219.9	944.8	807.3	681.0
110°	1458.6	1468.7	1509.0	1549.3	1509.0	1468.7	1458.6	1228.0	920.5	766.8	652.9



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1437.8	1453.3	1515.3	1577.3	1515.3	1453.3	1437.8	1201.8	887.2	729.9	628.3
115°	1367.7	1389.2	1475.1	1561.1	1475.1	1389.2	1367.7	1140.4	837.2	685.7	600.1
117.5°	1270.8	1294.6	1389.9	1485.2	1389.9	1294.6	1270.8	1065.6	792.1	655.2	582.5
120°	1205.5	1228.7	1321.3	1413.9	1321.3	1228.7	1205.5	1018.0	768.1	643.1	576.6
122.5°	1140.2	1163.0	1254.4	1345.8	1254.4	1163.0	1140.2	971.4	746.3	633.8	573.5
125°	1053.9	1074.9	1159.1	1243.3	1159.1	1074.9	1053.9	910.5	719.3	623.7	570.9
127.5°	984.5	1002.3	1073.3	1144.3	1073.3	1002.3	984.5	861.4	697.2	615.1	569.4
130°	940.8	957.1	1022.7	1088.3	1022.7	957.1	940.8	831.1	685.0	611.9	570.4
132.5°	903.4	918.1	976.9	1035.6	976.9	918.1	903.4	805.3	674.4	609.0	570.9
135°	850.7	863.3	914.0	964.6	914.0	863.3	850.7	768.5	658.9	604.1	570.4
137.5°	811.8	822.2	863.6	905.1	863.6	822.2	811.8	742.3	649.7	603.4	573.9
140°	780.6	790.2	829.0	867.8	829.0	790.2	780.6	720.6	640.5	600.5	574.5
142.5°	758.7	767.0	800.4	833.7	800.4	767.0	758.7	705.9	635.6	600.5	576.5
145°	725.8	732.1	757.4	782.6	757.4	732.1	725.8	682.7	625.2	596.5	576.6
147.5°	698.2	703.5	724.3	745.2	724.3	703.5	698.2	664.3	619.1	596.5	580.5
150°	682.5	686.7	703.6	720.6	703.6	686.7	682.5	653.8	615.6	596.5	582.6
152.5°	669.9	673.1	685.9	698.7	685.9	673.1	669.9	645.4	612.8	596.5	583.9
155°	654.9	657.0	665.4	673.9	665.4	657.0	654.9	635.5	609.5	596.5	586.9
157.5°	641.9	643.4	649.3	655.2	649.3	643.4	641.9	626.7	606.6	596.5	589.9
160°	635.4	636.2	639.6	643.1	639.6	636.2	635.4	622.4	605.1	596.5	591.2
162.5°	629.3	630.1	633.4	636.6	633.4	630.1	629.3	618.4	603.8	596.5	592.7
165°	620.0	620.9	624.3	627.7	624.3	620.9	620.0	612.2	601.7	596.5	594.7
167.5°	615.9	616.3	617.7	619.1	617.7	616.3	615.9	610.8	603.9	600.5	599.1
170°	615.9	615.9	615.9	615.9	615.9	615.9	615.9	610.8	603.9	600.5	600.4
172.5°	612.7	612.3	611.1	609.8	611.1	612.3	612.7	608.6	603.2	600.5	600.5
175°	608.2	608.2	608.2	608.2	608.2	608.2	608.2	605.6	602.2	600.5	601.3
177.5°	607.5	607.1	605.6	604.1	605.6	607.1	607.5	605.5	602.7	601.4	602.0
180°	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1	604.1



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2339.5	2339.5	2339.5	2339.5	2339.5
2.5°	2310.7	2321.8	2328.4	2337.3	2359.4
5°	2222.2	2264.2	2277.5	2310.7	2350.6
7.5°	2027.4	2155.8	2191.2	2270.9	2332.9
10°	1839.3	1967.7	2029.7	2217.8	2310.7
12.5°	1744.1	1819.3	1861.4	2124.8	2279.8
15°	1684.3	1737.4	1768.5	2000.9	2244.4
17.5°	1637.9	1675.5	1697.6	1879.1	2195.6
20°	1609.1	1626.8	1646.7	1790.5	2140.3
22.5°	1589.2	1578.1	1593.6	1728.6	2065.1
25°	1575.9	1533.8	1551.5	1679.9	1976.5
27.5°	1586.9	1494.0	1500.6	1635.7	1883.5
30°	1589.2	1445.3	1447.5	1589.2	1779.5
32.5°	1573.7	1394.4	1396.6	1531.6	1662.2
35°	1536.1	1334.6	1332.4	1465.2	1502.9
37.5°	1485.2	1270.5	1270.5	1392.2	1328.0
40°	1423.2	1206.3	1212.9	1297.0	1173.1
42.5°	1347.9	1137.7	1146.5	1170.9	1058.0
45°	1266.0	1071.2	1077.9	989.3	969.4
47.5°	1175.2	1002.7	1004.8	821.1	940.7
50°	1066.8	931.8	923.0	703.8	938.5
52.5°	971.6	854.3	827.8	637.5	852.2
55°	878.7	772.4	714.9	586.5	790.2
57.5°	796.8	666.2	610.9	526.8	776.9
60°	721.5	562.2	520.2	462.6	712.7
62.5°	659.6	484.7	475.9	418.3	646.3
65°	593.2	431.6	429.4	380.7	548.9
67.5°	529.0	396.2	394.0	345.2	418.3
70°	460.3	358.6	354.1	307.7	309.8
72.5°	389.5	316.5	312.1	276.7	256.7
75°	318.7	267.8	265.6	241.3	208.1
77.5°	250.1	212.5	216.9	194.8	152.7
80°	179.3	155.0	159.3	139.4	115.1
82.5°	119.6	101.9	106.2	88.5	77.4
85°	66.4	57.6	59.7	46.5	35.4
87.5°	31.0	26.6	26.6	17.7	11.1
90°	17.8	11.3	10.6	7.2	4.0
92.5°	110.0	78.2	71.3	43.8	16.2
95°	270.7	152.4	139.8	89.4	38.9
97.5°	364.7	167.4	156.3	111.8	67.3
100°	398.9	180.1	170.0	129.6	89.2
102.5°	414.6	192.6	183.2	145.5	107.9
105°	426.2	211.3	203.4	171.4	139.5
107.5°	428.3	238.9	231.4	201.7	172.0
110°	425.0	254.2	247.5	220.7	193.9



TEST NUMBER: P934938

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-6-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	425.2	272.9	266.5	240.9	215.3
115°	429.1	300.9	294.9	271.4	247.7
117.5°	437.2	328.1	322.7	301.2	279.7
120°	443.6	343.8	338.8	318.6	298.4
122.5°	452.9	362.5	357.4	337.0	316.7
125°	465.5	386.4	381.8	363.2	344.6
127.5°	478.0	409.5	404.8	386.1	367.4
130°	487.3	424.9	419.9	399.7	379.5
132.5°	494.7	437.5	432.4	412.3	392.1
135°	502.8	452.1	447.5	429.1	410.7
137.5°	514.9	470.7	466.2	448.0	429.8
140°	522.4	483.4	479.2	462.4	445.6
142.5°	528.6	492.7	488.9	473.3	457.8
145°	536.7	506.8	503.4	490.0	476.5
147.5°	548.6	524.7	521.4	508.2	495.1
150°	554.9	534.0	531.1	519.1	507.3
152.5°	558.9	540.1	537.9	528.9	519.8
155°	567.8	553.5	551.8	545.1	538.5
157.5°	576.8	566.9	565.3	558.8	552.3
160°	580.8	572.9	571.7	566.6	561.6
162.5°	585.1	579.5	578.5	574.8	570.9
165°	591.3	588.8	587.9	584.5	581.0
167.5°	596.2	594.0	593.6	592.0	590.4
170°	600.2	600.1	599.7	598.1	596.5
172.5°	600.5	600.5	600.4	600.0	599.7
175°	602.9	604.1	604.1	604.1	604.1
177.5°	603.2	604.1	604.1	604.1	604.1
180°	604.1	604.1	604.1	604.1	604.1



TEST NUMBER: P934938
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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	15.03	15.99	15.88	16.87	17.98	17.85	18.82	18.71	19.70	20.81
	3H	15.51	16.38	16.38	17.27	18.40	19.20	20.07	20.07	20.96	22.09
	4H	15.71	16.53	16.59	17.42	18.57	19.65	20.47	20.54	21.37	22.51
	6H	15.83	16.59	16.73	17.49	18.65	19.94	20.69	20.84	21.60	22.76
	8H	15.84	16.56	16.74	17.48	18.63	20.02	20.74	20.92	21.66	22.81
	12H	15.81	16.50	16.72	17.41	18.59	20.06	20.74	20.97	21.66	22.84
4H	2H	16.07	16.89	16.96	17.79	18.93	18.27	19.09	19.16	19.99	21.13
	3H	17.11	17.79	18.01	18.72	19.88	19.79	20.47	20.69	21.40	22.56
	4H	17.39	18.01	18.30	18.93	20.12	20.32	20.94	21.23	21.86	23.05
	6H	17.52	18.06	18.45	19.00	20.19	20.69	21.22	21.62	22.17	23.36
	8H	17.53	18.03	18.46	18.97	20.17	20.80	21.30	21.73	22.24	23.44
	12H	17.50	17.95	18.45	18.91	20.12	20.86	21.31	21.81	22.27	23.47
8H	4H	17.85	18.35	18.78	19.29	20.49	20.45	20.95	21.38	21.89	23.09
	6H	18.11	18.53	19.07	19.51	20.71	20.89	21.31	21.85	22.29	23.49
	8H	18.16	18.53	19.13	19.50	20.72	21.04	21.41	22.01	22.38	23.60
	12H	18.15	18.47	19.12	19.44	20.70	21.14	21.47	22.12	22.43	23.70
12H	4H	17.86	18.31	18.81	19.27	20.48	20.42	20.87	21.37	21.83	23.04
	6H	18.18	18.54	19.14	19.52	20.73	20.89	21.26	21.86	22.23	23.45
	8H	18.25	18.57	19.22	19.54	20.80	21.05	21.38	22.02	22.34	23.61