

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: P934840

Luminaire Tested: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-6-4000K

Issue Date: 12/17/2024

**Test Information**

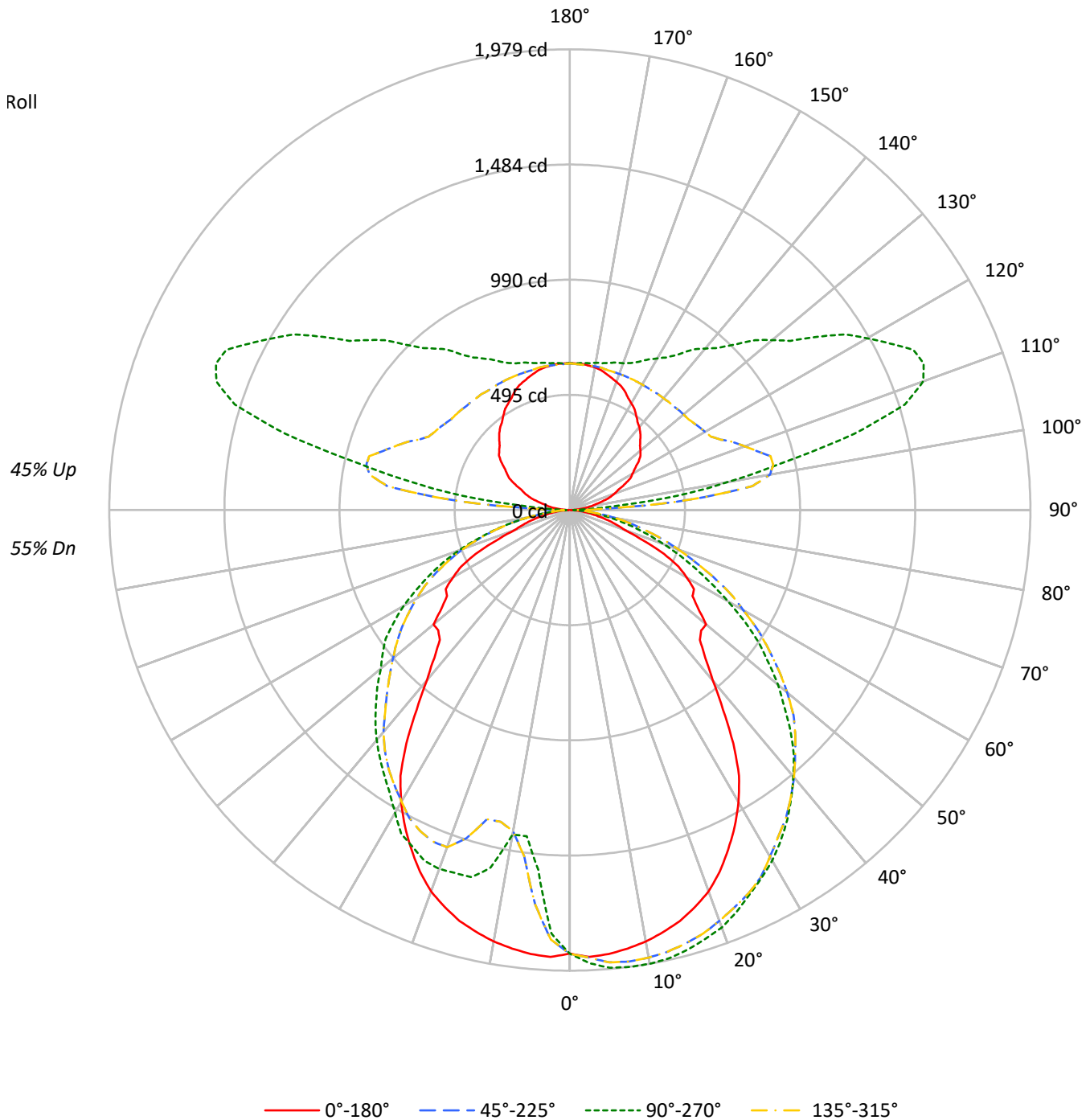
Test Method: LM-79-2019  
Report Number: P934840  
REPORT IS A COMBINATION OF REPORTS P933715 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-6-4000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 9028.1 lumens  
Efficiency: N/A  
Efficacy: 117.6 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: General Diffuse  
  
Input Watts (W): 76.8  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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### Luminous Intensity Polar Plot





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

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	108	108	108	108	100	100	100	100	86	86	86	73	73	73	60	60	60	55
1	99	95	91	87	92	88	85	82	76	73	71	64	62	61	54	52	51	46
2	90	83	76	71	83	77	72	67	66	62	59	56	53	51	47	45	43	39
3	82	73	65	59	76	68	61	56	58	53	49	50	46	43	42	39	37	33
4	75	64	56	50	69	60	53	47	52	46	42	44	40	37	37	34	32	28
5	69	57	49	43	64	54	46	41	46	41	36	40	35	32	34	30	28	24
6	64	51	43	37	59	48	41	35	42	36	32	36	31	28	30	27	24	21
7	59	46	38	33	54	43	36	31	38	32	28	33	28	25	28	24	21	19
8	55	42	34	29	51	39	32	27	35	29	25	30	25	22	25	22	19	17
9	51	38	31	26	47	36	29	25	32	26	22	27	23	20	24	20	17	15
10	47	35	28	23	44	33	26	22	29	24	20	25	21	18	22	18	16	14

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

	0°	90°	180°	270°
0°	11786	11786	11786	11786
5°	11870	11898	11870	9355
10°	11787	11721	11787	8379
15°	11654	11466	11654	9575
20°	11406	11166	11406	9594
25°	10903	10727	10903	9391
30°	10254	10362	10254	8945
35°	9137	9902	9137	8454
40°	7609	9360	7609	8084
45°	6795	8725	6795	7657
50°	7212	7967	7212	7229
55°	6780	7151	6780	6982
60°	6979	6074	6979	6395
65°	6319	5020	6319	5612
70°	4364	4001	4364	4704
75°	3814	2958	3814	3542
80°	3050	1956	3050	2130
85°	1717	1036	1717	881

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 10420 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	172.0	1.9
10°-20°	488.3	5.4
20°-30°	754.9	8.4
30°-40°	901.2	10.0
40°-50°	906.4	10.0
50°-60°	788.7	8.7
60°-70°	559.2	6.2
70°-80°	295.9	3.3
80°-90°	76.1	0.8
90°-100°	307.2	3.4
100°-110°	807.7	8.9
110°-120°	837.4	9.3
120°-130°	671.8	7.4
130°-140°	527.1	5.8
140°-150°	404.6	4.5
150°-160°	291.3	3.2
160°-170°	178.3	2.0
170°-180°	60.2	0.7
0°-30°	1415.2	15.7
0°-40°	2316.3	25.7
0°-60°	4011.5	44.4
0°-90°	4942.6	54.7
90°-120°	1952.3	21.6
90°-150°	3555.7	39.4
90°-180°	4086.0	45.3
0°-180°	9028.1	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1905	1905	1905	1905	1905	
5°	1914	1974	1914	1552	1914	182
15°	1828	1956	1828	1633	1828	514
25°	1610	1824	1610	1597	1610	739
35°	1224	1628	1224	1390	1224	757
45°	790	1341	790	1177	790	632
55°	644	990	644	966	644	591
65°	447	597	447	667	447	427
75°	170	283	170	339	170	178
85°	29	72	29	61	29	39
90°	4	16	4	16	4	5
95°	41	186	41	186	41	45
105°	146	1265	146	1265	146	154
115°	258	1628	258	1628	258	255
125°	360	1297	360	1297	360	319
135°	428	1006	428	1006	428	331
145°	497	816	497	816	497	311
155°	562	703	562	703	562	258
165°	606	655	606	655	606	171
175°	630	634	630	634	630	60
180°	630	630	630	630	630	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3
2.5°	1921.6	1921.6	1932.4	1936.0	1936.0	1930.6	1925.2	1930.6	1946.8	1952.3	1950.4
5°	1914.3	1928.8	1948.6	1952.3	1955.8	1954.0	1950.4	1954.0	1972.0	1975.6	1977.5
7.5°	1900.0	1927.0	1952.3	1957.6	1963.0	1957.6	1955.8	1959.4	1977.5	1981.1	1981.1
10°	1881.9	1919.8	1948.6	1952.3	1957.6	1952.3	1952.3	1959.4	1977.5	1981.1	1982.8
12.5°	1856.7	1909.0	1936.0	1939.6	1946.8	1945.0	1943.2	1950.4	1968.5	1972.0	1972.0
15°	1827.8	1889.1	1914.3	1918.0	1930.6	1927.0	1927.0	1934.2	1954.0	1959.4	1957.6
17.5°	1788.2	1863.8	1892.8	1898.1	1907.1	1905.3	1907.1	1914.3	1932.4	1936.0	1937.8
20°	1743.1	1829.6	1863.8	1869.3	1878.3	1878.3	1878.3	1887.3	1905.3	1912.6	1912.6
22.5°	1681.8	1793.6	1829.6	1833.3	1844.1	1844.1	1847.7	1860.3	1876.5	1878.3	1878.3
25°	1609.7	1754.0	1784.6	1795.4	1806.2	1811.6	1817.0	1824.3	1829.6	1827.8	1829.6
27.5°	1534.0	1703.5	1743.1	1750.3	1764.8	1770.2	1777.3	1779.2	1781.0	1786.3	1782.8
30°	1449.3	1633.2	1692.7	1699.8	1723.3	1726.9	1719.7	1723.3	1732.3	1736.0	1739.5
32.5°	1353.7	1528.6	1640.3	1656.6	1678.2	1667.4	1665.6	1671.0	1685.5	1685.5	1689.0
35°	1224.0	1447.5	1591.7	1606.1	1622.3	1609.7	1617.0	1618.7	1627.7	1633.2	1631.3
37.5°	1081.6	1377.2	1541.2	1552.0	1564.7	1548.5	1559.2	1564.7	1571.9	1568.3	1568.3
40°	955.4	1267.2	1481.7	1489.0	1499.8	1487.2	1498.0	1501.5	1505.2	1501.5	1499.8
42.5°	861.6	1146.4	1418.7	1427.7	1420.5	1429.5	1433.0	1440.3	1434.9	1427.7	1427.7
45°	789.6	1114.0	1350.2	1361.0	1350.2	1364.5	1370.0	1370.0	1353.7	1350.2	1348.4
47.5°	766.1	1049.1	1281.7	1281.7	1276.2	1294.2	1303.2	1290.7	1274.4	1269.0	1269.0
50°	764.3	977.0	1187.9	1180.7	1205.9	1227.6	1218.5	1205.9	1193.4	1173.5	1173.5
52.5°	694.0	888.7	1067.1	1094.2	1133.9	1146.4	1132.0	1119.4	1097.7	1088.7	1081.6
55°	643.6	796.8	957.2	1011.2	1052.7	1068.9	1041.9	1029.3	996.9	991.4	987.9
57.5°	632.7	663.4	856.2	924.7	975.2	973.4	957.2	933.7	906.7	901.3	899.5
60°	580.4	479.5	748.1	829.2	881.4	876.1	861.6	840.0	814.8	811.2	807.6
62.5°	526.3	347.9	625.5	717.4	791.4	789.6	776.9	744.4	726.4	717.4	710.2
65°	447.1	292.0	445.3	596.6	703.1	706.6	679.6	656.1	636.3	625.5	623.7
67.5°	340.7	238.0	301.0	497.5	618.3	614.7	580.4	569.6	544.4	539.0	528.1
70°	252.3	158.6	209.1	403.8	535.4	526.3	499.3	486.7	463.3	450.6	443.4
72.5°	209.1	128.0	153.2	313.6	450.6	439.8	416.4	402.0	382.1	371.3	364.1
75°	169.5	135.2	117.2	232.5	365.9	358.8	337.1	322.6	306.5	292.0	293.8
77.5°	124.3	126.2	93.7	171.3	290.2	279.4	266.8	248.8	241.5	227.1	227.1
80°	93.7	99.2	70.3	117.2	209.1	209.1	198.3	185.7	173.0	165.8	165.8
82.5°	63.1	63.1	52.3	73.9	142.4	137.0	129.8	126.2	119.0	115.3	115.3
85°	28.8	36.0	32.5	45.0	77.5	81.1	81.1	77.5	75.7	72.1	73.9
87.5°	9.0	16.2	19.8	25.2	39.7	41.5	43.3	43.3	43.3	45.0	45.0
90°	4.2	7.5	11.0	11.8	18.6	27.6	32.1	28.6	21.5	16.1	16.1
92.5°	16.9	45.7	74.4	81.6	114.7	158.9	181.0	158.6	113.9	80.3	77.1
95°	40.6	93.2	145.8	159.0	282.4	446.9	529.1	472.2	358.2	272.8	263.2
97.5°	70.2	116.6	163.0	174.7	380.4	654.7	791.8	755.8	683.9	629.8	611.4
100°	93.1	135.2	177.3	187.8	416.1	720.4	872.6	875.3	880.5	884.4	862.5
102.5°	112.5	151.8	191.1	200.9	432.4	741.1	895.4	941.3	1033.1	1101.8	1083.0
105°	145.5	178.8	212.1	220.4	444.5	743.4	892.9	995.7	1201.4	1355.6	1345.5
107.5°	179.4	210.4	241.4	249.1	446.8	710.3	842.1	985.6	1272.5	1487.6	1490.1
110°	202.2	230.2	258.2	265.2	443.4	681.0	799.8	960.2	1281.0	1521.5	1532.0



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	224.6	251.2	278.0	284.6	443.5	655.4	761.4	925.5	1253.7	1499.8	1516.0
115°	258.4	283.1	307.6	313.8	447.6	626.0	715.2	873.3	1189.5	1426.7	1449.1
117.5°	291.8	314.2	336.6	342.2	456.0	607.6	683.5	826.2	1111.6	1325.6	1350.4
120°	311.3	332.4	353.4	358.7	462.7	601.5	670.9	801.2	1061.9	1257.5	1281.7
122.5°	330.4	351.6	372.9	378.1	472.5	598.3	661.1	778.5	1013.2	1189.4	1213.2
125°	359.5	378.9	398.2	403.1	485.6	595.5	650.6	750.3	949.8	1099.3	1121.2
127.5°	383.2	402.8	422.3	427.2	498.7	594.0	641.7	727.3	898.5	1027.0	1045.5
130°	395.9	417.0	438.0	443.3	508.3	595.0	638.3	714.5	867.0	981.3	998.4
132.5°	409.0	430.1	451.1	456.4	516.0	595.5	635.3	703.5	840.0	942.4	957.7
135°	428.4	447.6	466.8	471.6	524.5	595.0	630.2	687.3	801.7	887.4	900.5
137.5°	448.4	467.3	486.3	491.0	537.1	598.6	629.4	677.7	774.3	846.8	857.6
140°	464.8	482.3	499.8	504.2	545.0	599.3	626.4	668.1	751.6	814.2	824.3
142.5°	477.6	493.8	509.9	513.9	551.4	601.4	626.4	663.0	736.4	791.4	800.1
145°	497.0	511.1	525.1	528.7	559.9	601.5	622.2	652.2	712.2	757.1	763.6
147.5°	516.4	530.1	543.9	547.3	572.3	605.5	622.2	645.8	693.0	728.3	733.8
150°	529.1	541.5	554.0	557.1	578.8	607.7	622.2	642.1	682.0	711.9	716.3
152.5°	542.2	551.7	561.1	563.4	583.0	609.1	622.2	639.2	673.2	698.8	702.1
155°	561.7	568.6	575.6	577.3	592.3	612.2	622.2	635.7	662.9	683.1	685.3
157.5°	576.1	582.9	589.6	591.4	601.6	615.4	622.2	632.7	653.8	669.6	671.1
160°	585.8	591.1	596.4	597.6	605.8	616.7	622.2	631.2	649.2	662.8	663.7
162.5°	595.5	599.5	603.5	604.5	610.4	618.3	622.2	629.8	645.0	656.5	657.3
165°	606.1	609.7	613.3	614.2	616.8	620.4	622.2	627.6	638.6	646.8	647.7
167.5°	615.8	617.6	619.2	619.6	621.9	624.9	626.4	629.9	637.1	642.5	642.8
170°	622.2	623.9	625.6	626.0	626.1	626.3	626.4	629.9	637.1	642.5	642.5
172.5°	625.6	625.9	626.3	626.4	626.4	626.4	626.4	629.2	634.8	639.1	638.7
175°	630.2	630.2	630.2	630.2	628.9	627.2	626.4	628.2	631.7	634.5	634.5
177.5°	630.2	630.2	630.2	630.2	629.2	627.9	627.3	628.7	631.6	633.7	633.3
180°	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3
2.5°	1954.0	1948.6	1954.0	1950.4	1952.3	1946.8	1930.6	1925.2	1930.6	1936.0	1936.0
5°	1977.5	1973.8	1977.5	1977.5	1975.6	1972.0	1954.0	1950.4	1954.0	1955.8	1952.3
7.5°	1984.6	1979.3	1984.6	1981.1	1981.1	1977.5	1959.4	1955.8	1957.6	1963.0	1957.6
10°	1984.6	1979.3	1984.6	1982.8	1981.1	1977.5	1959.4	1952.3	1952.3	1957.6	1952.3
12.5°	1975.6	1972.0	1975.6	1972.0	1972.0	1968.5	1950.4	1943.2	1945.0	1946.8	1939.6
15°	1961.3	1955.8	1961.3	1957.6	1959.4	1954.0	1934.2	1927.0	1927.0	1930.6	1918.0
17.5°	1939.6	1932.4	1939.6	1937.8	1936.0	1932.4	1914.3	1907.1	1905.3	1907.1	1898.1
20°	1914.3	1909.0	1914.3	1912.6	1912.6	1905.3	1887.3	1878.3	1878.3	1878.3	1869.3
22.5°	1874.7	1869.3	1874.7	1878.3	1878.3	1876.5	1860.3	1847.7	1844.1	1844.1	1833.3
25°	1829.6	1824.3	1829.6	1829.6	1827.8	1829.6	1824.3	1817.0	1811.6	1806.2	1795.4
27.5°	1786.3	1782.8	1786.3	1782.8	1786.3	1781.0	1779.2	1777.3	1770.2	1764.8	1750.3
30°	1743.1	1739.5	1743.1	1739.5	1736.0	1732.3	1723.3	1719.7	1726.9	1723.3	1699.8
32.5°	1689.0	1685.5	1689.0	1689.0	1685.5	1685.5	1671.0	1665.6	1667.4	1678.2	1656.6
35°	1633.2	1627.7	1633.2	1631.3	1633.2	1627.7	1618.7	1617.0	1609.7	1622.3	1606.1
37.5°	1568.3	1562.8	1568.3	1568.3	1568.3	1571.9	1564.7	1559.2	1548.5	1564.7	1552.0
40°	1501.5	1494.4	1501.5	1499.8	1501.5	1505.2	1501.5	1498.0	1487.2	1499.8	1489.0
42.5°	1425.9	1424.0	1425.9	1427.7	1427.7	1434.9	1440.3	1433.0	1429.5	1420.5	1427.7
45°	1344.7	1341.2	1344.7	1348.4	1350.2	1353.7	1370.0	1370.0	1364.5	1350.2	1361.0
47.5°	1258.2	1249.2	1258.2	1269.0	1269.0	1274.4	1290.7	1303.2	1294.2	1276.2	1281.7
50°	1166.2	1168.1	1166.2	1173.5	1173.5	1193.4	1205.9	1218.5	1227.6	1205.9	1180.7
52.5°	1076.2	1074.4	1076.2	1081.6	1088.7	1097.7	1119.4	1132.0	1146.4	1133.9	1094.2
55°	986.0	989.6	986.0	987.9	991.4	996.9	1029.3	1041.9	1068.9	1052.7	1011.2
57.5°	895.9	890.4	895.9	899.5	901.3	906.7	933.7	957.2	973.4	975.2	924.7
60°	791.4	784.1	791.4	807.6	811.2	814.8	840.0	861.6	876.1	881.4	829.2
62.5°	699.4	686.8	699.4	710.2	717.4	726.4	744.4	776.9	789.6	791.4	717.4
65°	602.1	596.6	602.1	623.7	625.5	636.3	656.1	679.6	706.6	703.1	596.6
67.5°	513.8	513.8	513.8	528.1	539.0	544.4	569.6	580.4	614.7	618.3	497.5
70°	432.6	430.8	432.6	443.4	450.6	463.3	486.7	499.3	526.3	535.4	403.8
72.5°	355.1	353.3	355.1	364.1	371.3	382.1	402.0	416.4	439.8	450.6	313.6
75°	286.6	283.0	286.6	293.8	292.0	306.5	322.6	337.1	358.8	365.9	232.5
77.5°	220.0	220.0	220.0	227.1	227.1	241.5	248.8	266.8	279.4	290.2	171.3
80°	164.0	162.3	164.0	165.8	165.8	173.0	185.7	198.3	209.1	209.1	117.2
82.5°	115.3	111.8	115.3	115.3	115.3	119.0	126.2	129.8	137.0	142.4	73.9
85°	72.1	72.1	72.1	73.9	72.1	75.7	77.5	81.1	81.1	77.5	45.0
87.5°	46.8	45.0	46.8	45.0	45.0	43.3	43.3	43.3	41.5	39.7	25.2
90°	16.1	16.1	16.1	16.1	16.1	21.5	28.6	32.1	27.6	18.6	11.8
92.5°	64.3	51.6	64.3	77.1	80.3	113.9	158.6	181.0	158.9	114.7	81.6
95°	224.4	185.7	224.4	263.2	272.8	358.2	472.2	529.1	446.9	282.4	159.0
97.5°	537.7	464.0	537.7	611.4	629.8	683.9	755.8	791.8	654.7	380.4	174.7
100°	774.6	686.9	774.6	862.5	884.4	880.5	875.3	872.6	720.4	416.1	187.8
102.5°	1007.9	932.7	1007.9	1083.0	1101.8	1033.1	941.3	895.4	741.1	432.4	200.9
105°	1305.1	1264.7	1305.1	1345.5	1355.6	1201.4	995.7	892.9	743.4	444.5	220.4
107.5°	1499.8	1509.5	1499.8	1490.1	1487.6	1272.5	985.6	842.1	710.3	446.8	249.1
110°	1574.0	1616.2	1574.0	1532.0	1521.5	1281.0	960.2	799.8	681.0	443.4	265.2





TEST NUMBER: P934840

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1580.7	1645.4	1580.7	1516.0	1499.8	1253.7	925.5	761.4	655.4	443.5	284.6
115°	1538.7	1628.4	1538.7	1449.1	1426.7	1189.5	873.3	715.2	626.0	447.6	313.8
117.5°	1449.9	1549.3	1449.9	1350.4	1325.6	1111.6	826.2	683.5	607.6	456.0	342.2
120°	1378.3	1474.9	1378.3	1281.7	1257.5	1061.9	801.2	670.9	601.5	462.7	358.7
122.5°	1308.5	1403.8	1308.5	1213.2	1189.4	1013.2	778.5	661.1	598.3	472.5	378.1
125°	1209.1	1296.9	1209.1	1121.2	1099.3	949.8	750.3	650.6	595.5	485.6	403.1
127.5°	1119.6	1193.6	1119.6	1045.5	1027.0	898.5	727.3	641.7	594.0	498.7	427.2
130°	1066.8	1135.2	1066.8	998.4	981.3	867.0	714.5	638.3	595.0	508.3	443.3
132.5°	1019.0	1080.3	1019.0	957.7	942.4	840.0	703.5	635.3	595.5	516.0	456.4
135°	953.4	1006.2	953.4	900.5	887.4	801.7	687.3	630.2	595.0	524.5	471.6
137.5°	900.8	944.1	900.8	857.6	846.8	774.3	677.7	629.4	598.6	537.1	491.0
140°	864.8	905.2	864.8	824.3	814.2	751.6	668.1	626.4	599.3	545.0	504.2
142.5°	834.9	869.6	834.9	800.1	791.4	736.4	663.0	626.4	601.4	551.4	513.9
145°	790.0	816.3	790.0	763.6	757.1	712.2	652.2	622.2	601.5	559.9	528.7
147.5°	755.5	777.4	755.5	733.8	728.3	693.0	645.8	622.2	605.5	572.3	547.3
150°	734.0	751.6	734.0	716.3	711.9	682.0	642.1	622.2	607.7	578.8	557.1
152.5°	715.4	728.8	715.4	702.1	698.8	673.2	639.2	622.2	609.1	583.0	563.4
155°	694.1	703.0	694.1	685.3	683.1	662.9	635.7	622.2	612.2	592.3	577.3
157.5°	677.3	683.5	677.3	671.1	669.6	653.8	632.7	622.2	615.4	601.6	591.4
160°	667.2	670.9	667.2	663.7	662.8	649.2	631.2	622.2	616.7	605.8	597.6
162.5°	660.7	664.0	660.7	657.3	656.5	645.0	629.8	622.2	618.3	610.4	604.5
165°	651.2	654.8	651.2	647.7	646.8	638.6	627.6	622.2	620.4	616.8	614.2
167.5°	644.4	645.8	644.4	642.8	642.5	637.1	629.9	626.4	624.9	621.9	619.6
170°	642.5	642.5	642.5	642.5	642.5	637.1	629.9	626.4	626.3	626.1	626.0
172.5°	637.5	636.1	637.5	638.7	639.1	634.8	629.2	626.4	626.4	626.4	626.4
175°	634.5	634.5	634.5	634.5	634.5	631.7	628.2	626.4	627.2	628.9	630.2
177.5°	631.7	630.2	631.7	633.3	633.7	631.6	628.7	627.3	627.9	629.2	630.2
180°	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2



TEST NUMBER: P934840

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3
2.5°	1932.4	1921.6	1921.6	1903.5	1896.3	1891.0	1881.9	1854.8	1847.7	1840.5	1851.3
5°	1948.6	1928.8	1914.3	1881.9	1854.8	1844.1	1809.8	1745.0	1701.7	1669.2	1651.2
7.5°	1952.3	1927.0	1900.0	1849.5	1784.6	1755.7	1651.2	1532.2	1499.8	1470.9	1452.9
10°	1948.6	1919.8	1881.9	1806.2	1653.0	1602.5	1498.0	1420.5	1400.7	1395.2	1400.7
12.5°	1936.0	1909.0	1856.7	1730.5	1516.0	1481.7	1420.5	1375.4	1371.8	1380.8	1429.5
15°	1914.3	1889.1	1827.8	1629.5	1440.3	1415.0	1371.8	1355.5	1375.4	1438.5	1584.5
17.5°	1892.8	1863.8	1788.2	1530.4	1382.6	1364.5	1333.9	1366.4	1478.2	1562.8	1611.5
20°	1863.8	1829.6	1743.1	1458.3	1341.2	1324.9	1310.5	1456.5	1541.2	1571.9	1598.9
22.5°	1829.6	1793.6	1681.8	1407.8	1297.9	1285.2	1294.2	1507.0	1541.2	1562.8	1586.3
25°	1784.6	1754.0	1609.7	1368.2	1263.7	1249.2	1283.5	1501.5	1521.4	1526.8	1573.7
27.5°	1743.1	1703.5	1534.0	1332.2	1222.2	1216.7	1292.5	1478.2	1492.5	1498.0	1548.5
30°	1692.7	1633.2	1449.3	1294.2	1178.9	1177.1	1294.2	1449.3	1445.7	1460.1	1510.5
32.5°	1640.3	1528.6	1353.7	1247.4	1137.4	1135.7	1281.7	1406.0	1402.4	1422.2	1460.1
35°	1591.7	1447.5	1224.0	1193.4	1085.2	1086.9	1251.0	1355.5	1357.4	1375.4	1398.8
37.5°	1541.2	1377.2	1081.6	1133.9	1034.7	1034.7	1209.5	1308.7	1305.1	1310.5	1342.9
40°	1481.7	1267.2	955.4	1056.4	987.9	982.4	1159.1	1258.2	1245.6	1243.8	1288.9
42.5°	1418.7	1146.4	861.6	953.6	933.7	926.6	1097.7	1196.9	1173.5	1178.9	1236.6
45°	1350.2	1114.0	789.6	805.8	877.9	872.4	1031.1	1126.6	1110.4	1124.9	1184.3
47.5°	1281.7	1049.1	766.1	668.8	818.4	816.6	957.2	1058.1	1049.1	1063.5	1126.6
50°	1187.9	977.0	764.3	573.3	751.7	758.9	868.9	991.4	991.4	1004.1	1070.7
52.5°	1067.1	888.7	694.0	519.1	674.1	695.8	791.4	933.7	937.4	949.9	1009.4
55°	957.2	796.8	643.6	477.7	582.3	629.1	715.6	874.3	881.4	894.1	948.2
57.5°	856.2	663.4	632.7	429.0	497.5	542.6	648.9	816.6	820.2	831.0	883.3
60°	748.1	479.5	580.4	376.8	423.6	457.8	587.6	748.1	760.7	767.9	812.9
62.5°	625.5	347.9	526.3	340.7	387.6	394.8	537.1	683.2	699.4	704.8	731.9
65°	445.3	292.0	447.1	310.0	349.7	351.5	483.1	616.5	630.9	639.9	659.8
67.5°	301.0	238.0	340.7	281.2	320.8	322.6	430.8	539.0	558.8	566.0	578.6
70°	209.1	158.6	252.3	250.6	288.4	292.0	375.0	468.6	486.7	492.1	499.3
72.5°	153.2	128.0	209.1	225.3	254.2	257.8	317.3	389.3	407.4	412.8	416.4
75°	117.2	135.2	169.5	196.5	216.3	218.1	259.6	317.3	329.8	333.5	335.3
77.5°	93.7	126.2	124.3	158.6	176.7	173.0	203.7	245.1	256.0	256.0	256.0
80°	70.3	99.2	93.7	113.5	129.8	126.2	146.0	174.8	178.5	182.0	180.3
82.5°	52.3	63.1	63.1	72.1	86.5	83.0	97.3	113.5	113.5	113.5	117.2
85°	32.5	36.0	28.8	37.8	48.7	46.8	54.1	61.3	63.1	63.1	59.5
87.5°	19.8	16.2	9.0	14.5	21.6	21.6	25.2	27.0	25.2	25.2	25.2
90°	11.0	7.5	4.2	7.5	11.0	11.8	18.6	27.6	32.1	28.6	21.5
92.5°	74.4	45.7	16.9	45.7	74.4	81.6	114.7	158.9	181.0	158.6	113.9
95°	145.8	93.2	40.6	93.2	145.8	159.0	282.4	446.9	529.1	472.2	358.2
97.5°	163.0	116.6	70.2	116.6	163.0	174.7	380.4	654.7	791.8	755.8	683.9
100°	177.3	135.2	93.1	135.2	177.3	187.8	416.1	720.4	872.6	875.3	880.5
102.5°	191.1	151.8	112.5	151.8	191.1	200.9	432.4	741.1	895.4	941.3	1033.1
105°	212.1	178.8	145.5	178.8	212.1	220.4	444.5	743.4	892.9	995.7	1201.4
107.5°	241.4	210.4	179.4	210.4	241.4	249.1	446.8	710.3	842.1	985.6	1272.5
110°	258.2	230.2	202.2	230.2	258.2	265.2	443.4	681.0	799.8	960.2	1281.0



TEST NUMBER: P934840

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	278.0	251.2	224.6	251.2	278.0	284.6	443.5	655.4	761.4	925.5	1253.7
115°	307.6	283.1	258.4	283.1	307.6	313.8	447.6	626.0	715.2	873.3	1189.5
117.5°	336.6	314.2	291.8	314.2	336.6	342.2	456.0	607.6	683.5	826.2	1111.6
120°	353.4	332.4	311.3	332.4	353.4	358.7	462.7	601.5	670.9	801.2	1061.9
122.5°	372.9	351.6	330.4	351.6	372.9	378.1	472.5	598.3	661.1	778.5	1013.2
125°	398.2	378.9	359.5	378.9	398.2	403.1	485.6	595.5	650.6	750.3	949.8
127.5°	422.3	402.8	383.2	402.8	422.3	427.2	498.7	594.0	641.7	727.3	898.5
130°	438.0	417.0	395.9	417.0	438.0	443.3	508.3	595.0	638.3	714.5	867.0
132.5°	451.1	430.1	409.0	430.1	451.1	456.4	516.0	595.5	635.3	703.5	840.0
135°	466.8	447.6	428.4	447.6	466.8	471.6	524.5	595.0	630.2	687.3	801.7
137.5°	486.3	467.3	448.4	467.3	486.3	491.0	537.1	598.6	629.4	677.7	774.3
140°	499.8	482.3	464.8	482.3	499.8	504.2	545.0	599.3	626.4	668.1	751.6
142.5°	509.9	493.8	477.6	493.8	509.9	513.9	551.4	601.4	626.4	663.0	736.4
145°	525.1	511.1	497.0	511.1	525.1	528.7	559.9	601.5	622.2	652.2	712.2
147.5°	543.9	530.1	516.4	530.1	543.9	547.3	572.3	605.5	622.2	645.8	693.0
150°	554.0	541.5	529.1	541.5	554.0	557.1	578.8	607.7	622.2	642.1	682.0
152.5°	561.1	551.7	542.2	551.7	561.1	563.4	583.0	609.1	622.2	639.2	673.2
155°	575.6	568.6	561.7	568.6	575.6	577.3	592.3	612.2	622.2	635.7	662.9
157.5°	589.6	582.9	576.1	582.9	589.6	591.4	601.6	615.4	622.2	632.7	653.8
160°	596.4	591.1	585.8	591.1	596.4	597.6	605.8	616.7	622.2	631.2	649.2
162.5°	603.5	599.5	595.5	599.5	603.5	604.5	610.4	618.3	622.2	629.8	645.0
165°	613.3	609.7	606.1	609.7	613.3	614.2	616.8	620.4	622.2	627.6	638.6
167.5°	619.2	617.6	615.8	617.6	619.2	619.6	621.9	624.9	626.4	629.9	637.1
170°	625.6	623.9	622.2	623.9	625.6	626.0	626.1	626.3	626.4	629.9	637.1
172.5°	626.3	625.9	625.6	625.9	626.3	626.4	626.4	626.4	626.4	629.2	634.8
175°	630.2	630.2	630.2	630.2	630.2	630.2	628.9	627.2	626.4	628.2	631.7
177.5°	630.2	630.2	630.2	630.2	630.2	630.2	629.2	627.9	627.3	628.7	631.6
180°	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2



TEST NUMBER: P934840

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3	1905.3
2.5°	1838.6	1833.3	1840.5	1820.6	1840.5	1833.3	1838.6	1851.3	1840.5	1847.7	1854.8
5°	1613.3	1604.3	1575.5	1552.0	1575.5	1604.3	1613.3	1651.2	1669.2	1701.7	1745.0
7.5°	1442.0	1434.9	1427.7	1413.2	1427.7	1434.9	1442.0	1452.9	1470.9	1499.8	1532.2
10°	1404.2	1406.0	1416.9	1415.0	1416.9	1406.0	1404.2	1400.7	1395.2	1400.7	1420.5
12.5°	1501.5	1517.8	1577.3	1573.7	1577.3	1517.8	1501.5	1429.5	1380.8	1371.8	1375.4
15°	1613.3	1618.7	1631.3	1633.2	1631.3	1618.7	1613.3	1584.5	1438.5	1375.4	1355.5
17.5°	1624.2	1626.0	1635.0	1635.0	1635.0	1626.0	1624.2	1611.5	1562.8	1478.2	1366.4
20°	1615.2	1618.7	1636.8	1640.3	1636.8	1618.7	1615.2	1598.9	1571.9	1541.2	1456.5
22.5°	1611.5	1618.7	1633.2	1631.3	1633.2	1618.7	1611.5	1586.3	1562.8	1541.2	1507.0
25°	1593.5	1593.5	1595.3	1597.1	1595.3	1593.5	1593.5	1573.7	1526.8	1521.4	1501.5
27.5°	1555.7	1559.2	1570.0	1568.3	1570.0	1559.2	1555.7	1548.5	1498.0	1492.5	1478.2
30°	1521.4	1517.8	1508.8	1501.5	1508.8	1517.8	1521.4	1510.5	1460.1	1445.7	1449.3
32.5°	1463.7	1454.7	1445.7	1440.3	1445.7	1454.7	1463.7	1460.1	1422.2	1402.4	1406.0
35°	1395.2	1397.0	1395.2	1389.8	1395.2	1397.0	1395.2	1398.8	1375.4	1357.4	1355.5
37.5°	1346.5	1350.2	1348.4	1341.2	1348.4	1350.2	1346.5	1342.9	1310.5	1305.1	1308.7
40°	1296.1	1297.9	1296.1	1290.7	1296.1	1297.9	1296.1	1288.9	1243.8	1245.6	1258.2
42.5°	1247.4	1245.6	1240.2	1236.6	1240.2	1245.6	1247.4	1236.6	1178.9	1173.5	1196.9
45°	1191.5	1193.4	1182.5	1177.1	1182.5	1193.4	1191.5	1184.3	1124.9	1110.4	1126.6
47.5°	1135.7	1135.7	1126.6	1121.2	1126.6	1135.7	1135.7	1126.6	1063.5	1049.1	1058.1
50°	1076.2	1074.4	1061.7	1059.9	1061.7	1074.4	1076.2	1070.7	1004.1	991.4	991.4
52.5°	1007.7	1007.7	1009.4	1013.1	1009.4	1007.7	1007.7	1009.4	949.9	937.4	933.7
55°	948.2	949.9	962.6	966.2	962.6	949.9	948.2	948.2	894.1	881.4	874.3
57.5°	886.9	886.9	895.9	895.9	895.9	886.9	886.9	883.3	831.0	820.2	816.6
60°	816.6	820.2	827.4	825.6	827.4	820.2	816.6	812.9	767.9	760.7	748.1
62.5°	742.6	746.3	748.1	744.4	748.1	746.3	742.6	731.9	704.8	699.4	683.2
65°	665.1	668.8	670.6	666.9	670.6	668.8	665.1	659.8	639.9	630.9	616.5
67.5°	585.8	584.1	582.3	589.4	582.3	584.1	585.8	578.6	566.0	558.8	539.0
70°	504.8	504.8	502.9	506.5	502.9	504.8	504.8	499.3	492.1	486.7	468.6
72.5°	418.2	416.4	423.6	418.2	423.6	416.4	418.2	416.4	412.8	407.4	389.3
75°	333.5	337.1	333.5	338.9	333.5	337.1	333.5	335.3	333.5	329.8	317.3
77.5°	254.2	257.8	254.2	254.2	254.2	257.8	254.2	256.0	256.0	256.0	245.1
80°	180.3	178.5	178.5	176.7	178.5	178.5	180.3	180.3	182.0	178.5	174.8
82.5°	115.3	113.5	113.5	117.2	113.5	113.5	115.3	117.2	113.5	113.5	113.5
85°	63.1	64.9	61.3	61.3	61.3	64.9	63.1	59.5	63.1	63.1	61.3
87.5°	23.5	21.6	21.6	21.6	21.6	21.6	23.5	25.2	25.2	25.2	27.0
90°	16.1	16.1	16.1	16.1	16.1	16.1	16.1	21.5	28.6	32.1	27.6
92.5°	80.3	77.1	64.3	51.6	64.3	77.1	80.3	113.9	158.6	181.0	158.9
95°	272.8	263.2	224.4	185.7	224.4	263.2	272.8	358.2	472.2	529.1	446.9
97.5°	629.8	611.4	537.7	464.0	537.7	611.4	629.8	683.9	755.8	791.8	654.7
100°	884.4	862.5	774.6	686.9	774.6	862.5	884.4	880.5	875.3	872.6	720.4
102.5°	1101.8	1083.0	1007.9	932.7	1007.9	1083.0	1101.8	1033.1	941.3	895.4	741.1
105°	1355.6	1345.5	1305.1	1264.7	1305.1	1345.5	1355.6	1201.4	995.7	892.9	743.4
107.5°	1487.6	1490.1	1499.8	1509.5	1499.8	1490.1	1487.6	1272.5	985.6	842.1	710.3
110°	1521.5	1532.0	1574.0	1616.2	1574.0	1532.0	1521.5	1281.0	960.2	799.8	681.0



TEST NUMBER: P934840

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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1499.8	1516.0	1580.7	1645.4	1580.7	1516.0	1499.8	1253.7	925.5	761.4	655.4
115°	1426.7	1449.1	1538.7	1628.4	1538.7	1449.1	1426.7	1189.5	873.3	715.2	626.0
117.5°	1325.6	1350.4	1449.9	1549.3	1449.9	1350.4	1325.6	1111.6	826.2	683.5	607.6
120°	1257.5	1281.7	1378.3	1474.9	1378.3	1281.7	1257.5	1061.9	801.2	670.9	601.5
122.5°	1189.4	1213.2	1308.5	1403.8	1308.5	1213.2	1189.4	1013.2	778.5	661.1	598.3
125°	1099.3	1121.2	1209.1	1296.9	1209.1	1121.2	1099.3	949.8	750.3	650.6	595.5
127.5°	1027.0	1045.5	1119.6	1193.6	1119.6	1045.5	1027.0	898.5	727.3	641.7	594.0
130°	981.3	998.4	1066.8	1135.2	1066.8	998.4	981.3	867.0	714.5	638.3	595.0
132.5°	942.4	957.7	1019.0	1080.3	1019.0	957.7	942.4	840.0	703.5	635.3	595.5
135°	887.4	900.5	953.4	1006.2	953.4	900.5	887.4	801.7	687.3	630.2	595.0
137.5°	846.8	857.6	900.8	944.1	900.8	857.6	846.8	774.3	677.7	629.4	598.6
140°	814.2	824.3	864.8	905.2	864.8	824.3	814.2	751.6	668.1	626.4	599.3
142.5°	791.4	800.1	834.9	869.6	834.9	800.1	791.4	736.4	663.0	626.4	601.4
145°	757.1	763.6	790.0	816.3	790.0	763.6	757.1	712.2	652.2	622.2	601.5
147.5°	728.3	733.8	755.5	777.4	755.5	733.8	728.3	693.0	645.8	622.2	605.5
150°	711.9	716.3	734.0	751.6	734.0	716.3	711.9	682.0	642.1	622.2	607.7
152.5°	698.8	702.1	715.4	728.8	715.4	702.1	698.8	673.2	639.2	622.2	609.1
155°	683.1	685.3	694.1	703.0	694.1	685.3	683.1	662.9	635.7	622.2	612.2
157.5°	669.6	671.1	677.3	683.5	677.3	671.1	669.6	653.8	632.7	622.2	615.4
160°	662.8	663.7	667.2	670.9	667.2	663.7	662.8	649.2	631.2	622.2	616.7
162.5°	656.5	657.3	660.7	664.0	660.7	657.3	656.5	645.0	629.8	622.2	618.3
165°	646.8	647.7	651.2	654.8	651.2	647.7	646.8	638.6	627.6	622.2	620.4
167.5°	642.5	642.8	644.4	645.8	644.4	642.8	642.5	637.1	629.9	626.4	624.9
170°	642.5	642.5	642.5	642.5	642.5	642.5	642.5	637.1	629.9	626.4	626.3
172.5°	639.1	638.7	637.5	636.1	637.5	638.7	639.1	634.8	629.2	626.4	626.4
175°	634.5	634.5	634.5	634.5	634.5	634.5	634.5	631.7	628.2	626.4	627.2
177.5°	633.7	633.3	631.7	630.2	631.7	633.3	633.7	631.6	628.7	627.3	627.9
180°	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2	630.2



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1905.3	1905.3	1905.3	1905.3	1905.3
2.5°	1881.9	1891.0	1896.3	1903.5	1921.6
5°	1809.8	1844.1	1854.8	1881.9	1914.3
7.5°	1651.2	1755.7	1784.6	1849.5	1900.0
10°	1498.0	1602.5	1653.0	1806.2	1881.9
12.5°	1420.5	1481.7	1516.0	1730.5	1856.7
15°	1371.8	1415.0	1440.3	1629.5	1827.8
17.5°	1333.9	1364.5	1382.6	1530.4	1788.2
20°	1310.5	1324.9	1341.2	1458.3	1743.1
22.5°	1294.2	1285.2	1297.9	1407.8	1681.8
25°	1283.5	1249.2	1263.7	1368.2	1609.7
27.5°	1292.5	1216.7	1222.2	1332.2	1534.0
30°	1294.2	1177.1	1178.9	1294.2	1449.3
32.5°	1281.7	1135.7	1137.4	1247.4	1353.7
35°	1251.0	1086.9	1085.2	1193.4	1224.0
37.5°	1209.5	1034.7	1034.7	1133.9	1081.6
40°	1159.1	982.4	987.9	1056.4	955.4
42.5°	1097.7	926.6	933.7	953.6	861.6
45°	1031.1	872.4	877.9	805.8	789.6
47.5°	957.2	816.6	818.4	668.8	766.1
50°	868.9	758.9	751.7	573.3	764.3
52.5°	791.4	695.8	674.1	519.1	694.0
55°	715.6	629.1	582.3	477.7	643.6
57.5°	648.9	542.6	497.5	429.0	632.7
60°	587.6	457.8	423.6	376.8	580.4
62.5°	537.1	394.8	387.6	340.7	526.3
65°	483.1	351.5	349.7	310.0	447.1
67.5°	430.8	322.6	320.8	281.2	340.7
70°	375.0	292.0	288.4	250.6	252.3
72.5°	317.3	257.8	254.2	225.3	209.1
75°	259.6	218.1	216.3	196.5	169.5
77.5°	203.7	173.0	176.7	158.6	124.3
80°	146.0	126.2	129.8	113.5	93.7
82.5°	97.3	83.0	86.5	72.1	63.1
85°	54.1	46.8	48.7	37.8	28.8
87.5°	25.2	21.6	21.6	14.5	9.0
90°	18.6	11.8	11.0	7.5	4.2
92.5°	114.7	81.6	74.4	45.7	16.9
95°	282.4	159.0	145.8	93.2	40.6
97.5°	380.4	174.7	163.0	116.6	70.2
100°	416.1	187.8	177.3	135.2	93.1
102.5°	432.4	200.9	191.1	151.8	112.5
105°	444.5	220.4	212.1	178.8	145.5
107.5°	446.8	249.1	241.4	210.4	179.4
110°	443.4	265.2	258.2	230.2	202.2



TEST NUMBER: P934840

CATALOG NUMBER: SQ4-FA-075U-100D-92765-1D-UNV-STD-W-6-4000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	443.5	284.6	278.0	251.2	224.6
115°	447.6	313.8	307.6	283.1	258.4
117.5°	456.0	342.2	336.6	314.2	291.8
120°	462.7	358.7	353.4	332.4	311.3
122.5°	472.5	378.1	372.9	351.6	330.4
125°	485.6	403.1	398.2	378.9	359.5
127.5°	498.7	427.2	422.3	402.8	383.2
130°	508.3	443.3	438.0	417.0	395.9
132.5°	516.0	456.4	451.1	430.1	409.0
135°	524.5	471.6	466.8	447.6	428.4
137.5°	537.1	491.0	486.3	467.3	448.4
140°	545.0	504.2	499.8	482.3	464.8
142.5°	551.4	513.9	509.9	493.8	477.6
145°	559.9	528.7	525.1	511.1	497.0
147.5°	572.3	547.3	543.9	530.1	516.4
150°	578.8	557.1	554.0	541.5	529.1
152.5°	583.0	563.4	561.1	551.7	542.2
155°	592.3	577.3	575.6	568.6	561.7
157.5°	601.6	591.4	589.6	582.9	576.1
160°	605.8	597.6	596.4	591.1	585.8
162.5°	610.4	604.5	603.5	599.5	595.5
165°	616.8	614.2	613.3	609.7	606.1
167.5°	621.9	619.6	619.2	617.6	615.8
170°	626.1	626.0	625.6	623.9	622.2
172.5°	626.4	626.4	626.3	625.9	625.6
175°	628.9	630.2	630.2	630.2	630.2
177.5°	629.2	630.2	630.2	630.2	630.2
180°	630.2	630.2	630.2	630.2	630.2



TEST NUMBER: P934840  
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**CIE UGR TABLE:**

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	13.80	14.71	14.72	15.64	16.84	16.63	17.53	17.54	18.47	19.67
	3H	14.28	15.09	15.21	16.04	17.26	17.97	18.78	18.90	19.73	20.95
	4H	14.48	15.24	15.42	16.19	17.43	18.42	19.19	19.36	20.13	21.37
	6H	14.60	15.30	15.55	16.26	17.51	18.70	19.41	19.66	20.37	21.61
	8H	14.60	15.27	15.56	16.24	17.49	18.78	19.45	19.74	20.42	21.67
	12H	14.57	15.21	15.54	16.18	17.45	18.82	19.46	19.78	20.42	21.70
4H	2H	14.84	15.61	15.79	16.55	17.79	17.04	17.81	17.99	18.76	19.99
	3H	15.87	16.51	16.83	17.49	18.74	18.55	19.19	19.51	20.17	21.42
	4H	16.15	16.73	17.11	17.70	18.98	19.08	19.66	20.05	20.63	21.91
	6H	16.28	16.78	17.26	17.77	19.05	19.44	19.95	20.42	20.94	22.22
	8H	16.28	16.75	17.26	17.74	19.03	19.55	20.02	20.53	21.01	22.30
	12H	16.25	16.68	17.25	17.68	18.97	19.61	20.03	20.61	21.04	22.33
8H	4H	16.60	17.07	17.59	18.06	19.35	19.21	19.68	20.19	20.67	21.95
	6H	16.87	17.26	17.87	18.29	19.57	19.64	20.03	20.65	21.06	22.35
	8H	16.91	17.25	17.93	18.27	19.58	19.79	20.14	20.81	21.16	22.46
	12H	16.90	17.20	17.92	18.21	19.56	19.89	20.20	20.91	21.21	22.56
12H	4H	16.61	17.04	17.61	18.04	19.33	19.17	19.60	20.17	20.60	21.90
	6H	16.93	17.27	17.94	18.29	19.59	19.64	19.98	20.66	21.00	22.31
	8H	17.00	17.30	18.02	18.31	19.66	19.80	20.10	20.82	21.12	22.47