

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: P934944

Luminaire Tested: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-8-3000K

Issue Date: 12/17/2024

**Test Information**

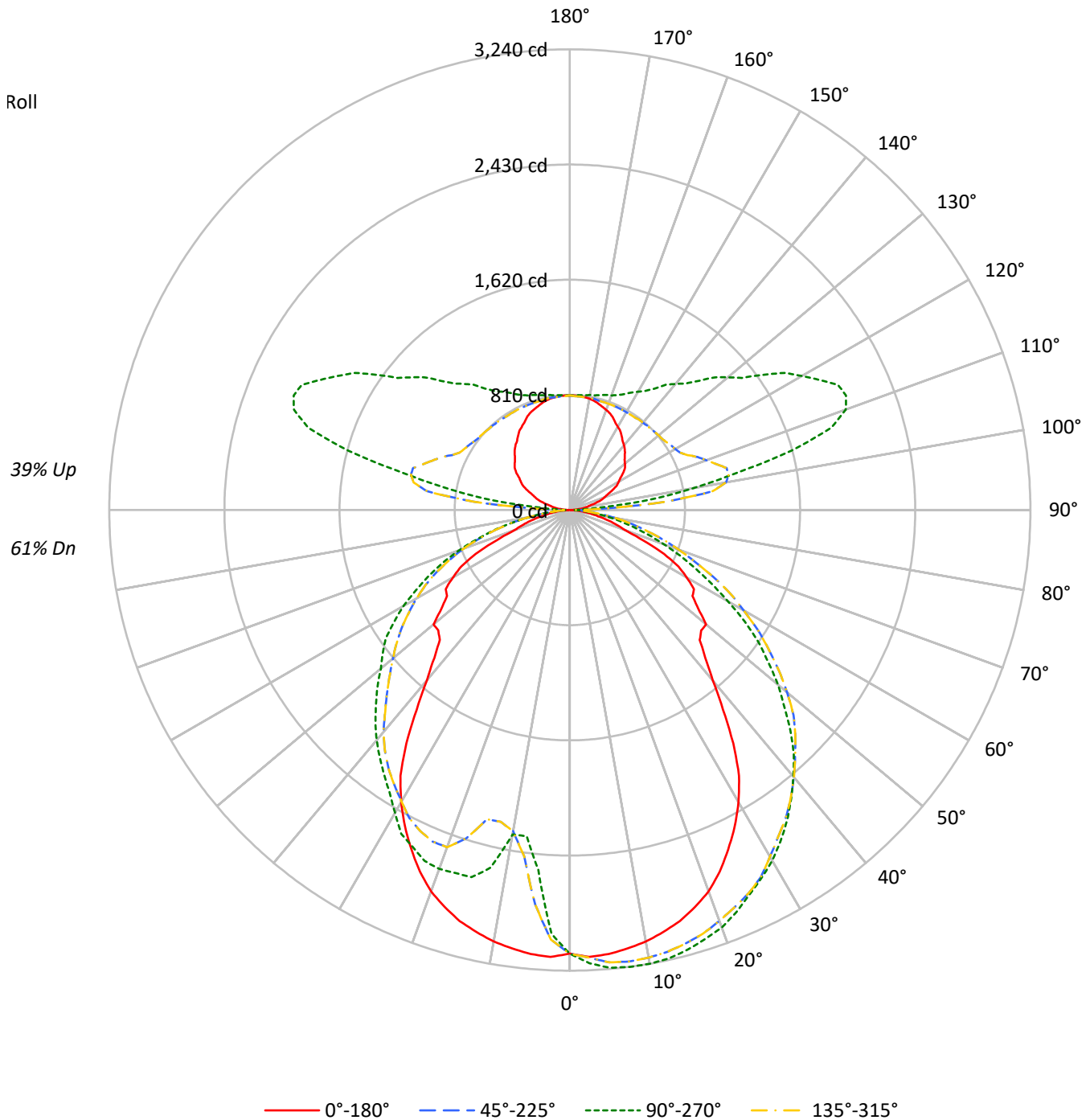
Test Method: LM-79-2019  
Report Number: P934944  
REPORT IS A COMBINATION OF REPORTS P933720 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-8-3000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 13313.4 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: 8' x H: 0.1')  
CIE Type: Semi-Direct  
  
Input Watts (W): 124  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20			
RC	80				70				50				30				10		0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	110	110	110	110	103	103	103	103	89	89	89	77	77	77	66	66	66	66	66	61
1	100	96	92	88	94	90	86	83	79	76	74	68	66	65	59	57	56	56	56	51
2	91	84	78	72	85	79	73	68	69	65	61	60	57	54	52	49	47	47	47	43
3	83	74	66	60	78	69	63	57	61	56	51	53	49	46	46	43	40	40	40	36
4	76	65	57	51	71	61	54	49	54	48	44	47	43	39	41	37	35	35	35	31
5	70	58	50	44	65	55	47	42	48	42	38	42	38	34	37	33	30	30	30	27
6	65	52	44	38	60	49	42	36	44	37	33	38	33	30	33	29	26	26	26	24
7	60	47	39	33	56	45	37	32	39	33	29	35	30	26	30	26	23	23	23	21
8	55	43	35	29	52	40	33	28	36	30	26	32	27	23	28	24	21	21	21	19
9	52	39	31	26	48	37	30	25	33	27	23	29	24	21	26	22	19	19	19	17
10	48	36	29	24	45	34	27	23	30	25	21	27	22	19	24	20	17	17	17	15

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	14473	14473	14473	14473
5°	14581	14610	14581	11488
10°	14484	14391	14484	10289
15°	14326	14079	14326	11757
20°	14026	13710	14026	11781
25°	13414	13171	13414	11532
30°	12621	12724	12621	10984
35°	11251	12158	11251	10381
40°	9375	11493	9375	9926
45°	8377	10713	8377	9402
50°	8899	9783	8899	8877
55°	8373	8781	8373	8574
60°	8631	7458	8631	7853
65°	7825	6165	7825	6892
70°	5419	4913	5419	5777
75°	4751	3632	4751	4349
80°	3830	2401	3830	2615
85°	2199	1272	2199	1082

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 12838 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	281.6	2.1
10°-20°	799.5	6.0
20°-30°	1235.9	9.3
30°-40°	1475.4	11.1
40°-50°	1484.0	11.1
50°-60°	1291.3	9.7
60°-70°	915.5	6.9
70°-80°	484.4	3.6
80°-90°	123.7	0.9
90°-100°	392.7	2.9
100°-110°	1032.4	7.8
110°-120°	1070.4	8.0
120°-130°	858.6	6.4
130°-140°	673.7	5.1
140°-150°	517.1	3.9
150°-160°	372.4	2.8
160°-170°	227.9	1.7
170°-180°	77.0	0.6
0°-30°	2316.9	17.4
0°-40°	3792.3	28.5
0°-60°	6567.6	49.3
0°-90°	8091.2	60.8
90°-120°	2495.5	18.7
90°-150°	4544.9	34.1
90°-180°	5222.0	39.2
0°-180°	13313.4	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3119	3119	3119	3119	3119	
5°	3134	3232	3134	2541	3134	297
15°	2993	3202	2993	2674	2993	842
25°	2636	2987	2636	2615	2636	1210
35°	2004	2665	2004	2275	2004	1240
45°	1293	2196	1293	1927	1293	1035
55°	1054	1620	1054	1582	1054	968
65°	732	977	732	1092	732	699
75°	277	463	277	555	277	292
85°	47	118	47	100	47	64
90°	5	21	5	21	5	6
95°	52	237	52	237	52	58
105°	186	1616	186	1616	186	197
115°	330	2082	330	2082	330	326
125°	460	1658	460	1658	460	408
135°	548	1286	548	1286	548	424
145°	635	1044	635	1044	635	398
155°	718	898	718	898	718	330
165°	775	837	775	837	775	219
175°	806	811	806	811	806	76
180°	806	806	806	806	806	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4
2.5°	3145.9	3145.9	3163.7	3169.6	3169.6	3160.8	3151.9	3160.8	3187.3	3196.2	3193.2
5°	3134.2	3157.8	3190.2	3196.2	3202.0	3199.1	3193.2	3199.1	3228.6	3234.5	3237.5
7.5°	3110.5	3154.8	3196.2	3205.0	3213.9	3205.0	3202.0	3208.0	3237.5	3243.4	3243.4
10°	3081.1	3143.1	3190.2	3196.2	3205.0	3196.2	3196.2	3208.0	3237.5	3243.4	3246.3
12.5°	3039.7	3125.3	3169.6	3175.5	3187.3	3184.3	3181.4	3193.2	3222.7	3228.6	3228.6
15°	2992.6	3092.8	3134.2	3140.1	3160.8	3154.8	3154.8	3166.6	3199.1	3208.0	3205.0
17.5°	2927.6	3051.5	3098.8	3107.6	3122.4	3119.4	3122.4	3134.2	3163.7	3169.6	3172.5
20°	2853.8	2995.4	3051.5	3060.4	3075.1	3075.1	3075.1	3089.9	3119.4	3131.2	3131.2
22.5°	2753.4	2936.5	2995.4	3001.4	3019.1	3019.1	3025.0	3045.7	3072.2	3075.1	3075.1
25°	2635.5	2871.5	2921.7	2939.4	2957.1	2966.0	2974.9	2986.6	2995.4	2992.6	2995.4
27.5°	2511.5	2788.9	2853.8	2865.6	2889.2	2898.1	2909.9	2912.9	2915.8	2924.6	2918.7
30°	2372.8	2673.8	2771.1	2783.0	2821.4	2827.2	2815.4	2821.4	2836.1	2842.0	2847.9
32.5°	2216.4	2502.7	2685.6	2712.2	2747.6	2729.9	2726.9	2735.7	2759.4	2759.4	2765.3
35°	2003.8	2369.8	2605.9	2629.5	2656.0	2635.5	2647.2	2650.2	2664.9	2673.8	2670.9
37.5°	1770.8	2254.7	2523.3	2541.0	2561.7	2535.1	2552.8	2561.7	2573.5	2567.5	2567.5
40°	1564.2	2074.7	2425.9	2437.7	2455.4	2434.7	2452.4	2458.4	2464.3	2458.4	2455.4
42.5°	1410.7	1877.0	2322.6	2337.3	2325.5	2340.3	2346.2	2358.0	2349.2	2337.3	2337.3
45°	1292.6	1823.9	2210.4	2228.1	2210.4	2234.1	2243.0	2243.0	2216.4	2210.4	2207.5
47.5°	1254.2	1717.6	2098.3	2098.3	2089.5	2119.0	2133.7	2113.0	2086.5	2077.6	2077.6
50°	1251.3	1599.6	1944.8	1933.0	1974.4	2009.8	1995.0	1974.4	1953.7	1921.3	1921.3
52.5°	1136.2	1454.9	1747.1	1791.4	1856.3	1877.0	1853.3	1832.7	1797.3	1782.5	1770.8
55°	1053.6	1304.5	1567.1	1655.6	1723.5	1750.1	1705.8	1685.1	1632.0	1623.2	1617.3
57.5°	1035.9	1086.0	1401.8	1513.9	1596.6	1593.6	1567.1	1528.8	1484.5	1475.6	1472.7
60°	950.3	785.0	1224.8	1357.6	1443.1	1434.3	1410.7	1375.3	1334.0	1328.0	1322.2
62.5°	861.7	569.6	1024.0	1174.5	1295.6	1292.6	1271.9	1218.8	1189.4	1174.5	1162.8
65°	731.9	478.1	728.9	976.9	1151.0	1156.8	1112.6	1074.3	1041.7	1024.0	1021.2
67.5°	557.8	389.5	492.9	814.6	1012.3	1006.3	950.3	932.6	891.3	882.4	864.7
70°	413.2	259.7	342.4	661.1	876.5	861.7	817.4	796.9	758.5	737.8	726.0
72.5°	342.4	209.5	250.9	513.5	737.8	720.1	681.8	658.1	625.7	608.0	596.1
75°	277.4	221.3	191.8	380.7	599.1	587.3	551.9	528.3	501.7	478.1	481.0
77.5°	203.6	206.6	153.5	280.4	475.2	457.5	436.8	407.2	395.5	371.8	371.8
80°	153.5	162.3	115.1	191.8	342.4	342.4	324.7	304.0	283.3	271.6	271.6
82.5°	103.2	103.2	85.5	121.0	233.2	224.3	212.5	206.6	194.8	188.9	188.9
85°	47.2	59.0	53.1	73.8	126.9	132.8	132.8	126.9	123.9	118.1	121.0
87.5°	14.7	26.6	32.4	41.3	65.0	67.8	70.8	70.8	70.8	73.8	73.8
90°	5.4	9.8	14.1	15.2	23.8	35.3	41.1	36.5	27.4	20.6	20.6
92.5°	21.6	58.4	95.2	104.4	146.8	203.2	231.4	202.8	145.6	102.7	98.6
95°	51.9	119.2	186.4	203.3	360.9	571.2	676.3	603.5	457.9	348.7	336.3
97.5°	89.7	149.1	208.5	223.3	486.2	836.8	1012.1	966.0	874.0	805.1	781.5
100°	118.9	172.7	226.6	240.1	531.9	920.9	1115.3	1118.7	1125.4	1130.5	1102.4
102.5°	143.8	194.0	244.3	256.8	552.7	947.3	1144.5	1203.1	1320.4	1408.4	1384.4
105°	186.0	228.6	271.0	281.7	568.2	950.3	1141.3	1272.7	1535.6	1732.7	1719.8
107.5°	229.3	268.9	308.5	318.5	571.1	908.0	1076.4	1259.7	1626.4	1901.5	1904.6
110°	258.5	294.2	330.0	339.0	566.7	870.5	1022.4	1227.3	1637.2	1944.7	1958.2



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	287.1	321.2	355.3	363.8	566.9	837.8	973.2	1183.0	1602.5	1917.2	1937.8
115°	330.3	361.8	393.3	401.1	572.1	800.2	914.2	1116.3	1520.5	1823.6	1852.3
117.5°	373.1	401.7	430.3	437.4	582.9	776.7	873.7	1056.0	1420.8	1694.4	1726.1
120°	397.9	424.8	451.7	458.4	591.4	768.8	857.5	1024.1	1357.4	1607.3	1638.2
122.5°	422.2	449.4	476.6	483.4	603.9	764.6	845.0	995.1	1295.2	1520.3	1550.7
125°	459.6	484.3	509.0	515.2	620.6	761.2	831.5	959.0	1213.9	1405.1	1433.2
127.5°	489.8	514.8	539.8	546.1	637.5	759.3	820.1	929.6	1148.5	1312.7	1336.3
130°	506.0	532.9	559.8	566.6	649.7	760.5	815.9	913.3	1108.2	1254.3	1276.2
132.5°	522.8	549.7	576.7	583.4	659.6	761.2	812.0	899.2	1073.7	1204.5	1224.2
135°	547.6	572.1	596.7	602.8	670.4	760.5	805.6	878.7	1024.7	1134.3	1151.2
137.5°	573.1	597.3	621.6	627.7	686.6	765.2	804.5	866.2	989.8	1082.4	1096.1
140°	594.2	616.5	638.9	644.4	696.5	766.0	800.7	854.1	960.7	1040.8	1053.7
142.5°	610.4	631.1	651.8	656.9	704.9	768.8	800.7	847.5	941.3	1011.6	1022.6
145°	635.3	653.3	671.3	675.8	715.7	768.8	795.3	833.7	910.3	967.8	976.2
147.5°	660.1	677.7	695.3	699.6	731.5	774.0	795.3	825.5	885.7	931.0	938.0
150°	676.3	692.2	708.1	712.0	739.7	776.8	795.3	820.8	871.7	909.9	915.5
152.5°	693.1	705.1	717.2	720.1	745.2	778.6	795.3	817.0	860.5	893.1	897.4
155°	717.9	726.8	735.7	738.0	757.1	782.6	795.3	812.6	847.2	873.2	876.0
157.5°	736.3	745.0	753.6	755.8	769.0	786.5	795.3	808.7	835.7	855.8	857.8
160°	748.8	755.5	762.2	763.9	774.4	788.3	795.3	806.8	829.9	847.2	848.3
162.5°	761.2	766.3	771.3	772.6	780.2	790.2	795.3	805.1	824.5	839.1	840.1
165°	774.7	779.2	783.9	785.0	788.4	793.0	795.3	802.3	816.2	826.7	827.8
167.5°	787.2	789.4	791.5	792.1	794.9	798.8	800.7	805.2	814.4	821.3	821.7
170°	795.3	797.5	799.7	800.2	800.4	800.6	800.7	805.2	814.4	821.3	821.3
172.5°	799.7	800.1	800.6	800.7	800.7	800.7	800.7	804.3	811.5	816.9	816.5
175°	805.6	805.6	805.6	805.6	803.9	801.7	800.7	803.0	807.6	811.0	811.0
177.5°	805.6	805.6	805.6	805.6	804.3	802.6	801.7	803.6	807.2	809.9	809.4
180°	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4
2.5°	3199.1	3190.2	3199.1	3193.2	3196.2	3187.3	3160.8	3151.9	3160.8	3169.6	3169.6
5°	3237.5	3231.6	3237.5	3237.5	3234.5	3228.6	3199.1	3193.2	3199.1	3202.0	3196.2
7.5°	3249.3	3240.4	3249.3	3243.4	3243.4	3237.5	3208.0	3202.0	3205.0	3213.9	3205.0
10°	3249.3	3240.4	3249.3	3246.3	3243.4	3237.5	3208.0	3196.2	3196.2	3205.0	3196.2
12.5°	3234.5	3228.6	3234.5	3228.6	3228.6	3222.7	3193.2	3181.4	3184.3	3187.3	3175.5
15°	3210.9	3202.0	3210.9	3205.0	3208.0	3199.1	3166.6	3154.8	3154.8	3160.8	3140.1
17.5°	3175.5	3163.7	3175.5	3172.5	3169.6	3163.7	3134.2	3122.4	3119.4	3122.4	3107.6
20°	3134.2	3125.3	3134.2	3131.2	3131.2	3119.4	3089.9	3075.1	3075.1	3075.1	3060.4
22.5°	3069.2	3060.4	3069.2	3075.1	3075.1	3072.2	3045.7	3025.0	3019.1	3019.1	3001.4
25°	2995.4	2986.6	2995.4	2995.4	2992.6	2995.4	2986.6	2974.9	2966.0	2957.1	2939.4
27.5°	2924.6	2918.7	2924.6	2918.7	2924.6	2915.8	2912.9	2909.9	2898.1	2889.2	2865.6
30°	2853.8	2847.9	2853.8	2847.9	2842.0	2836.1	2821.4	2815.4	2827.2	2821.4	2783.0
32.5°	2765.3	2759.4	2765.3	2765.3	2759.4	2759.4	2735.7	2726.9	2729.9	2747.6	2712.2
35°	2673.8	2664.9	2673.8	2670.9	2673.8	2664.9	2650.2	2647.2	2635.5	2656.0	2629.5
37.5°	2567.5	2558.7	2567.5	2567.5	2567.5	2573.5	2561.7	2552.8	2535.1	2561.7	2541.0
40°	2458.4	2446.6	2458.4	2455.4	2458.4	2464.3	2458.4	2452.4	2434.7	2455.4	2437.7
42.5°	2334.4	2331.5	2334.4	2337.3	2337.3	2349.2	2358.0	2346.2	2340.3	2325.5	2337.3
45°	2201.6	2195.7	2201.6	2207.5	2210.4	2216.4	2243.0	2243.0	2234.1	2210.4	2228.1
47.5°	2059.9	2045.2	2059.9	2077.6	2077.6	2086.5	2113.0	2133.7	2119.0	2089.5	2098.3
50°	1909.4	1912.4	1909.4	1921.3	1921.3	1953.7	1974.4	1995.0	2009.8	1974.4	1933.0
52.5°	1761.9	1758.9	1761.9	1770.8	1782.5	1797.3	1832.7	1853.3	1877.0	1856.3	1791.4
55°	1614.3	1620.2	1614.3	1617.3	1623.2	1632.0	1685.1	1705.8	1750.1	1723.5	1655.6
57.5°	1466.8	1457.9	1466.8	1472.7	1475.6	1484.5	1528.8	1567.1	1593.6	1596.6	1513.9
60°	1295.6	1283.8	1295.6	1322.2	1328.0	1334.0	1375.3	1410.7	1434.3	1443.1	1357.6
62.5°	1145.1	1124.4	1145.1	1162.8	1174.5	1189.4	1218.8	1271.9	1292.6	1295.6	1174.5
65°	985.7	976.9	985.7	1021.2	1024.0	1041.7	1074.3	1112.6	1156.8	1151.0	976.9
67.5°	841.1	841.1	841.1	864.7	882.4	891.3	932.6	950.3	1006.3	1012.3	814.6
70°	708.3	705.3	708.3	726.0	737.8	758.5	796.9	817.4	861.7	876.5	661.1
72.5°	581.4	578.4	581.4	596.1	608.0	625.7	658.1	681.8	720.1	737.8	513.5
75°	469.2	463.3	469.2	481.0	478.1	501.7	528.3	551.9	587.3	599.1	380.7
77.5°	360.1	360.1	360.1	371.8	371.8	395.5	407.2	436.8	457.5	475.2	280.4
80°	268.6	265.6	268.6	271.6	271.6	283.3	304.0	324.7	342.4	342.4	191.8
82.5°	188.9	183.0	188.9	188.9	188.9	194.8	206.6	212.5	224.3	233.2	121.0
85°	118.1	118.1	118.1	121.0	118.1	123.9	126.9	132.8	132.8	126.9	73.8
87.5°	76.7	73.8	76.7	73.8	73.8	70.8	70.8	70.8	67.8	65.0	41.3
90°	20.6	20.6	20.6	20.6	20.6	27.4	36.5	41.1	35.3	23.8	15.2
92.5°	82.3	65.9	82.3	98.6	102.7	145.6	202.8	231.4	203.2	146.8	104.4
95°	286.9	237.4	286.9	336.3	348.7	457.9	603.5	676.3	571.2	360.9	203.3
97.5°	687.2	593.1	687.2	781.5	805.1	874.0	966.0	1012.1	836.8	486.2	223.3
100°	990.3	878.1	990.3	1102.4	1130.5	1125.4	1118.7	1115.3	920.9	531.9	240.1
102.5°	1288.3	1192.2	1288.3	1384.4	1408.4	1320.4	1203.1	1144.5	947.3	552.7	256.8
105°	1668.1	1616.5	1668.1	1719.8	1732.7	1535.6	1272.7	1141.3	950.3	568.2	281.7
107.5°	1917.1	1929.5	1917.1	1904.6	1901.5	1626.4	1259.7	1076.4	908.0	571.1	318.5
110°	2012.0	2065.8	2012.0	1958.2	1944.7	1637.2	1227.3	1022.4	870.5	566.7	339.0





TEST NUMBER: P934944

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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2020.4	2103.1	2020.4	1937.8	1917.2	1602.5	1183.0	973.2	837.8	566.9	363.8
115°	1966.9	2081.5	1966.9	1852.3	1823.6	1520.5	1116.3	914.2	800.2	572.1	401.1
117.5°	1853.2	1980.4	1853.2	1726.1	1694.4	1420.8	1056.0	873.7	776.7	582.9	437.4
120°	1761.8	1885.3	1761.8	1638.2	1607.3	1357.4	1024.1	857.5	768.8	591.4	458.4
122.5°	1672.6	1794.4	1672.6	1550.7	1520.3	1295.2	995.1	845.0	764.6	603.9	483.4
125°	1545.4	1657.6	1545.4	1433.2	1405.1	1213.9	959.0	831.5	761.2	620.6	515.2
127.5°	1431.0	1525.7	1431.0	1336.3	1312.7	1148.5	929.6	820.1	759.3	637.5	546.1
130°	1363.6	1451.1	1363.6	1276.2	1254.3	1108.2	913.3	815.9	760.5	649.7	566.6
132.5°	1302.5	1380.8	1302.5	1224.2	1204.5	1073.7	899.2	812.0	761.2	659.6	583.4
135°	1218.7	1286.2	1218.7	1151.2	1134.3	1024.7	878.7	805.6	760.5	670.4	602.8
137.5°	1151.4	1206.7	1151.4	1096.1	1082.4	989.8	866.2	804.5	765.2	686.6	627.7
140°	1105.4	1157.0	1105.4	1053.7	1040.8	960.7	854.1	800.7	766.0	696.5	644.4
142.5°	1067.1	1111.6	1067.1	1022.6	1011.6	941.3	847.5	800.7	768.8	704.9	656.9
145°	1009.8	1043.5	1009.8	976.2	967.8	910.3	833.7	795.3	768.8	715.7	675.8
147.5°	965.8	993.7	965.8	938.0	931.0	885.7	825.5	795.3	774.0	731.5	699.6
150°	938.1	960.7	938.1	915.5	909.9	871.7	820.8	795.3	776.8	739.7	712.0
152.5°	914.4	931.5	914.4	897.4	893.1	860.5	817.0	795.3	778.6	745.2	720.1
155°	887.3	898.5	887.3	876.0	873.2	847.2	812.6	795.3	782.6	757.1	738.0
157.5°	865.8	873.7	865.8	857.8	855.8	835.7	808.7	795.3	786.5	769.0	755.8
160°	852.9	857.5	852.9	848.3	847.2	829.9	806.8	795.3	788.3	774.4	763.9
162.5°	844.5	848.8	844.5	840.1	839.1	824.5	805.1	795.3	790.2	780.2	772.6
165°	832.4	836.9	832.4	827.8	826.7	816.2	802.3	795.3	793.0	788.4	785.0
167.5°	823.6	825.6	823.6	821.7	821.3	814.4	805.2	800.7	798.8	794.9	792.1
170°	821.3	821.3	821.3	821.3	821.3	814.4	805.2	800.7	800.6	800.4	800.2
172.5°	814.8	813.2	814.8	816.5	816.9	811.5	804.3	800.7	800.7	800.7	800.7
175°	811.0	811.0	811.0	811.0	811.0	807.6	803.0	800.7	801.7	803.9	805.6
177.5°	807.5	805.6	807.5	809.4	809.9	807.2	803.6	801.7	802.6	804.3	805.6
180°	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6



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CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4
2.5°	3163.7	3145.9	3145.9	3116.5	3104.7	3095.8	3081.1	3036.8	3025.0	3013.1	3030.9
5°	3190.2	3157.8	3134.2	3081.1	3036.8	3019.1	2963.0	2856.8	2786.0	2732.8	2703.3
7.5°	3196.2	3154.8	3110.5	3028.0	2921.7	2874.5	2703.3	2508.5	2455.4	2408.2	2378.6
10°	3190.2	3143.1	3081.1	2957.1	2706.3	2623.6	2452.4	2325.5	2293.1	2284.2	2293.1
12.5°	3169.6	3125.3	3039.7	2833.2	2482.0	2425.9	2325.5	2251.8	2245.8	2260.7	2340.3
15°	3134.2	3092.8	2992.6	2667.9	2358.0	2316.7	2245.8	2219.3	2251.8	2355.1	2594.1
17.5°	3098.8	3051.5	2927.6	2505.6	2263.5	2234.1	2183.9	2237.0	2420.0	2558.7	2638.3
20°	3051.5	2995.4	2853.8	2387.5	2195.7	2169.1	2145.6	2384.6	2523.3	2573.5	2617.8
22.5°	2995.4	2936.5	2753.4	2304.9	2124.9	2104.2	2119.0	2467.2	2523.3	2558.7	2597.1
25°	2921.7	2871.5	2635.5	2240.0	2068.8	2045.2	2101.3	2458.4	2490.8	2499.7	2576.4
27.5°	2853.8	2788.9	2511.5	2181.0	2000.9	1992.1	2116.0	2420.0	2443.6	2452.4	2535.1
30°	2771.1	2673.8	2372.8	2119.0	1930.1	1927.1	2119.0	2372.8	2366.9	2390.5	2473.1
32.5°	2685.6	2502.7	2216.4	2042.2	1862.2	1859.3	2098.3	2301.9	2296.1	2328.5	2390.5
35°	2605.9	2369.8	2003.8	1953.7	1776.6	1779.6	2048.1	2219.3	2222.3	2251.8	2290.1
37.5°	2523.3	2254.7	1770.8	1856.3	1694.0	1694.0	1980.2	2142.6	2136.7	2145.6	2198.7
40°	2425.9	2074.7	1564.2	1729.4	1617.3	1608.4	1897.6	2059.9	2039.3	2036.4	2110.1
42.5°	2322.6	1877.0	1410.7	1561.2	1528.8	1516.9	1797.3	1959.6	1921.3	1930.1	2024.5
45°	2210.4	1823.9	1292.6	1319.2	1437.2	1428.4	1688.1	1844.5	1817.9	1841.6	1939.0
47.5°	2098.3	1717.6	1254.2	1094.9	1339.9	1336.9	1567.1	1732.4	1717.6	1741.2	1844.5
50°	1944.8	1599.6	1251.3	938.5	1230.6	1242.5	1422.5	1623.2	1623.2	1643.8	1753.0
52.5°	1747.1	1454.9	1136.2	850.0	1103.7	1139.1	1295.6	1528.8	1534.6	1555.3	1652.7
55°	1567.1	1304.5	1053.6	782.0	953.2	1030.0	1171.7	1431.4	1443.1	1463.8	1552.3
57.5°	1401.8	1086.0	1035.9	702.4	814.6	888.3	1062.4	1336.9	1342.8	1360.5	1446.1
60°	1224.8	785.0	950.3	616.8	693.5	749.6	962.1	1224.8	1245.4	1257.2	1331.0
62.5°	1024.0	569.6	861.7	557.8	634.5	646.4	879.4	1118.5	1145.1	1154.0	1198.2
65°	728.9	478.1	731.9	507.6	572.5	575.5	790.9	1009.3	1032.9	1047.7	1080.1
67.5°	492.9	389.5	557.8	460.3	525.3	528.3	705.3	882.4	914.9	926.7	947.4
70°	342.4	259.7	413.2	410.2	472.2	478.1	613.8	767.3	796.9	805.7	817.4
72.5°	250.9	209.5	342.4	368.9	416.1	422.1	519.4	637.5	666.9	675.8	681.8
75°	191.8	221.3	277.4	321.7	354.1	357.1	424.9	519.4	540.1	546.0	548.9
77.5°	153.5	206.6	203.6	259.7	289.3	283.3	333.5	401.4	419.1	419.1	419.1
80°	115.1	162.3	153.5	185.9	212.5	206.6	239.0	286.3	292.1	298.1	295.1
82.5°	85.5	103.2	103.2	118.1	141.6	135.8	159.4	185.9	185.9	185.9	191.8
85°	53.1	59.0	47.2	62.0	79.7	76.7	88.5	100.4	103.2	103.2	97.4
87.5°	32.4	26.6	14.7	23.6	35.4	35.4	41.3	44.3	41.3	41.3	41.3
90°	14.1	9.8	5.4	9.8	14.1	15.2	23.8	35.3	41.1	36.5	27.4
92.5°	95.2	58.4	21.6	58.4	95.2	104.4	146.8	203.2	231.4	202.8	145.6
95°	186.4	119.2	51.9	119.2	186.4	203.3	360.9	571.2	676.3	603.5	457.9
97.5°	208.5	149.1	89.7	149.1	208.5	223.3	486.2	836.8	1012.1	966.0	874.0
100°	226.6	172.7	118.9	172.7	226.6	240.1	531.9	920.9	1115.3	1118.7	1125.4
102.5°	244.3	194.0	143.8	194.0	244.3	256.8	552.7	947.3	1144.5	1203.1	1320.4
105°	271.0	228.6	186.0	228.6	271.0	281.7	568.2	950.3	1141.3	1272.7	1535.6
107.5°	308.5	268.9	229.3	268.9	308.5	318.5	571.1	908.0	1076.4	1259.7	1626.4
110°	330.0	294.2	258.5	294.2	330.0	339.0	566.7	870.5	1022.4	1227.3	1637.2



TEST NUMBER: P934944

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	355.3	321.2	287.1	321.2	355.3	363.8	566.9	837.8	973.2	1183.0	1602.5
115°	393.3	361.8	330.3	361.8	393.3	401.1	572.1	800.2	914.2	1116.3	1520.5
117.5°	430.3	401.7	373.1	401.7	430.3	437.4	582.9	776.7	873.7	1056.0	1420.8
120°	451.7	424.8	397.9	424.8	451.7	458.4	591.4	768.8	857.5	1024.1	1357.4
122.5°	476.6	449.4	422.2	449.4	476.6	483.4	603.9	764.6	845.0	995.1	1295.2
125°	509.0	484.3	459.6	484.3	509.0	515.2	620.6	761.2	831.5	959.0	1213.9
127.5°	539.8	514.8	489.8	514.8	539.8	546.1	637.5	759.3	820.1	929.6	1148.5
130°	559.8	532.9	506.0	532.9	559.8	566.6	649.7	760.5	815.9	913.3	1108.2
132.5°	576.7	549.7	522.8	549.7	576.7	583.4	659.6	761.2	812.0	899.2	1073.7
135°	596.7	572.1	547.6	572.1	596.7	602.8	670.4	760.5	805.6	878.7	1024.7
137.5°	621.6	597.3	573.1	597.3	621.6	627.7	686.6	765.2	804.5	866.2	989.8
140°	638.9	616.5	594.2	616.5	638.9	644.4	696.5	766.0	800.7	854.1	960.7
142.5°	651.8	631.1	610.4	631.1	651.8	656.9	704.9	768.8	800.7	847.5	941.3
145°	671.3	653.3	635.3	653.3	671.3	675.8	715.7	768.8	795.3	833.7	910.3
147.5°	695.3	677.7	660.1	677.7	695.3	699.6	731.5	774.0	795.3	825.5	885.7
150°	708.1	692.2	676.3	692.2	708.1	712.0	739.7	776.8	795.3	820.8	871.7
152.5°	717.2	705.1	693.1	705.1	717.2	720.1	745.2	778.6	795.3	817.0	860.5
155°	735.7	726.8	717.9	726.8	735.7	738.0	757.1	782.6	795.3	812.6	847.2
157.5°	753.6	745.0	736.3	745.0	753.6	755.8	769.0	786.5	795.3	808.7	835.7
160°	762.2	755.5	748.8	755.5	762.2	763.9	774.4	788.3	795.3	806.8	829.9
162.5°	771.3	766.3	761.2	766.3	771.3	772.6	780.2	790.2	795.3	805.1	824.5
165°	783.9	779.2	774.7	779.2	783.9	785.0	788.4	793.0	795.3	802.3	816.2
167.5°	791.5	789.4	787.2	789.4	791.5	792.1	794.9	798.8	800.7	805.2	814.4
170°	799.7	797.5	795.3	797.5	799.7	800.2	800.4	800.6	800.7	805.2	814.4
172.5°	800.6	800.1	799.7	800.1	800.6	800.7	800.7	800.7	800.7	804.3	811.5
175°	805.6	805.6	805.6	805.6	805.6	805.6	803.9	801.7	800.7	803.0	807.6
177.5°	805.6	805.6	805.6	805.6	805.6	805.6	804.3	802.6	801.7	803.6	807.2
180°	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6



TEST NUMBER: P934944

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4	3119.4
2.5°	3010.3	3001.4	3013.1	2980.7	3013.1	3001.4	3010.3	3030.9	3013.1	3025.0	3036.8
5°	2641.3	2626.6	2579.4	2541.0	2579.4	2626.6	2641.3	2703.3	2732.8	2786.0	2856.8
7.5°	2360.9	2349.2	2337.3	2313.8	2337.3	2349.2	2360.9	2378.6	2408.2	2455.4	2508.5
10°	2299.0	2301.9	2319.6	2316.7	2319.6	2301.9	2299.0	2293.1	2284.2	2293.1	2325.5
12.5°	2458.4	2484.9	2582.3	2576.4	2582.3	2484.9	2458.4	2340.3	2260.7	2245.8	2251.8
15°	2641.3	2650.2	2670.9	2673.8	2670.9	2650.2	2641.3	2594.1	2355.1	2251.8	2219.3
17.5°	2659.0	2662.0	2676.7	2676.7	2676.7	2662.0	2659.0	2638.3	2558.7	2420.0	2237.0
20°	2644.3	2650.2	2679.7	2685.6	2679.7	2650.2	2644.3	2617.8	2573.5	2523.3	2384.6
22.5°	2638.3	2650.2	2673.8	2670.9	2673.8	2650.2	2638.3	2597.1	2558.7	2523.3	2467.2
25°	2608.9	2608.9	2611.8	2614.8	2611.8	2608.9	2608.9	2576.4	2499.7	2490.8	2458.4
27.5°	2546.9	2552.8	2570.5	2567.5	2570.5	2552.8	2546.9	2535.1	2452.4	2443.6	2420.0
30°	2490.8	2484.9	2470.1	2458.4	2470.1	2484.9	2490.8	2473.1	2390.5	2366.9	2372.8
32.5°	2396.3	2381.6	2366.9	2358.0	2366.9	2381.6	2396.3	2390.5	2328.5	2296.1	2301.9
35°	2284.2	2287.2	2284.2	2275.4	2284.2	2287.2	2284.2	2290.1	2251.8	2222.3	2219.3
37.5°	2204.6	2210.4	2207.5	2195.7	2207.5	2210.4	2204.6	2198.7	2145.6	2136.7	2142.6
40°	2121.9	2124.9	2121.9	2113.0	2121.9	2124.9	2121.9	2110.1	2036.4	2039.3	2059.9
42.5°	2042.2	2039.3	2030.4	2024.5	2030.4	2039.3	2042.2	2024.5	1930.1	1921.3	1959.6
45°	1950.7	1953.7	1936.0	1927.1	1936.0	1953.7	1950.7	1939.0	1841.6	1817.9	1844.5
47.5°	1859.3	1859.3	1844.5	1835.6	1844.5	1859.3	1859.3	1844.5	1741.2	1717.6	1732.4
50°	1761.9	1758.9	1738.2	1735.3	1738.2	1758.9	1761.9	1753.0	1643.8	1623.2	1623.2
52.5°	1649.7	1649.7	1652.7	1658.6	1652.7	1649.7	1649.7	1652.7	1555.3	1534.6	1528.8
55°	1552.3	1555.3	1575.9	1581.9	1575.9	1555.3	1552.3	1552.3	1463.8	1443.1	1431.4
57.5°	1452.0	1452.0	1466.8	1466.8	1466.8	1452.0	1452.0	1446.1	1360.5	1342.8	1336.9
60°	1336.9	1342.8	1354.6	1351.7	1354.6	1342.8	1336.9	1331.0	1257.2	1245.4	1224.8
62.5°	1215.9	1221.8	1224.8	1218.8	1224.8	1221.8	1215.9	1198.2	1154.0	1145.1	1118.5
65°	1089.0	1094.9	1097.9	1092.0	1097.9	1094.9	1089.0	1080.1	1047.7	1032.9	1009.3
67.5°	959.2	956.2	953.2	965.1	953.2	956.2	959.2	947.4	926.7	914.9	882.4
70°	826.3	826.3	823.4	829.3	823.4	826.3	826.3	817.4	805.7	796.9	767.3
72.5°	684.7	681.8	693.5	684.7	693.5	681.8	684.7	681.8	675.8	666.9	637.5
75°	546.0	551.9	546.0	554.8	546.0	551.9	546.0	548.9	546.0	540.1	519.4
77.5°	416.1	422.1	416.1	416.1	416.1	422.1	416.1	419.1	419.1	419.1	401.4
80°	295.1	292.1	292.1	289.3	292.1	292.1	295.1	295.1	298.1	292.1	286.3
82.5°	188.9	185.9	185.9	191.8	185.9	185.9	188.9	191.8	185.9	185.9	185.9
85°	103.2	106.2	100.4	100.4	100.4	106.2	103.2	97.4	103.2	103.2	100.4
87.5°	38.4	35.4	35.4	35.4	35.4	35.4	38.4	41.3	41.3	41.3	44.3
90°	20.6	20.6	20.6	20.6	20.6	20.6	20.6	27.4	36.5	41.1	35.3
92.5°	102.7	98.6	82.3	65.9	82.3	98.6	102.7	145.6	202.8	231.4	203.2
95°	348.7	336.3	286.9	237.4	286.9	336.3	348.7	457.9	603.5	676.3	571.2
97.5°	805.1	781.5	687.2	593.1	687.2	781.5	805.1	874.0	966.0	1012.1	836.8
100°	1130.5	1102.4	990.3	878.1	990.3	1102.4	1130.5	1125.4	1118.7	1115.3	920.9
102.5°	1408.4	1384.4	1288.3	1192.2	1288.3	1384.4	1408.4	1320.4	1203.1	1144.5	947.3
105°	1732.7	1719.8	1668.1	1616.5	1668.1	1719.8	1732.7	1535.6	1272.7	1141.3	950.3
107.5°	1901.5	1904.6	1917.1	1929.5	1917.1	1904.6	1901.5	1626.4	1259.7	1076.4	908.0
110°	1944.7	1958.2	2012.0	2065.8	2012.0	1958.2	1944.7	1637.2	1227.3	1022.4	870.5



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1917.2	1937.8	2020.4	2103.1	2020.4	1937.8	1917.2	1602.5	1183.0	973.2	837.8
115°	1823.6	1852.3	1966.9	2081.5	1966.9	1852.3	1823.6	1520.5	1116.3	914.2	800.2
117.5°	1694.4	1726.1	1853.2	1980.4	1853.2	1726.1	1694.4	1420.8	1056.0	873.7	776.7
120°	1607.3	1638.2	1761.8	1885.3	1761.8	1638.2	1607.3	1357.4	1024.1	857.5	768.8
122.5°	1520.3	1550.7	1672.6	1794.4	1672.6	1550.7	1520.3	1295.2	995.1	845.0	764.6
125°	1405.1	1433.2	1545.4	1657.6	1545.4	1433.2	1405.1	1213.9	959.0	831.5	761.2
127.5°	1312.7	1336.3	1431.0	1525.7	1431.0	1336.3	1312.7	1148.5	929.6	820.1	759.3
130°	1254.3	1276.2	1363.6	1451.1	1363.6	1276.2	1254.3	1108.2	913.3	815.9	760.5
132.5°	1204.5	1224.2	1302.5	1380.8	1302.5	1224.2	1204.5	1073.7	899.2	812.0	761.2
135°	1134.3	1151.2	1218.7	1286.2	1218.7	1151.2	1134.3	1024.7	878.7	805.6	760.5
137.5°	1082.4	1096.1	1151.4	1206.7	1151.4	1096.1	1082.4	989.8	866.2	804.5	765.2
140°	1040.8	1053.7	1105.4	1157.0	1105.4	1053.7	1040.8	960.7	854.1	800.7	766.0
142.5°	1011.6	1022.6	1067.1	1111.6	1067.1	1022.6	1011.6	941.3	847.5	800.7	768.8
145°	967.8	976.2	1009.8	1043.5	1009.8	976.2	967.8	910.3	833.7	795.3	768.8
147.5°	931.0	938.0	965.8	993.7	965.8	938.0	931.0	885.7	825.5	795.3	774.0
150°	909.9	915.5	938.1	960.7	938.1	915.5	909.9	871.7	820.8	795.3	776.8
152.5°	893.1	897.4	914.4	931.5	914.4	897.4	893.1	860.5	817.0	795.3	778.6
155°	873.2	876.0	887.3	898.5	887.3	876.0	873.2	847.2	812.6	795.3	782.6
157.5°	855.8	857.8	865.8	873.7	865.8	857.8	855.8	835.7	808.7	795.3	786.5
160°	847.2	848.3	852.9	857.5	852.9	848.3	847.2	829.9	806.8	795.3	788.3
162.5°	839.1	840.1	844.5	848.8	844.5	840.1	839.1	824.5	805.1	795.3	790.2
165°	826.7	827.8	832.4	836.9	832.4	827.8	826.7	816.2	802.3	795.3	793.0
167.5°	821.3	821.7	823.6	825.6	823.6	821.7	821.3	814.4	805.2	800.7	798.8
170°	821.3	821.3	821.3	821.3	821.3	821.3	821.3	814.4	805.2	800.7	800.6
172.5°	816.9	816.5	814.8	813.2	814.8	816.5	816.9	811.5	804.3	800.7	800.7
175°	811.0	811.0	811.0	811.0	811.0	811.0	811.0	807.6	803.0	800.7	801.7
177.5°	809.9	809.4	807.5	805.6	807.5	809.4	809.9	807.2	803.6	801.7	802.6
180°	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6	805.6



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	3119.4	3119.4	3119.4	3119.4	3119.4
2.5°	3081.1	3095.8	3104.7	3116.5	3145.9
5°	2963.0	3019.1	3036.8	3081.1	3134.2
7.5°	2703.3	2874.5	2921.7	3028.0	3110.5
10°	2452.4	2623.6	2706.3	2957.1	3081.1
12.5°	2325.5	2425.9	2482.0	2833.2	3039.7
15°	2245.8	2316.7	2358.0	2667.9	2992.6
17.5°	2183.9	2234.1	2263.5	2505.6	2927.6
20°	2145.6	2169.1	2195.7	2387.5	2853.8
22.5°	2119.0	2104.2	2124.9	2304.9	2753.4
25°	2101.3	2045.2	2068.8	2240.0	2635.5
27.5°	2116.0	1992.1	2000.9	2181.0	2511.5
30°	2119.0	1927.1	1930.1	2119.0	2372.8
32.5°	2098.3	1859.3	1862.2	2042.2	2216.4
35°	2048.1	1779.6	1776.6	1953.7	2003.8
37.5°	1980.2	1694.0	1694.0	1856.3	1770.8
40°	1897.6	1608.4	1617.3	1729.4	1564.2
42.5°	1797.3	1516.9	1528.8	1561.2	1410.7
45°	1688.1	1428.4	1437.2	1319.2	1292.6
47.5°	1567.1	1336.9	1339.9	1094.9	1254.2
50°	1422.5	1242.5	1230.6	938.5	1251.3
52.5°	1295.6	1139.1	1103.7	850.0	1136.2
55°	1171.7	1030.0	953.2	782.0	1053.6
57.5°	1062.4	888.3	814.6	702.4	1035.9
60°	962.1	749.6	693.5	616.8	950.3
62.5°	879.4	646.4	634.5	557.8	861.7
65°	790.9	575.5	572.5	507.6	731.9
67.5°	705.3	528.3	525.3	460.3	557.8
70°	613.8	478.1	472.2	410.2	413.2
72.5°	519.4	422.1	416.1	368.9	342.4
75°	424.9	357.1	354.1	321.7	277.4
77.5°	333.5	283.3	289.3	259.7	203.6
80°	239.0	206.6	212.5	185.9	153.5
82.5°	159.4	135.8	141.6	118.1	103.2
85°	88.5	76.7	79.7	62.0	47.2
87.5°	41.3	35.4	35.4	23.6	14.7
90°	23.8	15.2	14.1	9.8	5.4
92.5°	146.8	104.4	95.2	58.4	21.6
95°	360.9	203.3	186.4	119.2	51.9
97.5°	486.2	223.3	208.5	149.1	89.7
100°	531.9	240.1	226.6	172.7	118.9
102.5°	552.7	256.8	244.3	194.0	143.8
105°	568.2	281.7	271.0	228.6	186.0
107.5°	571.1	318.5	308.5	268.9	229.3
110°	566.7	339.0	330.0	294.2	258.5



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CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-8-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	566.9	363.8	355.3	321.2	287.1
115°	572.1	401.1	393.3	361.8	330.3
117.5°	582.9	437.4	430.3	401.7	373.1
120°	591.4	458.4	451.7	424.8	397.9
122.5°	603.9	483.4	476.6	449.4	422.2
125°	620.6	515.2	509.0	484.3	459.6
127.5°	637.5	546.1	539.8	514.8	489.8
130°	649.7	566.6	559.8	532.9	506.0
132.5°	659.6	583.4	576.7	549.7	522.8
135°	670.4	602.8	596.7	572.1	547.6
137.5°	686.6	627.7	621.6	597.3	573.1
140°	696.5	644.4	638.9	616.5	594.2
142.5°	704.9	656.9	651.8	631.1	610.4
145°	715.7	675.8	671.3	653.3	635.3
147.5°	731.5	699.6	695.3	677.7	660.1
150°	739.7	712.0	708.1	692.2	676.3
152.5°	745.2	720.1	717.2	705.1	693.1
155°	757.1	738.0	735.7	726.8	717.9
157.5°	769.0	755.8	753.6	745.0	736.3
160°	774.4	763.9	762.2	755.5	748.8
162.5°	780.2	772.6	771.3	766.3	761.2
165°	788.4	785.0	783.9	779.2	774.7
167.5°	794.9	792.1	791.5	789.4	787.2
170°	800.4	800.2	799.7	797.5	795.3
172.5°	800.7	800.7	800.6	800.1	799.7
175°	803.9	805.6	805.6	805.6	805.6
177.5°	804.3	805.6	805.6	805.6	805.6
180°	805.6	805.6	805.6	805.6	805.6



TEST NUMBER: P934944  
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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	16.00	15.89	16.88	17.99	17.87	18.84	18.73	19.72	20.82
	3H	15.52	16.38	16.39	17.27	18.41	19.22	20.09	20.10	20.98	22.12
	4H	15.71	16.53	16.60	17.43	18.57	19.68	20.49	20.56	21.39	22.54
	6H	15.84	16.59	16.74	17.49	18.65	19.97	20.72	20.87	21.63	22.78
	8H	15.84	16.56	16.75	17.48	18.64	20.05	20.77	20.95	21.69	22.84
	12H	15.81	16.50	16.73	17.41	18.60	20.09	20.77	21.00	21.69	22.87
4H	2H	16.08	16.90	16.97	17.79	18.94	18.29	19.11	19.18	20.01	21.15
	3H	17.11	17.80	18.02	18.73	19.89	19.81	20.49	20.71	21.42	22.58
	4H	17.40	18.02	18.31	18.94	20.13	20.34	20.96	21.26	21.89	23.07
	6H	17.53	18.06	18.46	19.01	20.20	20.72	21.25	21.64	22.20	23.39
	8H	17.53	18.04	18.47	18.98	20.18	20.83	21.33	21.76	22.27	23.47
	12H	17.51	17.96	18.46	18.92	20.12	20.89	21.34	21.84	22.30	23.51
8H	4H	17.86	18.36	18.79	19.30	20.50	20.48	20.98	21.41	21.92	23.12
	6H	18.12	18.54	19.08	19.52	20.72	20.92	21.33	21.88	22.32	23.52
	8H	18.17	18.54	19.14	19.51	20.73	21.07	21.44	22.04	22.41	23.63
	12H	18.16	18.48	19.13	19.45	20.71	21.18	21.50	22.15	22.47	23.73
12H	4H	17.87	18.32	18.82	19.28	20.49	20.44	20.90	21.40	21.86	23.06
	6H	18.19	18.55	19.15	19.53	20.75	20.92	21.28	21.88	22.26	23.47
	8H	18.26	18.58	19.23	19.55	20.81	21.08	21.41	22.05	22.37	23.64