

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: P934747

Luminaire Tested: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-8-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934747
REPORT IS A COMBINATION OF REPORTS P933712 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-8-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

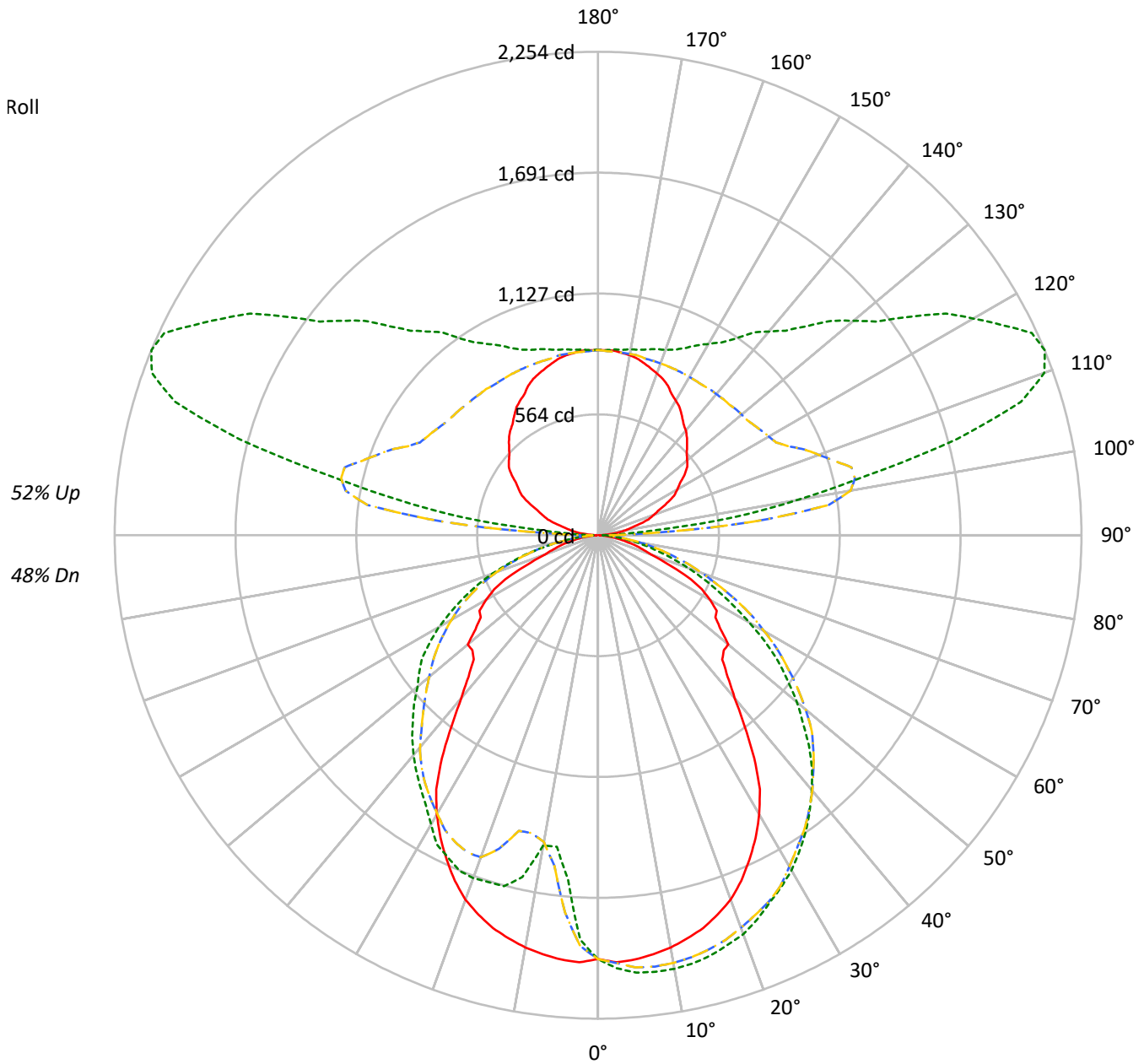
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10723.9 lumens
Efficiency: N/A
Efficacy: 126.5 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: General Diffuse

Input Watts (W): 84.8
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



— 0°-180° - - 45°-225° - - - 90°-270° - - - 135°-315°



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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	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48
1	97	93	89	86	89	86	82	79	72	70	68	60	58	56	48	47	46	40
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	40	39	34
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	29
4	74	63	55	49	68	58	52	46	49	44	40	41	37	34	33	31	28	25
5	68	56	48	42	62	52	45	40	44	39	34	37	33	29	30	27	25	21
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19
7	58	45	38	32	53	42	35	30	36	30	26	30	26	23	25	22	19	17
8	54	41	33	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	9167	9167	9167	9167
5°	9236	9254	9236	7276
10°	9174	9115	9174	6517
15°	9074	8918	9074	7447
20°	8884	8684	8884	7462
25°	8496	8343	8496	7304
30°	7994	8060	7994	6957
35°	7126	7701	7126	6575
40°	5939	7279	5939	6287
45°	5306	6785	5306	5955
50°	5637	6197	5637	5623
55°	5304	5562	5304	5431
60°	5468	4724	5468	4974
65°	4957	3905	4957	4365
70°	3432	3112	3432	3659
75°	3009	2301	3009	2754
80°	2425	1521	2425	1656
85°	1393	806	1393	685

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 8132 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	178.4	1.7
10°-20°	506.4	4.7
20°-30°	782.8	7.3
30°-40°	934.5	8.7
40°-50°	940.0	8.8
50°-60°	817.9	7.6
60°-70°	579.9	5.4
70°-80°	306.8	2.9
80°-90°	79.7	0.7
90°-100°	420.9	3.9
100°-110°	1106.5	10.3
110°-120°	1147.4	10.7
120°-130°	920.3	8.6
130°-140°	722.1	6.7
140°-150°	554.3	5.2
150°-160°	399.2	3.7
160°-170°	244.2	2.3
170°-180°	82.5	0.8
0°-30°	1467.6	13.7
0°-40°	2402.1	22.4
0°-60°	4160.0	38.8
0°-90°	5126.4	47.8
90°-120°	2674.8	24.9
90°-150°	4871.6	45.4
90°-180°	5597.0	52.2
0°-180°	10723.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1976	1976	1976	1976	1976	
5°	1985	2047	1985	1610	1985	188
15°	1896	2028	1896	1694	1896	533
25°	1669	1892	1669	1656	1669	766
35°	1269	1688	1269	1441	1269	785
45°	819	1391	819	1221	819	656
55°	667	1026	667	1002	667	613
65°	464	619	464	692	464	443
75°	176	294	176	351	176	185
85°	30	75	30	64	30	40
90°	6	22	6	22	6	6
95°	56	254	56	254	56	62
105°	199	1733	199	1733	199	211
115°	354	2231	354	2231	354	350
125°	493	1777	493	1777	493	437
135°	587	1379	587	1379	587	454
145°	681	1118	681	1118	681	427
155°	770	963	770	963	770	354
165°	830	897	830	897	830	234
175°	864	869	864	869	864	82
180°	864	864	864	864	864	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9
2.5°	1992.7	1992.7	2003.9	2007.7	2007.7	2002.0	1996.4	2002.0	2018.9	2024.5	2022.6
5°	1985.2	2000.2	2020.7	2024.5	2028.2	2026.3	2022.6	2026.3	2045.0	2048.8	2050.7
7.5°	1970.3	1998.3	2024.5	2030.1	2035.7	2030.1	2028.2	2032.0	2050.7	2054.4	2054.4
10°	1951.6	1990.8	2020.7	2024.5	2030.1	2024.5	2024.5	2032.0	2050.7	2054.4	2056.3
12.5°	1925.4	1979.6	2007.7	2011.4	2018.9	2017.0	2015.1	2022.6	2041.3	2045.0	2045.0
15°	1895.5	1959.1	1985.2	1989.0	2002.0	1998.3	1998.3	2005.8	2026.3	2032.0	2030.1
17.5°	1854.4	1932.9	1962.8	1968.4	1977.7	1975.9	1977.7	1985.2	2003.9	2007.7	2009.5
20°	1807.6	1897.4	1932.9	1938.5	1947.8	1947.8	1947.8	1957.2	1975.9	1983.4	1983.4
22.5°	1744.1	1860.0	1897.4	1901.1	1912.3	1912.3	1916.1	1929.1	1946.0	1947.8	1947.8
25°	1669.3	1818.8	1850.6	1861.8	1873.1	1878.7	1884.3	1891.8	1897.4	1895.5	1897.4
27.5°	1590.8	1766.5	1807.6	1815.1	1830.1	1835.7	1843.1	1845.0	1846.9	1852.5	1848.8
30°	1502.9	1693.6	1755.3	1762.8	1787.1	1790.8	1783.3	1787.1	1796.4	1800.2	1803.9
32.5°	1403.8	1585.2	1701.1	1717.9	1740.3	1729.1	1727.2	1732.9	1747.8	1747.8	1751.5
35°	1269.2	1501.0	1650.6	1665.6	1682.4	1669.3	1676.8	1678.6	1688.0	1693.6	1691.7
37.5°	1121.6	1428.1	1598.3	1609.5	1622.6	1605.7	1616.9	1622.6	1630.0	1626.3	1626.3
40°	990.8	1314.1	1536.6	1544.0	1555.3	1542.2	1553.4	1557.1	1560.9	1557.1	1555.3
42.5°	893.6	1188.9	1471.1	1480.5	1473.0	1482.4	1486.1	1493.6	1488.0	1480.5	1480.5
45°	818.8	1155.2	1400.1	1411.3	1400.1	1415.1	1420.7	1420.7	1403.8	1400.1	1398.2
47.5°	794.5	1088.0	1329.1	1329.1	1323.5	1342.1	1351.5	1338.4	1321.6	1316.0	1316.0
50°	792.6	1013.2	1231.8	1224.4	1250.5	1273.0	1263.6	1250.5	1237.5	1216.9	1216.9
52.5°	719.7	921.6	1106.7	1134.6	1175.8	1188.9	1173.9	1160.8	1138.4	1129.0	1121.6
55°	667.4	826.3	992.7	1048.7	1091.7	1108.6	1080.5	1067.4	1033.8	1028.2	1024.4
57.5°	656.2	687.9	888.0	959.0	1011.4	1009.5	992.7	968.4	940.3	934.7	932.8
60°	602.0	497.3	775.8	859.9	914.1	908.5	893.6	871.1	845.0	841.2	837.5
62.5°	545.9	360.8	648.7	744.0	820.7	818.8	805.7	772.1	753.4	744.0	736.5
65°	463.6	302.8	461.7	618.8	729.1	732.8	704.8	680.5	659.9	648.7	646.8
67.5°	353.3	246.8	312.2	516.0	641.2	637.5	602.0	590.7	564.6	559.0	547.7
70°	261.7	164.5	216.9	418.7	555.2	545.9	517.8	504.7	480.4	467.4	459.9
72.5°	216.9	132.7	158.9	325.3	467.4	456.1	431.8	416.9	396.3	385.1	377.6
75°	175.7	140.2	121.5	241.2	379.5	372.0	349.6	334.6	317.8	302.8	304.7
77.5°	129.0	130.9	97.2	177.6	301.0	289.8	276.7	258.0	250.5	235.5	235.5
80°	97.2	102.8	72.9	121.5	216.9	216.9	205.6	192.5	179.5	172.0	172.0
82.5°	65.4	65.4	54.2	76.6	147.7	142.1	134.6	130.9	123.4	119.6	119.6
85°	29.9	37.4	33.6	46.7	80.4	84.1	84.1	80.4	78.5	74.8	76.6
87.5°	9.3	16.8	20.6	26.2	41.1	43.0	44.9	44.9	44.9	46.7	46.7
90°	5.8	10.5	15.1	16.3	25.5	37.9	44.0	39.2	29.3	22.1	22.1
92.5°	23.2	62.6	102.1	111.9	157.3	217.8	248.1	217.4	156.1	110.1	105.7
95°	55.6	127.8	199.8	217.9	386.9	612.2	725.0	646.9	490.8	373.8	360.5
97.5°	96.2	159.8	223.5	239.4	521.2	896.9	1084.8	1035.5	936.9	862.9	837.7
100°	127.5	185.2	242.9	257.3	570.1	987.0	1195.5	1199.1	1206.3	1211.8	1181.7
102.5°	154.1	208.0	261.8	275.3	592.4	1015.4	1226.8	1289.6	1415.3	1509.6	1483.8
105°	199.4	245.0	290.5	301.9	609.1	1018.5	1223.3	1364.2	1645.9	1857.3	1843.4
107.5°	245.7	288.3	330.7	341.4	612.1	973.2	1153.8	1350.3	1743.3	2038.1	2041.5
110°	277.0	315.4	353.7	363.3	607.5	933.0	1095.8	1315.5	1754.9	2084.5	2098.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	307.7	344.3	380.8	390.0	607.7	898.0	1043.1	1268.0	1717.7	2055.0	2077.1
115°	354.1	387.8	421.6	430.0	613.3	857.7	979.9	1196.5	1629.8	1954.7	1985.4
117.5°	399.9	430.5	461.2	468.8	624.8	832.5	936.5	1131.9	1522.9	1816.1	1850.2
120°	426.5	455.3	484.2	491.4	633.9	824.0	919.1	1097.7	1455.0	1722.9	1755.9
122.5°	452.6	481.7	510.8	518.1	647.3	819.6	905.7	1066.6	1388.3	1629.6	1662.2
125°	492.6	519.1	545.6	552.2	665.2	815.9	891.2	1027.9	1301.1	1506.1	1536.2
127.5°	525.0	551.9	578.6	585.3	683.3	813.8	879.1	996.4	1231.0	1407.0	1432.3
130°	542.4	571.2	600.1	607.3	696.4	815.2	874.5	978.9	1187.8	1344.5	1367.9
132.5°	560.4	589.2	618.1	625.3	707.0	815.9	870.4	963.9	1150.9	1291.1	1312.1
135°	587.0	613.3	639.6	646.2	718.6	815.2	863.5	941.8	1098.4	1215.8	1233.9
137.5°	614.3	640.3	666.3	672.8	736.0	820.2	862.3	928.4	1060.9	1160.2	1174.9
140°	636.9	660.8	684.8	690.7	746.5	821.0	858.2	915.5	1029.8	1115.6	1129.4
142.5°	654.3	676.4	698.6	704.1	755.5	824.0	858.2	908.4	1008.9	1084.3	1096.1
145°	680.9	700.3	719.5	724.4	767.1	824.0	852.5	893.6	975.7	1037.3	1046.3
147.5°	707.6	726.4	745.2	749.9	784.1	829.6	852.5	884.8	949.4	997.9	1005.4
150°	725.0	742.0	759.0	763.2	792.9	832.6	852.5	879.7	934.3	975.3	981.3
152.5°	742.9	755.8	768.7	771.9	798.7	834.5	852.5	875.7	922.4	957.3	961.9
155°	769.5	779.1	788.6	791.0	811.5	838.8	852.5	871.0	908.1	935.9	938.9
157.5°	789.3	798.5	807.8	810.1	824.2	843.0	852.5	866.8	895.7	917.3	919.5
160°	802.6	809.8	817.0	818.8	830.0	845.0	852.5	864.8	889.6	908.1	909.3
162.5°	815.9	821.3	826.7	828.1	836.3	847.0	852.5	862.9	883.8	899.4	900.5
165°	830.4	835.3	840.2	841.4	845.1	850.0	852.5	859.9	874.9	886.1	887.3
167.5°	843.8	846.1	848.4	849.0	852.1	856.2	858.2	863.1	872.9	880.3	880.8
170°	852.5	854.8	857.1	857.7	857.9	858.2	858.2	863.1	872.9	880.3	880.3
172.5°	857.1	857.6	858.2	858.2	858.2	858.2	858.2	862.1	869.8	875.6	875.2
175°	863.5	863.5	863.5	863.5	861.7	859.4	858.2	860.7	865.6	869.3	869.3
177.5°	863.5	863.5	863.5	863.5	862.1	860.3	859.4	861.3	865.2	868.1	867.6
180°	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9
2.5°	2026.3	2020.7	2026.3	2022.6	2024.5	2018.9	2002.0	1996.4	2002.0	2007.7	2007.7
5°	2050.7	2046.9	2050.7	2050.7	2048.8	2045.0	2026.3	2022.6	2026.3	2028.2	2024.5
7.5°	2058.1	2052.5	2058.1	2054.4	2054.4	2050.7	2032.0	2028.2	2030.1	2035.7	2030.1
10°	2058.1	2052.5	2058.1	2056.3	2054.4	2050.7	2032.0	2024.5	2024.5	2030.1	2024.5
12.5°	2048.8	2045.0	2048.8	2045.0	2045.0	2041.3	2022.6	2015.1	2017.0	2018.9	2011.4
15°	2033.8	2028.2	2033.8	2030.1	2032.0	2026.3	2005.8	1998.3	1998.3	2002.0	1989.0
17.5°	2011.4	2003.9	2011.4	2009.5	2007.7	2003.9	1985.2	1977.7	1975.9	1977.7	1968.4
20°	1985.2	1979.6	1985.2	1983.4	1983.4	1975.9	1957.2	1947.8	1947.8	1947.8	1938.5
22.5°	1944.1	1938.5	1944.1	1947.8	1947.8	1946.0	1929.1	1916.1	1912.3	1912.3	1901.1
25°	1897.4	1891.8	1897.4	1897.4	1895.5	1897.4	1891.8	1884.3	1878.7	1873.1	1861.8
27.5°	1852.5	1848.8	1852.5	1848.8	1852.5	1846.9	1845.0	1843.1	1835.7	1830.1	1815.1
30°	1807.6	1803.9	1807.6	1803.9	1800.2	1796.4	1787.1	1783.3	1790.8	1787.1	1762.8
32.5°	1751.5	1747.8	1751.5	1751.5	1747.8	1747.8	1732.9	1727.2	1729.1	1740.3	1717.9
35°	1693.6	1688.0	1693.6	1691.7	1693.6	1688.0	1678.6	1676.8	1669.3	1682.4	1665.6
37.5°	1626.3	1620.7	1626.3	1626.3	1626.3	1630.0	1622.6	1616.9	1605.7	1622.6	1609.5
40°	1557.1	1549.6	1557.1	1555.3	1557.1	1560.9	1557.1	1553.4	1542.2	1555.3	1544.0
42.5°	1478.6	1476.7	1478.6	1480.5	1480.5	1488.0	1493.6	1486.1	1482.4	1473.0	1480.5
45°	1394.5	1390.7	1394.5	1398.2	1400.1	1403.8	1420.7	1420.7	1415.1	1400.1	1411.3
47.5°	1304.8	1295.4	1304.8	1316.0	1316.0	1321.6	1338.4	1351.5	1342.1	1323.5	1329.1
50°	1209.4	1211.3	1209.4	1216.9	1216.9	1237.5	1250.5	1263.6	1273.0	1250.5	1224.4
52.5°	1115.9	1114.2	1115.9	1121.6	1129.0	1138.4	1160.8	1173.9	1188.9	1175.8	1134.6
55°	1022.6	1026.3	1022.6	1024.4	1028.2	1033.8	1067.4	1080.5	1108.6	1091.7	1048.7
57.5°	929.1	923.5	929.1	932.8	934.7	940.3	968.4	992.7	1009.5	1011.4	959.0
60°	820.7	813.2	820.7	837.5	841.2	845.0	871.1	893.6	908.5	914.1	859.9
62.5°	725.3	712.2	725.3	736.5	744.0	753.4	772.1	805.7	818.8	820.7	744.0
65°	624.4	618.8	624.4	646.8	648.7	659.9	680.5	704.8	732.8	729.1	618.8
67.5°	532.8	532.8	532.8	547.7	559.0	564.6	590.7	602.0	637.5	641.2	516.0
70°	448.7	446.8	448.7	459.9	467.4	480.4	504.7	517.8	545.9	555.2	418.7
72.5°	368.3	366.4	368.3	377.6	385.1	396.3	416.9	431.8	456.1	467.4	325.3
75°	297.2	293.5	297.2	304.7	302.8	317.8	334.6	349.6	372.0	379.5	241.2
77.5°	228.1	228.1	228.1	235.5	235.5	250.5	258.0	276.7	289.8	301.0	177.6
80°	170.1	168.2	170.1	172.0	172.0	179.5	192.5	205.6	216.9	216.9	121.5
82.5°	119.6	115.9	119.6	119.6	119.6	123.4	130.9	134.6	142.1	147.7	76.6
85°	74.8	74.8	74.8	76.6	74.8	78.5	80.4	84.1	84.1	80.4	46.7
87.5°	48.6	46.7	48.6	46.7	46.7	44.9	44.9	44.9	43.0	41.1	26.2
90°	22.1	22.1	22.1	22.1	22.1	29.3	39.2	44.0	37.9	25.5	16.3
92.5°	88.2	70.7	88.2	105.7	110.1	156.1	217.4	248.1	217.8	157.3	111.9
95°	307.5	254.4	307.5	360.5	373.8	490.8	646.9	725.0	612.2	386.9	217.9
97.5°	736.6	635.7	736.6	837.7	862.9	936.9	1035.5	1084.8	896.9	521.2	239.4
100°	1061.5	941.2	1061.5	1181.7	1211.8	1206.3	1199.1	1195.5	987.0	570.1	257.3
102.5°	1380.8	1277.8	1380.8	1483.8	1509.6	1415.3	1289.6	1226.8	1015.4	592.4	275.3
105°	1788.0	1732.7	1788.0	1843.4	1857.3	1645.9	1364.2	1223.3	1018.5	609.1	301.9
107.5°	2054.9	2068.2	2054.9	2041.5	2038.1	1743.3	1350.3	1153.8	973.2	612.1	341.4
110°	2156.6	2214.3	2156.6	2098.9	2084.5	1754.9	1315.5	1095.8	933.0	607.5	363.3



TEST NUMBER: P934747

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2165.6	2254.2	2165.6	2077.1	2055.0	1717.7	1268.0	1043.1	898.0	607.7	390.0
115°	2108.2	2231.0	2108.2	1985.4	1954.7	1629.8	1196.5	979.9	857.7	613.3	430.0
117.5°	1986.4	2122.7	1986.4	1850.2	1816.1	1522.9	1131.9	936.5	832.5	624.8	468.8
120°	1888.4	2020.7	1888.4	1755.9	1722.9	1455.0	1097.7	919.1	824.0	633.9	491.4
122.5°	1792.8	1923.3	1792.8	1662.2	1629.6	1388.3	1066.6	905.7	819.6	647.3	518.1
125°	1656.5	1776.8	1656.5	1536.2	1506.1	1301.1	1027.9	891.2	815.9	665.2	552.2
127.5°	1533.9	1635.4	1533.9	1432.3	1407.0	1231.0	996.4	879.1	813.8	683.3	585.3
130°	1461.6	1555.4	1461.6	1367.9	1344.5	1187.8	978.9	874.5	815.2	696.4	607.3
132.5°	1396.1	1480.0	1396.1	1312.1	1291.1	1150.9	963.9	870.4	815.9	707.0	625.3
135°	1306.3	1378.6	1306.3	1233.9	1215.8	1098.4	941.8	863.5	815.2	718.6	646.2
137.5°	1234.2	1293.4	1234.2	1174.9	1160.2	1060.9	928.4	862.3	820.2	736.0	672.8
140°	1184.8	1240.2	1184.8	1129.4	1115.6	1029.8	915.5	858.2	821.0	746.5	690.7
142.5°	1143.8	1191.5	1143.8	1096.1	1084.3	1008.9	908.4	858.2	824.0	755.5	704.1
145°	1082.4	1118.5	1082.4	1046.3	1037.3	975.7	893.6	852.5	824.0	767.1	724.4
147.5°	1035.2	1065.1	1035.2	1005.4	997.9	949.4	884.8	852.5	829.6	784.1	749.9
150°	1005.6	1029.8	1005.6	981.3	975.3	934.3	879.7	852.5	832.6	792.9	763.2
152.5°	980.1	998.5	980.1	961.9	957.3	922.4	875.7	852.5	834.5	798.7	771.9
155°	951.1	963.1	951.1	938.9	935.9	908.1	871.0	852.5	838.8	811.5	791.0
157.5°	928.0	936.5	928.0	919.5	917.3	895.7	866.8	852.5	843.0	824.2	810.1
160°	914.2	919.1	914.2	909.3	908.1	889.6	864.8	852.5	845.0	830.0	818.8
162.5°	905.2	909.8	905.2	900.5	899.4	883.8	862.9	852.5	847.0	836.3	828.1
165°	892.2	897.0	892.2	887.3	886.1	874.9	859.9	852.5	850.0	845.1	841.4
167.5°	882.8	884.9	882.8	880.8	880.3	872.9	863.1	858.2	856.2	852.1	849.0
170°	880.3	880.3	880.3	880.3	880.3	872.9	863.1	858.2	858.2	857.9	857.7
172.5°	873.4	871.6	873.4	875.2	875.6	869.8	862.1	858.2	858.2	858.2	858.2
175°	869.3	869.3	869.3	869.3	869.3	865.6	860.7	858.2	859.4	861.7	863.5
177.5°	865.5	863.5	865.5	867.6	868.1	865.2	861.3	859.4	860.3	862.1	863.5
180°	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5



TEST NUMBER: P934747

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9
2.5°	2003.9	1992.7	1992.7	1974.0	1966.5	1960.9	1951.6	1923.5	1916.1	1908.6	1919.8
5°	2020.7	2000.2	1985.2	1951.6	1923.5	1912.3	1876.8	1809.5	1764.6	1731.0	1712.3
7.5°	2024.5	1998.3	1970.3	1917.9	1850.6	1820.7	1712.3	1588.9	1555.3	1525.3	1506.7
10°	2020.7	1990.8	1951.6	1873.1	1714.2	1661.8	1553.4	1473.0	1452.4	1446.8	1452.4
12.5°	2007.7	1979.6	1925.4	1794.5	1572.1	1536.6	1473.0	1426.3	1422.5	1431.9	1482.4
15°	1985.2	1959.1	1895.5	1689.9	1493.6	1467.4	1422.5	1405.7	1426.3	1491.7	1643.1
17.5°	1962.8	1932.9	1854.4	1587.0	1433.7	1415.1	1383.3	1416.9	1532.8	1620.7	1671.2
20°	1932.9	1897.4	1807.6	1512.3	1390.7	1373.9	1359.0	1510.4	1598.3	1630.0	1658.1
22.5°	1897.4	1860.0	1744.1	1459.9	1345.9	1332.8	1342.1	1562.7	1598.3	1620.7	1645.0
25°	1850.6	1818.8	1669.3	1418.8	1310.4	1295.4	1330.9	1557.1	1577.7	1583.3	1631.9
27.5°	1807.6	1766.5	1590.8	1381.4	1267.4	1261.8	1340.3	1532.8	1547.8	1553.4	1605.7
30°	1755.3	1693.6	1502.9	1342.1	1222.5	1220.6	1342.1	1502.9	1499.2	1514.1	1566.5
32.5°	1701.1	1585.2	1403.8	1293.5	1179.5	1177.6	1329.1	1458.0	1454.3	1474.9	1514.1
35°	1650.6	1501.0	1269.2	1237.5	1125.3	1127.2	1297.3	1405.7	1407.6	1426.3	1450.6
37.5°	1598.3	1428.1	1121.6	1175.8	1073.0	1073.0	1254.3	1357.1	1353.4	1359.0	1392.6
40°	1536.6	1314.1	990.8	1095.5	1024.4	1018.8	1201.9	1304.8	1291.7	1289.8	1336.5
42.5°	1471.1	1188.9	893.6	988.9	968.4	960.9	1138.4	1241.2	1216.9	1222.5	1282.3
45°	1400.1	1155.2	818.8	835.6	910.4	904.8	1069.3	1168.3	1151.5	1166.4	1228.1
47.5°	1329.1	1088.0	794.5	693.6	848.7	846.8	992.7	1097.3	1088.0	1103.0	1168.3
50°	1231.8	1013.2	792.6	594.5	779.5	787.0	901.1	1028.2	1028.2	1041.3	1110.4
52.5°	1106.7	921.6	719.7	538.4	699.2	721.6	820.7	968.4	972.1	985.2	1046.9
55°	992.7	826.3	667.4	495.4	603.8	652.4	742.2	906.7	914.1	927.2	983.3
57.5°	888.0	687.9	656.2	444.9	516.0	562.7	673.0	846.8	850.6	861.8	916.0
60°	775.8	497.3	602.0	390.7	439.3	474.8	609.4	775.8	788.9	796.4	843.1
62.5°	648.7	360.8	545.9	353.3	401.9	409.4	557.1	708.5	725.3	730.9	759.0
65°	461.7	302.8	463.6	321.5	362.7	364.5	501.0	639.3	654.3	663.6	684.2
67.5°	312.2	246.8	353.3	291.6	332.8	334.6	446.8	559.0	579.5	587.0	600.1
70°	216.9	164.5	261.7	259.8	299.1	302.8	388.8	486.0	504.7	510.3	517.8
72.5°	158.9	132.7	216.9	233.7	263.6	267.3	329.0	403.8	422.5	428.1	431.8
75°	121.5	140.2	175.7	203.8	224.3	226.2	269.2	329.0	342.1	345.8	347.7
77.5°	97.2	130.9	129.0	164.5	183.2	179.5	211.2	254.2	265.5	265.5	265.5
80°	72.9	102.8	97.2	117.8	134.6	130.9	151.4	181.3	185.1	188.8	186.9
82.5°	54.2	65.4	65.4	74.8	89.7	86.0	100.9	117.8	117.8	117.8	121.5
85°	33.6	37.4	29.9	39.3	50.5	48.6	56.1	63.6	65.4	65.4	61.7
87.5°	20.6	16.8	9.3	15.0	22.4	22.4	26.2	28.0	26.2	26.2	26.2
90°	15.1	10.5	5.8	10.5	15.1	16.3	25.5	37.9	44.0	39.2	29.3
92.5°	102.1	62.6	23.2	62.6	102.1	111.9	157.3	217.8	248.1	217.4	156.1
95°	199.8	127.8	55.6	127.8	199.8	217.9	386.9	612.2	725.0	646.9	490.8
97.5°	223.5	159.8	96.2	159.8	223.5	239.4	521.2	896.9	1084.8	1035.5	936.9
100°	242.9	185.2	127.5	185.2	242.9	257.3	570.1	987.0	1195.5	1199.1	1206.3
102.5°	261.8	208.0	154.1	208.0	261.8	275.3	592.4	1015.4	1226.8	1289.6	1415.3
105°	290.5	245.0	199.4	245.0	290.5	301.9	609.1	1018.5	1223.3	1364.2	1645.9
107.5°	330.7	288.3	245.7	288.3	330.7	341.4	612.1	973.2	1153.8	1350.3	1743.3
110°	353.7	315.4	277.0	315.4	353.7	363.3	607.5	933.0	1095.8	1315.5	1754.9



TEST NUMBER: P934747

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	380.8	344.3	307.7	344.3	380.8	390.0	607.7	898.0	1043.1	1268.0	1717.7
115°	421.6	387.8	354.1	387.8	421.6	430.0	613.3	857.7	979.9	1196.5	1629.8
117.5°	461.2	430.5	399.9	430.5	461.2	468.8	624.8	832.5	936.5	1131.9	1522.9
120°	484.2	455.3	426.5	455.3	484.2	491.4	633.9	824.0	919.1	1097.7	1455.0
122.5°	510.8	481.7	452.6	481.7	510.8	518.1	647.3	819.6	905.7	1066.6	1388.3
125°	545.6	519.1	492.6	519.1	545.6	552.2	665.2	815.9	891.2	1027.9	1301.1
127.5°	578.6	551.9	525.0	551.9	578.6	585.3	683.3	813.8	879.1	996.4	1231.0
130°	600.1	571.2	542.4	571.2	600.1	607.3	696.4	815.2	874.5	978.9	1187.8
132.5°	618.1	589.2	560.4	589.2	618.1	625.3	707.0	815.9	870.4	963.9	1150.9
135°	639.6	613.3	587.0	613.3	639.6	646.2	718.6	815.2	863.5	941.8	1098.4
137.5°	666.3	640.3	614.3	640.3	666.3	672.8	736.0	820.2	862.3	928.4	1060.9
140°	684.8	660.8	636.9	660.8	684.8	690.7	746.5	821.0	858.2	915.5	1029.8
142.5°	698.6	676.4	654.3	676.4	698.6	704.1	755.5	824.0	858.2	908.4	1008.9
145°	719.5	700.3	680.9	700.3	719.5	724.4	767.1	824.0	852.5	893.6	975.7
147.5°	745.2	726.4	707.6	726.4	745.2	749.9	784.1	829.6	852.5	884.8	949.4
150°	759.0	742.0	725.0	742.0	759.0	763.2	792.9	832.6	852.5	879.7	934.3
152.5°	768.7	755.8	742.9	755.8	768.7	771.9	798.7	834.5	852.5	875.7	922.4
155°	788.6	779.1	769.5	779.1	788.6	791.0	811.5	838.8	852.5	871.0	908.1
157.5°	807.8	798.5	789.3	798.5	807.8	810.1	824.2	843.0	852.5	866.8	895.7
160°	817.0	809.8	802.6	809.8	817.0	818.8	830.0	845.0	852.5	864.8	889.6
162.5°	826.7	821.3	815.9	821.3	826.7	828.1	836.3	847.0	852.5	862.9	883.8
165°	840.2	835.3	830.4	835.3	840.2	841.4	845.1	850.0	852.5	859.9	874.9
167.5°	848.4	846.1	843.8	846.1	848.4	849.0	852.1	856.2	858.2	863.1	872.9
170°	857.1	854.8	852.5	854.8	857.1	857.7	857.9	858.2	858.2	863.1	872.9
172.5°	858.2	857.6	857.1	857.6	858.2	858.2	858.2	858.2	858.2	862.1	869.8
175°	863.5	863.5	863.5	863.5	863.5	863.5	861.7	859.4	858.2	860.7	865.6
177.5°	863.5	863.5	863.5	863.5	863.5	863.5	862.1	860.3	859.4	861.3	865.2
180°	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5



TEST NUMBER: P934747

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9	1975.9
2.5°	1906.7	1901.1	1908.6	1888.0	1908.6	1901.1	1906.7	1919.8	1908.6	1916.1	1923.5
5°	1673.0	1663.7	1633.8	1609.5	1633.8	1663.7	1673.0	1712.3	1731.0	1764.6	1809.5
7.5°	1495.4	1488.0	1480.5	1465.5	1480.5	1488.0	1495.4	1506.7	1525.3	1555.3	1588.9
10°	1456.2	1458.0	1469.3	1467.4	1469.3	1458.0	1456.2	1452.4	1446.8	1452.4	1473.0
12.5°	1557.1	1574.0	1635.6	1631.9	1635.6	1574.0	1557.1	1482.4	1431.9	1422.5	1426.3
15°	1673.0	1678.6	1691.7	1693.6	1691.7	1678.6	1673.0	1643.1	1491.7	1426.3	1405.7
17.5°	1684.2	1686.1	1695.5	1695.5	1695.5	1686.1	1684.2	1671.2	1620.7	1532.8	1416.9
20°	1674.9	1678.6	1697.3	1701.1	1697.3	1678.6	1674.9	1658.1	1630.0	1598.3	1510.4
22.5°	1671.2	1678.6	1693.6	1691.7	1693.6	1678.6	1671.2	1645.0	1620.7	1598.3	1562.7
25°	1652.5	1652.5	1654.3	1656.2	1654.3	1652.5	1652.5	1631.9	1583.3	1577.7	1557.1
27.5°	1613.2	1616.9	1628.2	1626.3	1628.2	1616.9	1613.2	1605.7	1553.4	1547.8	1532.8
30°	1577.7	1574.0	1564.6	1557.1	1564.6	1574.0	1577.7	1566.5	1514.1	1499.2	1502.9
32.5°	1517.9	1508.5	1499.2	1493.6	1499.2	1508.5	1517.9	1514.1	1474.9	1454.3	1458.0
35°	1446.8	1448.7	1446.8	1441.2	1446.8	1448.7	1446.8	1450.6	1426.3	1407.6	1405.7
37.5°	1396.4	1400.1	1398.2	1390.7	1398.2	1400.1	1396.4	1392.6	1359.0	1353.4	1357.1
40°	1344.0	1345.9	1344.0	1338.4	1344.0	1345.9	1344.0	1336.5	1289.8	1291.7	1304.8
42.5°	1293.5	1291.7	1286.1	1282.3	1286.1	1291.7	1293.5	1282.3	1222.5	1216.9	1241.2
45°	1235.6	1237.5	1226.2	1220.6	1226.2	1237.5	1235.6	1228.1	1166.4	1151.5	1168.3
47.5°	1177.6	1177.6	1168.3	1162.7	1168.3	1177.6	1177.6	1168.3	1103.0	1088.0	1097.3
50°	1115.9	1114.2	1101.1	1099.2	1101.1	1114.2	1115.9	1110.4	1041.3	1028.2	1028.2
52.5°	1045.0	1045.0	1046.9	1050.6	1046.9	1045.0	1045.0	1046.9	985.2	972.1	968.4
55°	983.3	985.2	998.3	1002.0	998.3	985.2	983.3	983.3	927.2	914.1	906.7
57.5°	919.8	919.8	929.1	929.1	929.1	919.8	919.8	916.0	861.8	850.6	846.8
60°	846.8	850.6	858.1	856.2	858.1	850.6	846.8	843.1	796.4	788.9	775.8
62.5°	770.2	773.9	775.8	772.1	775.8	773.9	770.2	759.0	730.9	725.3	708.5
65°	689.8	693.6	695.4	691.7	695.4	693.6	689.8	684.2	663.6	654.3	639.3
67.5°	607.6	605.7	603.8	611.3	603.8	605.7	607.6	600.1	587.0	579.5	559.0
70°	523.4	523.4	521.6	525.3	521.6	523.4	523.4	517.8	510.3	504.7	486.0
72.5°	433.7	431.8	439.3	433.7	439.3	431.8	433.7	431.8	428.1	422.5	403.8
75°	345.8	349.6	345.8	351.4	345.8	349.6	345.8	347.7	345.8	342.1	329.0
77.5°	263.6	267.3	263.6	263.6	263.6	267.3	263.6	265.5	265.5	265.5	254.2
80°	186.9	185.1	185.1	183.2	185.1	185.1	186.9	186.9	188.8	185.1	181.3
82.5°	119.6	117.8	117.8	121.5	117.8	117.8	119.6	121.5	117.8	117.8	117.8
85°	65.4	67.3	63.6	63.6	63.6	67.3	65.4	61.7	65.4	65.4	63.6
87.5°	24.3	22.4	22.4	22.4	22.4	22.4	24.3	26.2	26.2	26.2	28.0
90°	22.1	22.1	22.1	22.1	22.1	22.1	22.1	29.3	39.2	44.0	37.9
92.5°	110.1	105.7	88.2	70.7	88.2	105.7	110.1	156.1	217.4	248.1	217.8
95°	373.8	360.5	307.5	254.4	307.5	360.5	373.8	490.8	646.9	725.0	612.2
97.5°	862.9	837.7	736.6	635.7	736.6	837.7	862.9	936.9	1035.5	1084.8	896.9
100°	1211.8	1181.7	1061.5	941.2	1061.5	1181.7	1211.8	1206.3	1199.1	1195.5	987.0
102.5°	1509.6	1483.8	1380.8	1277.8	1380.8	1483.8	1509.6	1415.3	1289.6	1226.8	1015.4
105°	1857.3	1843.4	1788.0	1732.7	1788.0	1843.4	1857.3	1645.9	1364.2	1223.3	1018.5
107.5°	2038.1	2041.5	2054.9	2068.2	2054.9	2041.5	2038.1	1743.3	1350.3	1153.8	973.2
110°	2084.5	2098.9	2156.6	2214.3	2156.6	2098.9	2084.5	1754.9	1315.5	1095.8	933.0



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2055.0	2077.1	2165.6	2254.2	2165.6	2077.1	2055.0	1717.7	1268.0	1043.1	898.0
115°	1954.7	1985.4	2108.2	2231.0	2108.2	1985.4	1954.7	1629.8	1196.5	979.9	857.7
117.5°	1816.1	1850.2	1986.4	2122.7	1986.4	1850.2	1816.1	1522.9	1131.9	936.5	832.5
120°	1722.9	1755.9	1888.4	2020.7	1888.4	1755.9	1722.9	1455.0	1097.7	919.1	824.0
122.5°	1629.6	1662.2	1792.8	1923.3	1792.8	1662.2	1629.6	1388.3	1066.6	905.7	819.6
125°	1506.1	1536.2	1656.5	1776.8	1656.5	1536.2	1506.1	1301.1	1027.9	891.2	815.9
127.5°	1407.0	1432.3	1533.9	1635.4	1533.9	1432.3	1407.0	1231.0	996.4	879.1	813.8
130°	1344.5	1367.9	1461.6	1555.4	1461.6	1367.9	1344.5	1187.8	978.9	874.5	815.2
132.5°	1291.1	1312.1	1396.1	1480.0	1396.1	1312.1	1291.1	1150.9	963.9	870.4	815.9
135°	1215.8	1233.9	1306.3	1378.6	1306.3	1233.9	1215.8	1098.4	941.8	863.5	815.2
137.5°	1160.2	1174.9	1234.2	1293.4	1234.2	1174.9	1160.2	1060.9	928.4	862.3	820.2
140°	1115.6	1129.4	1184.8	1240.2	1184.8	1129.4	1115.6	1029.8	915.5	858.2	821.0
142.5°	1084.3	1096.1	1143.8	1191.5	1143.8	1096.1	1084.3	1008.9	908.4	858.2	824.0
145°	1037.3	1046.3	1082.4	1118.5	1082.4	1046.3	1037.3	975.7	893.6	852.5	824.0
147.5°	997.9	1005.4	1035.2	1065.1	1035.2	1005.4	997.9	949.4	884.8	852.5	829.6
150°	975.3	981.3	1005.6	1029.8	1005.6	981.3	975.3	934.3	879.7	852.5	832.6
152.5°	957.3	961.9	980.1	998.5	980.1	961.9	957.3	922.4	875.7	852.5	834.5
155°	935.9	938.9	951.1	963.1	951.1	938.9	935.9	908.1	871.0	852.5	838.8
157.5°	917.3	919.5	928.0	936.5	928.0	919.5	917.3	895.7	866.8	852.5	843.0
160°	908.1	909.3	914.2	919.1	914.2	909.3	908.1	889.6	864.8	852.5	845.0
162.5°	899.4	900.5	905.2	909.8	905.2	900.5	899.4	883.8	862.9	852.5	847.0
165°	886.1	887.3	892.2	897.0	892.2	887.3	886.1	874.9	859.9	852.5	850.0
167.5°	880.3	880.8	882.8	884.9	882.8	880.8	880.3	872.9	863.1	858.2	856.2
170°	880.3	880.3	880.3	880.3	880.3	880.3	880.3	872.9	863.1	858.2	858.2
172.5°	875.6	875.2	873.4	871.6	873.4	875.2	875.6	869.8	862.1	858.2	858.2
175°	869.3	869.3	869.3	869.3	869.3	869.3	869.3	865.6	860.7	858.2	859.4
177.5°	868.1	867.6	865.5	863.5	865.5	867.6	868.1	865.2	861.3	859.4	860.3
180°	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5	863.5



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1975.9	1975.9	1975.9	1975.9	1975.9
2.5°	1951.6	1960.9	1966.5	1974.0	1992.7
5°	1876.8	1912.3	1923.5	1951.6	1985.2
7.5°	1712.3	1820.7	1850.6	1917.9	1970.3
10°	1553.4	1661.8	1714.2	1873.1	1951.6
12.5°	1473.0	1536.6	1572.1	1794.5	1925.4
15°	1422.5	1467.4	1493.6	1689.9	1895.5
17.5°	1383.3	1415.1	1433.7	1587.0	1854.4
20°	1359.0	1373.9	1390.7	1512.3	1807.6
22.5°	1342.1	1332.8	1345.9	1459.9	1744.1
25°	1330.9	1295.4	1310.4	1418.8	1669.3
27.5°	1340.3	1261.8	1267.4	1381.4	1590.8
30°	1342.1	1220.6	1222.5	1342.1	1502.9
32.5°	1329.1	1177.6	1179.5	1293.5	1403.8
35°	1297.3	1127.2	1125.3	1237.5	1269.2
37.5°	1254.3	1073.0	1073.0	1175.8	1121.6
40°	1201.9	1018.8	1024.4	1095.5	990.8
42.5°	1138.4	960.9	968.4	988.9	893.6
45°	1069.3	904.8	910.4	835.6	818.8
47.5°	992.7	846.8	848.7	693.6	794.5
50°	901.1	787.0	779.5	594.5	792.6
52.5°	820.7	721.6	699.2	538.4	719.7
55°	742.2	652.4	603.8	495.4	667.4
57.5°	673.0	562.7	516.0	444.9	656.2
60°	609.4	474.8	439.3	390.7	602.0
62.5°	557.1	409.4	401.9	353.3	545.9
65°	501.0	364.5	362.7	321.5	463.6
67.5°	446.8	334.6	332.8	291.6	353.3
70°	388.8	302.8	299.1	259.8	261.7
72.5°	329.0	267.3	263.6	233.7	216.9
75°	269.2	226.2	224.3	203.8	175.7
77.5°	211.2	179.5	183.2	164.5	129.0
80°	151.4	130.9	134.6	117.8	97.2
82.5°	100.9	86.0	89.7	74.8	65.4
85°	56.1	48.6	50.5	39.3	29.9
87.5°	26.2	22.4	22.4	15.0	9.3
90°	25.5	16.3	15.1	10.5	5.8
92.5°	157.3	111.9	102.1	62.6	23.2
95°	386.9	217.9	199.8	127.8	55.6
97.5°	521.2	239.4	223.5	159.8	96.2
100°	570.1	257.3	242.9	185.2	127.5
102.5°	592.4	275.3	261.8	208.0	154.1
105°	609.1	301.9	290.5	245.0	199.4
107.5°	612.1	341.4	330.7	288.3	245.7
110°	607.5	363.3	353.7	315.4	277.0



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CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	607.7	390.0	380.8	344.3	307.7
115°	613.3	430.0	421.6	387.8	354.1
117.5°	624.8	468.8	461.2	430.5	399.9
120°	633.9	491.4	484.2	455.3	426.5
122.5°	647.3	518.1	510.8	481.7	452.6
125°	665.2	552.2	545.6	519.1	492.6
127.5°	683.3	585.3	578.6	551.9	525.0
130°	696.4	607.3	600.1	571.2	542.4
132.5°	707.0	625.3	618.1	589.2	560.4
135°	718.6	646.2	639.6	613.3	587.0
137.5°	736.0	672.8	666.3	640.3	614.3
140°	746.5	690.7	684.8	660.8	636.9
142.5°	755.5	704.1	698.6	676.4	654.3
145°	767.1	724.4	719.5	700.3	680.9
147.5°	784.1	749.9	745.2	726.4	707.6
150°	792.9	763.2	759.0	742.0	725.0
152.5°	798.7	771.9	768.7	755.8	742.9
155°	811.5	791.0	788.6	779.1	769.5
157.5°	824.2	810.1	807.8	798.5	789.3
160°	830.0	818.8	817.0	809.8	802.6
162.5°	836.3	828.1	826.7	821.3	815.9
165°	845.1	841.4	840.2	835.3	830.4
167.5°	852.1	849.0	848.4	846.1	843.8
170°	857.9	857.7	857.1	854.8	852.5
172.5°	858.2	858.2	858.2	857.6	857.1
175°	861.7	863.5	863.5	863.5	863.5
177.5°	862.1	863.5	863.5	863.5	863.5
180°	863.5	863.5	863.5	863.5	863.5



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CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-8-5000K

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	12.30	13.14	13.27	14.13	15.43	15.14	15.98	16.11	16.97	18.27
	3H	12.77	13.53	13.76	14.53	15.85	16.48	17.24	17.47	18.24	19.56
	4H	12.96	13.68	13.96	14.68	16.01	16.93	17.64	17.93	18.64	19.98
	6H	13.08	13.74	14.09	14.75	16.09	17.21	17.87	18.22	18.88	20.22
	8H	13.08	13.71	14.10	14.73	16.07	17.29	17.91	18.31	18.94	20.28
	12H	13.05	13.65	14.08	14.67	16.03	17.33	17.92	18.35	18.94	20.31
4H	2H	13.33	14.04	14.34	15.05	16.38	15.54	16.26	16.55	17.26	18.59
	3H	14.36	14.95	15.37	15.98	17.33	17.05	17.64	18.06	18.68	20.02
	4H	14.63	15.18	15.65	16.20	17.57	17.58	18.12	18.60	19.15	20.51
	6H	14.76	15.22	15.79	16.27	17.64	17.94	18.41	18.98	19.46	20.82
	8H	14.76	15.20	15.80	16.24	17.62	18.05	18.49	19.09	19.53	20.91
	12H	14.73	15.12	15.78	16.18	17.56	18.11	18.50	19.16	19.56	20.94
8H	4H	15.08	15.52	16.12	16.56	17.94	17.70	18.14	18.74	19.18	20.56
	6H	15.35	15.71	16.40	16.79	18.17	18.14	18.50	19.20	19.58	20.96
	8H	15.39	15.71	16.45	16.77	18.17	18.29	18.61	19.36	19.67	21.07
	12H	15.37	15.65	16.44	16.71	18.15	18.39	18.67	19.46	19.73	21.17
12H	4H	15.09	15.49	16.14	16.54	17.92	17.66	18.06	18.72	19.11	20.50
	6H	15.41	15.72	16.47	16.79	18.19	18.14	18.45	19.20	19.52	20.92
	8H	15.47	15.75	16.54	16.81	18.25	18.30	18.58	19.37	19.64	21.08