

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: P934743

Luminaire Tested: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-8-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934743
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-8-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

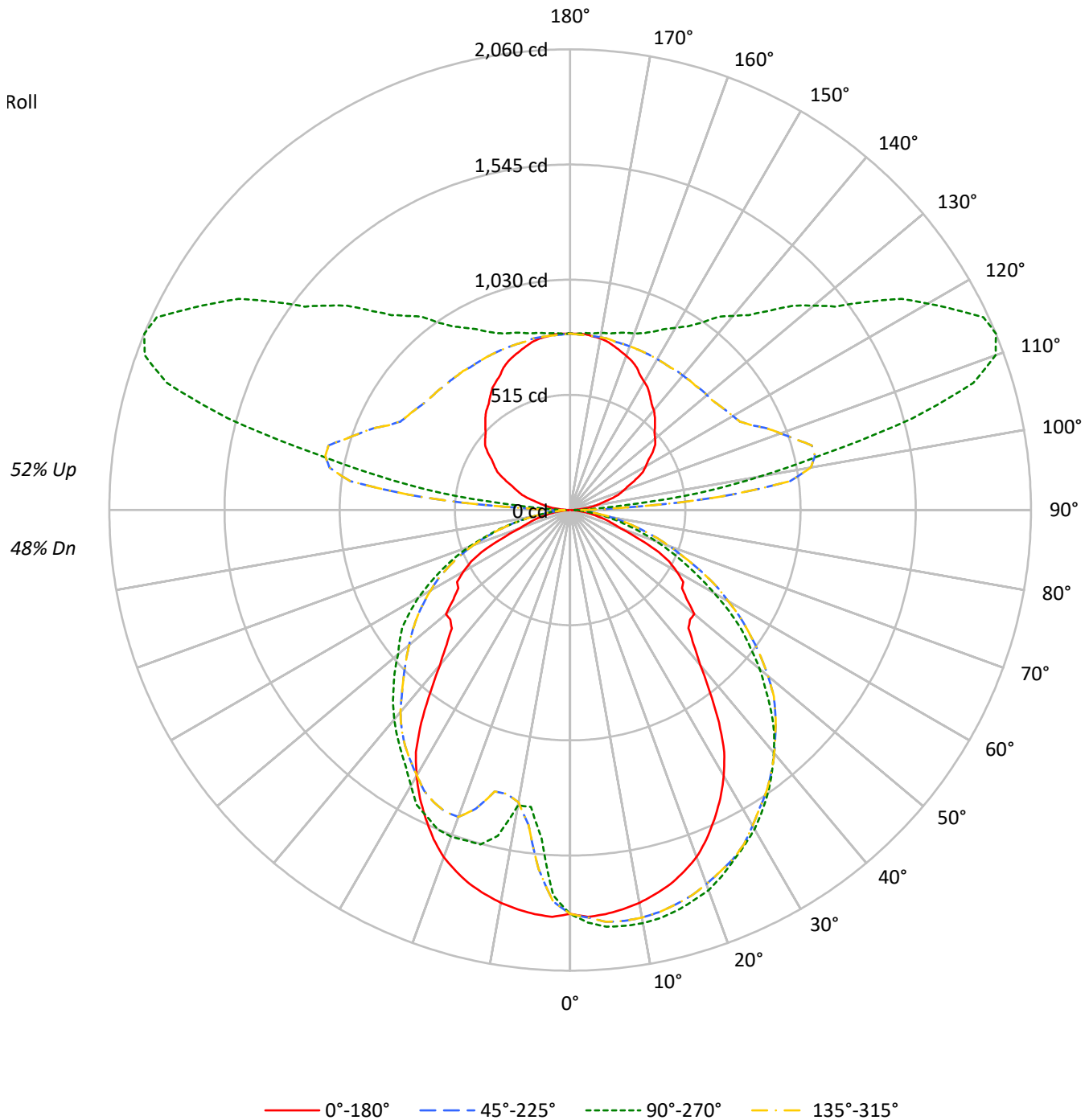
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9799.4 lumens
Efficiency: N/A
Efficacy: 115.6 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





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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°	8377	8377	8377	8377
5°	8440	8456	8440	6649
10°	8383	8330	8383	5955
15°	8292	8149	8292	6805
20°	8119	7936	8119	6819
25°	7764	7624	7764	6674
30°	7305	7365	7305	6357
35°	6512	7037	6512	6009
40°	5427	6652	5427	5745
45°	4849	6201	4849	5442
50°	5151	5663	5151	5139
55°	4846	5083	4846	4962
60°	4996	4317	4996	4545
65°	4529	3568	4529	3989
70°	3137	2844	3137	3344
75°	2751	2102	2751	2518
80°	2216	1389	2216	1513
85°	1272	736	1272	626

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 7431 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	163.0	1.7
10°-20°	462.7	4.7
20°-30°	715.3	7.3
30°-40°	853.9	8.7
40°-50°	859.0	8.8
50°-60°	747.4	7.6
60°-70°	529.9	5.4
70°-80°	280.4	2.9
80°-90°	72.8	0.7
90°-100°	384.6	3.9
100°-110°	1011.1	10.3
110°-120°	1048.5	10.7
120°-130°	841.0	8.6
130°-140°	659.9	6.7
140°-150°	506.5	5.2
150°-160°	364.8	3.7
160°-170°	223.2	2.3
170°-180°	75.4	0.8
0°-30°	1341.1	13.7
0°-40°	2195.0	22.4
0°-60°	3801.4	38.8
0°-90°	4684.5	47.8
90°-120°	2444.2	24.9
90°-150°	4451.6	45.4
90°-180°	5115.0	52.2
0°-180°	9799.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1806	1806	1806	1806	1806	
5°	1814	1870	1814	1471	1814	172
15°	1732	1853	1732	1548	1732	487
25°	1525	1729	1525	1513	1525	700
35°	1160	1542	1160	1317	1160	718
45°	748	1271	748	1115	748	599
55°	610	938	610	916	610	560
65°	424	565	424	632	424	405
75°	161	268	161	321	161	169
85°	27	68	27	58	27	37
90°	5	20	5	20	5	6
95°	51	232	51	232	51	56
105°	182	1583	182	1583	182	193
115°	324	2039	324	2039	324	320
125°	450	1624	450	1624	450	400
135°	536	1260	536	1260	536	415
145°	622	1022	622	1022	622	390
155°	703	880	703	880	703	323
165°	759	820	759	820	759	214
175°	789	794	789	794	789	75
180°	789	789	789	789	789	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1820.9	1820.9	1831.2	1834.6	1834.6	1829.5	1824.3	1829.5	1844.8	1850.0	1848.2
5°	1814.1	1827.7	1846.5	1850.0	1853.4	1851.7	1848.2	1851.7	1868.7	1872.2	1873.9
7.5°	1800.4	1826.0	1850.0	1855.1	1860.2	1855.1	1853.4	1856.8	1873.9	1877.3	1877.3
10°	1783.3	1819.2	1846.5	1850.0	1855.1	1850.0	1850.0	1856.8	1873.9	1877.3	1879.0
12.5°	1759.4	1809.0	1834.6	1838.0	1844.8	1843.1	1841.4	1848.2	1865.3	1868.7	1868.7
15°	1732.1	1790.2	1814.1	1817.5	1829.5	1826.0	1826.0	1832.9	1851.7	1856.8	1855.1
17.5°	1694.5	1766.3	1793.6	1798.7	1807.2	1805.5	1807.2	1814.1	1831.2	1834.6	1836.3
20°	1651.8	1733.8	1766.3	1771.4	1779.9	1779.9	1779.9	1788.5	1805.5	1812.4	1812.4
22.5°	1593.7	1699.6	1733.8	1737.2	1747.5	1747.5	1750.9	1762.8	1778.2	1779.9	1779.9
25°	1525.4	1662.0	1691.1	1701.3	1711.6	1716.7	1721.8	1728.7	1733.8	1732.1	1733.8
27.5°	1453.6	1614.2	1651.8	1658.6	1672.3	1677.4	1684.3	1686.0	1687.7	1692.8	1689.4
30°	1373.4	1547.6	1604.0	1610.8	1633.0	1636.4	1629.6	1633.0	1641.5	1645.0	1648.4
32.5°	1282.8	1448.5	1554.4	1569.8	1590.3	1580.1	1578.3	1583.5	1597.1	1597.1	1600.6
35°	1159.8	1371.6	1508.3	1522.0	1537.3	1525.4	1532.2	1533.9	1542.5	1547.6	1545.9
37.5°	1024.9	1305.0	1460.5	1470.7	1482.7	1467.3	1477.6	1482.7	1489.5	1486.1	1486.1
40°	905.4	1200.8	1404.1	1410.9	1421.2	1409.2	1419.5	1422.9	1426.3	1422.9	1421.2
42.5°	816.5	1086.4	1344.3	1352.9	1346.0	1354.6	1358.0	1364.8	1359.7	1352.9	1352.9
45°	748.2	1055.6	1279.4	1289.6	1279.4	1293.1	1298.2	1298.2	1282.8	1279.4	1277.7
47.5°	726.0	994.2	1214.5	1214.5	1209.4	1226.4	1235.0	1223.0	1207.7	1202.5	1202.5
50°	724.3	925.9	1125.7	1118.8	1142.7	1163.2	1154.7	1142.7	1130.8	1112.0	1112.0
52.5°	657.7	842.2	1011.3	1036.8	1074.4	1086.4	1072.7	1060.7	1040.2	1031.7	1024.9
55°	609.8	755.0	907.1	958.3	997.6	1013.0	987.4	975.4	944.7	939.5	936.1
57.5°	599.6	628.6	811.4	876.3	924.2	922.5	907.1	884.9	859.3	854.1	852.4
60°	550.1	454.4	708.9	785.8	835.3	830.2	816.5	796.0	772.1	768.7	765.3
62.5°	498.8	329.7	592.8	679.9	749.9	748.2	736.3	705.5	688.4	679.9	673.1
65°	423.6	276.7	421.9	565.4	666.2	669.6	644.0	621.8	603.0	592.8	591.1
67.5°	322.9	225.5	285.3	471.5	585.9	582.5	550.1	539.8	515.9	510.8	500.5
70°	239.2	150.3	198.2	382.6	507.4	498.8	473.2	461.2	439.0	427.1	420.2
72.5°	198.2	121.3	145.2	297.2	427.1	416.8	394.6	380.9	362.2	351.9	345.1
75°	160.6	128.1	111.0	220.4	346.8	339.9	319.4	305.8	290.4	276.7	278.4
77.5°	117.9	119.6	88.8	162.3	275.0	264.8	252.8	235.7	228.9	215.2	215.2
80°	88.8	94.0	66.6	111.0	198.2	198.2	187.9	176.0	164.0	157.2	157.2
82.5°	59.8	59.8	49.5	70.0	135.0	129.8	123.0	119.6	112.7	109.3	109.3
85°	27.3	34.2	30.7	42.7	73.5	76.9	76.9	73.5	71.7	68.3	70.0
87.5°	8.5	15.4	18.8	23.9	37.6	39.3	41.0	41.0	41.0	42.7	42.7
90°	5.3	9.6	13.8	14.9	23.3	34.6	40.2	35.8	26.8	20.2	20.2
92.5°	21.2	57.2	93.3	102.2	143.7	199.0	226.7	198.7	142.6	100.6	96.6
95°	50.8	116.8	182.6	199.1	353.5	559.5	662.5	591.1	448.5	341.6	329.4
97.5°	87.9	146.1	204.2	218.7	476.3	819.6	991.3	946.2	856.1	788.5	765.5
100°	116.5	169.2	222.0	235.1	520.9	902.0	1092.4	1095.8	1102.3	1107.3	1079.8
102.5°	140.8	190.0	239.2	251.5	541.3	927.8	1121.0	1178.4	1293.3	1379.5	1355.9
105°	182.2	223.9	265.5	275.9	556.5	930.7	1117.9	1246.6	1504.0	1697.2	1684.5
107.5°	224.6	263.4	302.2	311.9	559.4	889.3	1054.3	1233.9	1593.0	1862.4	1865.5
110°	253.2	288.2	323.2	332.0	555.1	852.6	1001.4	1202.1	1603.6	1904.8	1917.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	281.2	314.6	348.0	356.3	555.3	820.6	953.2	1158.7	1569.6	1877.8	1898.0
115°	323.5	354.4	385.2	392.9	560.4	783.7	895.5	1093.4	1489.3	1786.2	1814.3
117.5°	365.4	393.4	421.4	428.4	570.9	760.8	855.8	1034.3	1391.6	1659.6	1690.7
120°	389.7	416.0	442.4	449.0	579.3	753.0	839.9	1003.1	1329.5	1574.3	1604.6
122.5°	413.6	440.2	466.8	473.4	591.5	748.9	827.7	974.6	1268.6	1489.1	1518.9
125°	450.1	474.4	498.6	504.6	607.9	745.6	814.4	939.3	1188.9	1376.3	1403.8
127.5°	479.8	504.3	528.7	534.9	624.4	743.7	803.3	910.5	1124.9	1285.7	1308.9
130°	495.7	522.0	548.4	554.9	636.3	744.9	799.1	894.5	1085.4	1228.6	1250.0
132.5°	512.0	538.4	564.8	571.4	646.1	745.6	795.4	880.8	1051.7	1179.8	1199.0
135°	536.4	560.4	584.5	590.5	656.7	744.9	789.0	860.6	1003.7	1111.0	1127.5
137.5°	561.3	585.1	608.8	614.8	672.5	749.5	787.9	848.4	969.4	1060.1	1073.6
140°	582.0	603.9	625.7	631.2	682.2	750.3	784.3	836.5	941.0	1019.4	1032.0
142.5°	597.9	618.1	638.4	643.4	690.4	753.0	784.3	830.1	921.9	990.8	1001.6
145°	622.2	639.9	657.5	661.9	701.0	753.0	779.0	816.5	891.6	947.9	956.1
147.5°	646.6	663.7	681.0	685.3	716.5	758.1	779.0	808.5	867.5	911.9	918.7
150°	662.5	678.0	693.6	697.4	724.6	760.9	779.0	803.9	853.8	891.2	896.7
152.5°	678.9	690.6	702.4	705.3	729.9	762.6	779.0	800.2	842.9	874.8	879.0
155°	703.2	711.9	720.6	722.8	741.6	766.5	779.0	795.9	829.8	855.2	858.0
157.5°	721.2	729.7	738.1	740.3	753.2	770.3	779.0	792.1	818.5	838.2	840.2
160°	733.4	740.0	746.6	748.2	758.5	772.1	779.0	790.2	812.9	829.8	830.9
162.5°	745.6	750.5	755.5	756.8	764.2	774.0	779.0	788.5	807.6	821.8	822.9
165°	758.8	763.2	767.8	768.9	772.2	776.7	779.0	785.8	799.5	809.7	810.8
167.5°	771.0	773.2	775.3	775.8	778.6	782.4	784.3	788.7	797.7	804.4	804.8
170°	779.0	781.1	783.2	783.7	783.9	784.2	784.3	788.7	797.7	804.4	804.4
172.5°	783.2	783.7	784.2	784.3	784.3	784.3	784.3	787.8	794.9	800.1	799.7
175°	789.0	789.0	789.0	789.0	787.4	785.3	784.3	786.5	791.0	794.3	794.3
177.5°	789.0	789.0	789.0	789.0	787.8	786.1	785.3	787.1	790.6	793.2	792.8
180°	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1851.7	1846.5	1851.7	1848.2	1850.0	1844.8	1829.5	1824.3	1829.5	1834.6	1834.6
5°	1873.9	1870.5	1873.9	1873.9	1872.2	1868.7	1851.7	1848.2	1851.7	1853.4	1850.0
7.5°	1880.7	1875.6	1880.7	1877.3	1877.3	1873.9	1856.8	1853.4	1855.1	1860.2	1855.1
10°	1880.7	1875.6	1880.7	1879.0	1877.3	1873.9	1856.8	1850.0	1850.0	1855.1	1850.0
12.5°	1872.2	1868.7	1872.2	1868.7	1868.7	1865.3	1848.2	1841.4	1843.1	1844.8	1838.0
15°	1858.5	1853.4	1858.5	1855.1	1856.8	1851.7	1832.9	1826.0	1826.0	1829.5	1817.5
17.5°	1838.0	1831.2	1838.0	1836.3	1834.6	1831.2	1814.1	1807.2	1805.5	1807.2	1798.7
20°	1814.1	1809.0	1814.1	1812.4	1812.4	1805.5	1788.5	1779.9	1779.9	1779.9	1771.4
22.5°	1776.5	1771.4	1776.5	1779.9	1779.9	1778.2	1762.8	1750.9	1747.5	1747.5	1737.2
25°	1733.8	1728.7	1733.8	1733.8	1732.1	1733.8	1728.7	1721.8	1716.7	1711.6	1701.3
27.5°	1692.8	1689.4	1692.8	1689.4	1692.8	1687.7	1686.0	1684.3	1677.4	1672.3	1658.6
30°	1651.8	1648.4	1651.8	1648.4	1645.0	1641.5	1633.0	1629.6	1636.4	1633.0	1610.8
32.5°	1600.6	1597.1	1600.6	1600.6	1597.1	1597.1	1583.5	1578.3	1580.1	1590.3	1569.8
35°	1547.6	1542.5	1547.6	1545.9	1547.6	1542.5	1533.9	1532.2	1525.4	1537.3	1522.0
37.5°	1486.1	1481.0	1486.1	1486.1	1486.1	1489.5	1482.7	1477.6	1467.3	1482.7	1470.7
40°	1422.9	1416.1	1422.9	1421.2	1422.9	1426.3	1422.9	1419.5	1409.2	1421.2	1410.9
42.5°	1351.1	1349.4	1351.1	1352.9	1352.9	1359.7	1364.8	1358.0	1354.6	1346.0	1352.9
45°	1274.3	1270.9	1274.3	1277.7	1279.4	1282.8	1298.2	1298.2	1293.1	1279.4	1289.6
47.5°	1192.3	1183.7	1192.3	1202.5	1202.5	1207.7	1223.0	1235.0	1226.4	1209.4	1214.5
50°	1105.2	1106.9	1105.2	1112.0	1112.0	1130.8	1142.7	1154.7	1163.2	1142.7	1118.8
52.5°	1019.7	1018.1	1019.7	1024.9	1031.7	1040.2	1060.7	1072.7	1086.4	1074.4	1036.8
55°	934.4	937.8	934.4	936.1	939.5	944.7	975.4	987.4	1013.0	997.6	958.3
57.5°	849.0	843.9	849.0	852.4	854.1	859.3	884.9	907.1	922.5	924.2	876.3
60°	749.9	743.1	749.9	765.3	768.7	772.1	796.0	816.5	830.2	835.3	785.8
62.5°	662.8	650.8	662.8	673.1	679.9	688.4	705.5	736.3	748.2	749.9	679.9
65°	570.6	565.4	570.6	591.1	592.8	603.0	621.8	644.0	669.6	666.2	565.4
67.5°	486.9	486.9	486.9	500.5	510.8	515.9	539.8	550.1	582.5	585.9	471.5
70°	410.0	408.3	410.0	420.2	427.1	439.0	461.2	473.2	498.8	507.4	382.6
72.5°	336.5	334.8	336.5	345.1	351.9	362.2	380.9	394.6	416.8	427.1	297.2
75°	271.6	268.2	271.6	278.4	276.7	290.4	305.8	319.4	339.9	346.8	220.4
77.5°	208.4	208.4	208.4	215.2	215.2	228.9	235.7	252.8	264.8	275.0	162.3
80°	155.5	153.7	155.5	157.2	157.2	164.0	176.0	187.9	198.2	198.2	111.0
82.5°	109.3	105.9	109.3	109.3	109.3	112.7	119.6	123.0	129.8	135.0	70.0
85°	68.3	68.3	68.3	70.0	68.3	71.7	73.5	76.9	76.9	73.5	42.7
87.5°	44.4	42.7	44.4	42.7	42.7	41.0	41.0	41.0	39.3	37.6	23.9
90°	20.2	20.2	20.2	20.2	20.2	26.8	35.8	40.2	34.6	23.3	14.9
92.5°	80.6	64.6	80.6	96.6	100.6	142.6	198.7	226.7	199.0	143.7	102.2
95°	281.0	232.5	281.0	329.4	341.6	448.5	591.1	662.5	559.5	353.5	199.1
97.5°	673.1	580.9	673.1	765.5	788.5	856.1	946.2	991.3	819.6	476.3	218.7
100°	969.9	860.0	969.9	1079.8	1107.3	1102.3	1095.8	1092.4	902.0	520.9	235.1
102.5°	1261.8	1167.7	1261.8	1355.9	1379.5	1293.3	1178.4	1121.0	927.8	541.3	251.5
105°	1633.9	1583.3	1633.9	1684.5	1697.2	1504.0	1246.6	1117.9	930.7	556.5	275.9
107.5°	1877.7	1889.9	1877.7	1865.5	1862.4	1593.0	1233.9	1054.3	889.3	559.4	311.9
110°	1970.7	2023.4	1970.7	1917.9	1904.8	1603.6	1202.1	1001.4	852.6	555.1	332.0



TEST NUMBER: P934743

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1978.9	2059.9	1978.9	1898.0	1877.8	1569.6	1158.7	953.2	820.6	555.3	356.3
115°	1926.5	2038.7	1926.5	1814.3	1786.2	1489.3	1093.4	895.5	783.7	560.4	392.9
117.5°	1815.2	1939.7	1815.2	1690.7	1659.6	1391.6	1034.3	855.8	760.8	570.9	428.4
120°	1725.6	1846.5	1725.6	1604.6	1574.3	1329.5	1003.1	839.9	753.0	579.3	449.0
122.5°	1638.2	1757.5	1638.2	1518.9	1489.1	1268.6	974.6	827.7	748.9	591.5	473.4
125°	1513.7	1623.6	1513.7	1403.8	1376.3	1188.9	939.3	814.4	745.6	607.9	504.6
127.5°	1401.6	1494.4	1401.6	1308.9	1285.7	1124.9	910.5	803.3	743.7	624.4	534.9
130°	1335.6	1421.3	1335.6	1250.0	1228.6	1085.4	894.5	799.1	744.9	636.3	554.9
132.5°	1275.7	1352.4	1275.7	1199.0	1179.8	1051.7	880.8	795.4	745.6	646.1	571.4
135°	1193.6	1259.8	1193.6	1127.5	1111.0	1003.7	860.6	789.0	744.9	656.7	590.5
137.5°	1127.8	1181.9	1127.8	1073.6	1060.1	969.4	848.4	787.9	749.5	672.5	614.8
140°	1082.7	1133.3	1082.7	1032.0	1019.4	941.0	836.5	784.3	750.3	682.2	631.2
142.5°	1045.2	1088.8	1045.2	1001.6	990.8	921.9	830.1	784.3	753.0	690.4	643.4
145°	989.1	1022.0	989.1	956.1	947.9	891.6	816.5	779.0	753.0	701.0	661.9
147.5°	945.9	973.3	945.9	918.7	911.9	867.5	808.5	779.0	758.1	716.5	685.3
150°	918.9	941.0	918.9	896.7	891.2	853.8	803.9	779.0	760.9	724.6	697.4
152.5°	895.6	912.4	895.6	879.0	874.8	842.9	800.2	779.0	762.6	729.9	705.3
155°	869.1	880.1	869.1	858.0	855.2	829.8	795.9	779.0	766.5	741.6	722.8
157.5°	848.0	855.8	848.0	840.2	838.2	818.5	792.1	779.0	770.3	753.2	740.3
160°	835.4	839.9	835.4	830.9	829.8	812.9	790.2	779.0	772.1	758.5	748.2
162.5°	827.1	831.4	827.1	822.9	821.8	807.6	788.5	779.0	774.0	764.2	756.8
165°	815.3	819.7	815.3	810.8	809.7	799.5	785.8	779.0	776.7	772.2	768.9
167.5°	806.7	808.6	806.7	804.8	804.4	797.7	788.7	784.3	782.4	778.6	775.8
170°	804.4	804.4	804.4	804.4	804.4	797.7	788.7	784.3	784.2	783.9	783.7
172.5°	798.1	796.5	798.1	799.7	800.1	794.9	787.8	784.3	784.3	784.3	784.3
175°	794.3	794.3	794.3	794.3	794.3	791.0	786.5	784.3	785.3	787.4	789.0
177.5°	790.9	789.0	790.9	792.8	793.2	790.6	787.1	785.3	786.1	787.8	789.0
180°	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0



TEST NUMBER: P934743

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1831.2	1820.9	1820.9	1803.8	1797.0	1791.9	1783.3	1757.7	1750.9	1744.0	1754.3
5°	1846.5	1827.7	1814.1	1783.3	1757.7	1747.5	1715.0	1653.5	1612.5	1581.8	1564.7
7.5°	1850.0	1826.0	1800.4	1752.6	1691.1	1663.8	1564.7	1451.9	1421.2	1393.9	1376.8
10°	1846.5	1819.2	1783.3	1711.6	1566.4	1518.6	1419.5	1346.0	1327.2	1322.1	1327.2
12.5°	1834.6	1809.0	1759.4	1639.8	1436.6	1404.1	1346.0	1303.3	1299.9	1308.4	1354.6
15°	1814.1	1790.2	1732.1	1544.2	1364.8	1340.9	1299.9	1284.5	1303.3	1363.1	1501.5
17.5°	1793.6	1766.3	1694.5	1450.2	1310.1	1293.1	1264.0	1294.8	1400.7	1481.0	1527.1
20°	1766.3	1733.8	1651.8	1381.9	1270.9	1255.5	1241.8	1380.2	1460.5	1489.5	1515.1
22.5°	1733.8	1699.6	1593.7	1334.1	1229.9	1217.9	1226.4	1428.0	1460.5	1481.0	1503.2
25°	1691.1	1662.0	1525.4	1296.5	1197.4	1183.7	1216.2	1422.9	1441.7	1446.8	1491.2
27.5°	1651.8	1614.2	1453.6	1262.3	1158.1	1153.0	1224.7	1400.7	1414.4	1419.5	1467.3
30°	1604.0	1547.6	1373.4	1226.4	1117.1	1115.4	1226.4	1373.4	1369.9	1383.6	1431.4
32.5°	1554.4	1448.5	1282.8	1182.0	1077.8	1076.1	1214.5	1332.4	1328.9	1347.7	1383.6
35°	1508.3	1371.6	1159.8	1130.8	1028.3	1030.0	1185.4	1284.5	1286.2	1303.3	1325.5
37.5°	1460.5	1305.0	1024.9	1074.4	980.5	980.5	1146.2	1240.1	1236.7	1241.8	1272.6
40°	1404.1	1200.8	905.4	1001.0	936.1	931.0	1098.3	1192.3	1180.3	1178.6	1221.3
42.5°	1344.3	1086.4	816.5	903.7	884.9	878.0	1040.2	1134.2	1112.0	1117.1	1171.8
45°	1279.4	1055.6	748.2	763.6	831.9	826.8	977.1	1067.6	1052.2	1065.9	1122.2
47.5°	1214.5	994.2	726.0	633.8	775.5	773.8	907.1	1002.7	994.2	1007.9	1067.6
50°	1125.7	925.9	724.3	543.2	712.3	719.2	823.4	939.5	939.5	951.5	1014.7
52.5°	1011.3	842.2	657.7	492.0	638.9	659.4	749.9	884.9	888.3	900.3	956.6
55°	907.1	755.0	609.8	452.7	551.8	596.2	678.2	828.5	835.3	847.3	898.5
57.5°	811.4	628.6	599.6	406.6	471.5	514.2	615.0	773.8	777.3	787.5	837.0
60°	708.9	454.4	550.1	357.0	401.4	433.9	556.9	708.9	720.9	727.7	770.4
62.5°	592.8	329.7	498.8	322.9	367.3	374.1	509.1	647.4	662.8	667.9	693.6
65°	421.9	276.7	423.6	293.8	331.4	333.1	457.8	584.2	597.9	606.4	625.2
67.5°	285.3	225.5	322.9	266.5	304.1	305.8	408.3	510.8	529.6	536.4	548.4
70°	198.2	150.3	239.2	237.4	273.3	276.7	355.3	444.1	461.2	466.4	473.2
72.5°	145.2	121.3	198.2	213.5	240.9	244.3	300.7	369.0	386.1	391.2	394.6
75°	111.0	128.1	160.6	186.2	205.0	206.7	246.0	300.7	312.6	316.0	317.7
77.5°	88.8	119.6	117.9	150.3	167.4	164.0	193.0	232.3	242.6	242.6	242.6
80°	66.6	94.0	88.8	107.6	123.0	119.6	138.4	165.7	169.1	172.5	170.8
82.5°	49.5	59.8	59.8	68.3	82.0	78.6	92.2	107.6	107.6	107.6	111.0
85°	30.7	34.2	27.3	35.9	46.1	44.4	51.2	58.1	59.8	59.8	56.4
87.5°	18.8	15.4	8.5	13.7	20.5	20.5	23.9	25.6	23.9	23.9	23.9
90°	13.8	9.6	5.3	9.6	13.8	14.9	23.3	34.6	40.2	35.8	26.8
92.5°	93.3	57.2	21.2	57.2	93.3	102.2	143.7	199.0	226.7	198.7	142.6
95°	182.6	116.8	50.8	116.8	182.6	199.1	353.5	559.5	662.5	591.1	448.5
97.5°	204.2	146.1	87.9	146.1	204.2	218.7	476.3	819.6	991.3	946.2	856.1
100°	222.0	169.2	116.5	169.2	222.0	235.1	520.9	902.0	1092.4	1095.8	1102.3
102.5°	239.2	190.0	140.8	190.0	239.2	251.5	541.3	927.8	1121.0	1178.4	1293.3
105°	265.5	223.9	182.2	223.9	265.5	275.9	556.5	930.7	1117.9	1246.6	1504.0
107.5°	302.2	263.4	224.6	263.4	302.2	311.9	559.4	889.3	1054.3	1233.9	1593.0
110°	323.2	288.2	253.2	288.2	323.2	332.0	555.1	852.6	1001.4	1202.1	1603.6



TEST NUMBER: P934743

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	348.0	314.6	281.2	314.6	348.0	356.3	555.3	820.6	953.2	1158.7	1569.6
115°	385.2	354.4	323.5	354.4	385.2	392.9	560.4	783.7	895.5	1093.4	1489.3
117.5°	421.4	393.4	365.4	393.4	421.4	428.4	570.9	760.8	855.8	1034.3	1391.6
120°	442.4	416.0	389.7	416.0	442.4	449.0	579.3	753.0	839.9	1003.1	1329.5
122.5°	466.8	440.2	413.6	440.2	466.8	473.4	591.5	748.9	827.7	974.6	1268.6
125°	498.6	474.4	450.1	474.4	498.6	504.6	607.9	745.6	814.4	939.3	1188.9
127.5°	528.7	504.3	479.8	504.3	528.7	534.9	624.4	743.7	803.3	910.5	1124.9
130°	548.4	522.0	495.7	522.0	548.4	554.9	636.3	744.9	799.1	894.5	1085.4
132.5°	564.8	538.4	512.0	538.4	564.8	571.4	646.1	745.6	795.4	880.8	1051.7
135°	584.5	560.4	536.4	560.4	584.5	590.5	656.7	744.9	789.0	860.6	1003.7
137.5°	608.8	585.1	561.3	585.1	608.8	614.8	672.5	749.5	787.9	848.4	969.4
140°	625.7	603.9	582.0	603.9	625.7	631.2	682.2	750.3	784.3	836.5	941.0
142.5°	638.4	618.1	597.9	618.1	638.4	643.4	690.4	753.0	784.3	830.1	921.9
145°	657.5	639.9	622.2	639.9	657.5	661.9	701.0	753.0	779.0	816.5	891.6
147.5°	681.0	663.7	646.6	663.7	681.0	685.3	716.5	758.1	779.0	808.5	867.5
150°	693.6	678.0	662.5	678.0	693.6	697.4	724.6	760.9	779.0	803.9	853.8
152.5°	702.4	690.6	678.9	690.6	702.4	705.3	729.9	762.6	779.0	800.2	842.9
155°	720.6	711.9	703.2	711.9	720.6	722.8	741.6	766.5	779.0	795.9	829.8
157.5°	738.1	729.7	721.2	729.7	738.1	740.3	753.2	770.3	779.0	792.1	818.5
160°	746.6	740.0	733.4	740.0	746.6	748.2	758.5	772.1	779.0	790.2	812.9
162.5°	755.5	750.5	745.6	750.5	755.5	756.8	764.2	774.0	779.0	788.5	807.6
165°	767.8	763.2	758.8	763.2	767.8	768.9	772.2	776.7	779.0	785.8	799.5
167.5°	775.3	773.2	771.0	773.2	775.3	775.8	778.6	782.4	784.3	788.7	797.7
170°	783.2	781.1	779.0	781.1	783.2	783.7	783.9	784.2	784.3	788.7	797.7
172.5°	784.2	783.7	783.2	783.7	784.2	784.3	784.3	784.3	784.3	787.8	794.9
175°	789.0	789.0	789.0	789.0	789.0	789.0	787.4	785.3	784.3	786.5	791.0
177.5°	789.0	789.0	789.0	789.0	789.0	789.0	787.8	786.1	785.3	787.1	790.6
180°	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0



TEST NUMBER: P934743

CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1742.3	1737.2	1744.0	1725.3	1744.0	1737.2	1742.3	1754.3	1744.0	1750.9	1757.7
5°	1528.8	1520.3	1492.9	1470.7	1492.9	1520.3	1528.8	1564.7	1581.8	1612.5	1653.5
7.5°	1366.5	1359.7	1352.9	1339.2	1352.9	1359.7	1366.5	1376.8	1393.9	1421.2	1451.9
10°	1330.6	1332.4	1342.6	1340.9	1342.6	1332.4	1330.6	1327.2	1322.1	1327.2	1346.0
12.5°	1422.9	1438.3	1494.6	1491.2	1494.6	1438.3	1422.9	1354.6	1308.4	1299.9	1303.3
15°	1528.8	1533.9	1545.9	1547.6	1545.9	1533.9	1528.8	1501.5	1363.1	1303.3	1284.5
17.5°	1539.1	1540.8	1549.3	1549.3	1549.3	1540.8	1539.1	1527.1	1481.0	1400.7	1294.8
20°	1530.5	1533.9	1551.0	1554.4	1551.0	1533.9	1530.5	1515.1	1489.5	1460.5	1380.2
22.5°	1527.1	1533.9	1547.6	1545.9	1547.6	1533.9	1527.1	1503.2	1481.0	1460.5	1428.0
25°	1510.0	1510.0	1511.7	1513.4	1511.7	1510.0	1510.0	1491.2	1446.8	1441.7	1422.9
27.5°	1474.1	1477.6	1487.8	1486.1	1487.8	1477.6	1474.1	1467.3	1419.5	1414.4	1400.7
30°	1441.7	1438.3	1429.7	1422.9	1429.7	1438.3	1441.7	1431.4	1383.6	1369.9	1373.4
32.5°	1387.0	1378.5	1369.9	1364.8	1369.9	1378.5	1387.0	1383.6	1347.7	1328.9	1332.4
35°	1322.1	1323.8	1322.1	1317.0	1322.1	1323.8	1322.1	1325.5	1303.3	1286.2	1284.5
37.5°	1276.0	1279.4	1277.7	1270.9	1277.7	1279.4	1276.0	1272.6	1241.8	1236.7	1240.1
40°	1228.2	1229.9	1228.2	1223.0	1228.2	1229.9	1228.2	1221.3	1178.6	1180.3	1192.3
42.5°	1182.0	1180.3	1175.2	1171.8	1175.2	1180.3	1182.0	1171.8	1117.1	1112.0	1134.2
45°	1129.1	1130.8	1120.5	1115.4	1120.5	1130.8	1129.1	1122.2	1065.9	1052.2	1067.6
47.5°	1076.1	1076.1	1067.6	1062.4	1067.6	1076.1	1076.1	1067.6	1007.9	994.2	1002.7
50°	1019.7	1018.1	1006.2	1004.5	1006.2	1018.1	1019.7	1014.7	951.5	939.5	939.5
52.5°	954.9	954.9	956.6	960.0	956.6	954.9	954.9	956.6	900.3	888.3	884.9
55°	898.5	900.3	912.2	915.6	912.2	900.3	898.5	898.5	847.3	835.3	828.5
57.5°	840.5	840.5	849.0	849.0	849.0	840.5	840.5	837.0	787.5	777.3	773.8
60°	773.8	777.3	784.1	782.4	784.1	777.3	773.8	770.4	727.7	720.9	708.9
62.5°	703.8	707.2	708.9	705.5	708.9	707.2	703.8	693.6	667.9	662.8	647.4
65°	630.3	633.8	635.5	632.1	635.5	633.8	630.3	625.2	606.4	597.9	584.2
67.5°	555.2	553.5	551.8	558.6	551.8	553.5	555.2	548.4	536.4	529.6	510.8
70°	478.3	478.3	476.6	480.0	476.6	478.3	478.3	473.2	466.4	461.2	444.1
72.5°	396.3	394.6	401.4	396.3	401.4	394.6	396.3	394.6	391.2	386.1	369.0
75°	316.0	319.4	316.0	321.2	316.0	319.4	316.0	317.7	316.0	312.6	300.7
77.5°	240.9	244.3	240.9	240.9	240.9	244.3	240.9	242.6	242.6	242.6	232.3
80°	170.8	169.1	169.1	167.4	169.1	169.1	170.8	170.8	172.5	169.1	165.7
82.5°	109.3	107.6	107.6	111.0	107.6	107.6	109.3	111.0	107.6	107.6	107.6
85°	59.8	61.5	58.1	58.1	58.1	61.5	59.8	56.4	59.8	59.8	58.1
87.5°	22.2	20.5	20.5	20.5	20.5	20.5	22.2	23.9	23.9	23.9	25.6
90°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	26.8	35.8	40.2	34.6
92.5°	100.6	96.6	80.6	64.6	80.6	96.6	100.6	142.6	198.7	226.7	199.0
95°	341.6	329.4	281.0	232.5	281.0	329.4	341.6	448.5	591.1	662.5	559.5
97.5°	788.5	765.5	673.1	580.9	673.1	765.5	788.5	856.1	946.2	991.3	819.6
100°	1107.3	1079.8	969.9	860.0	969.9	1079.8	1107.3	1102.3	1095.8	1092.4	902.0
102.5°	1379.5	1355.9	1261.8	1167.7	1261.8	1355.9	1379.5	1293.3	1178.4	1121.0	927.8
105°	1697.2	1684.5	1633.9	1583.3	1633.9	1684.5	1697.2	1504.0	1246.6	1117.9	930.7
107.5°	1862.4	1865.5	1877.7	1889.9	1877.7	1865.5	1862.4	1593.0	1233.9	1054.3	889.3
110°	1904.8	1917.9	1970.7	2023.4	1970.7	1917.9	1904.8	1603.6	1202.1	1001.4	852.6



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1877.8	1898.0	1978.9	2059.9	1978.9	1898.0	1877.8	1569.6	1158.7	953.2	820.6
115°	1786.2	1814.3	1926.5	2038.7	1926.5	1814.3	1786.2	1489.3	1093.4	895.5	783.7
117.5°	1659.6	1690.7	1815.2	1939.7	1815.2	1690.7	1659.6	1391.6	1034.3	855.8	760.8
120°	1574.3	1604.6	1725.6	1846.5	1725.6	1604.6	1574.3	1329.5	1003.1	839.9	753.0
122.5°	1489.1	1518.9	1638.2	1757.5	1638.2	1518.9	1489.1	1268.6	974.6	827.7	748.9
125°	1376.3	1403.8	1513.7	1623.6	1513.7	1403.8	1376.3	1188.9	939.3	814.4	745.6
127.5°	1285.7	1308.9	1401.6	1494.4	1401.6	1308.9	1285.7	1124.9	910.5	803.3	743.7
130°	1228.6	1250.0	1335.6	1421.3	1335.6	1250.0	1228.6	1085.4	894.5	799.1	744.9
132.5°	1179.8	1199.0	1275.7	1352.4	1275.7	1199.0	1179.8	1051.7	880.8	795.4	745.6
135°	1111.0	1127.5	1193.6	1259.8	1193.6	1127.5	1111.0	1003.7	860.6	789.0	744.9
137.5°	1060.1	1073.6	1127.8	1181.9	1127.8	1073.6	1060.1	969.4	848.4	787.9	749.5
140°	1019.4	1032.0	1082.7	1133.3	1082.7	1032.0	1019.4	941.0	836.5	784.3	750.3
142.5°	990.8	1001.6	1045.2	1088.8	1045.2	1001.6	990.8	921.9	830.1	784.3	753.0
145°	947.9	956.1	989.1	1022.0	989.1	956.1	947.9	891.6	816.5	779.0	753.0
147.5°	911.9	918.7	945.9	973.3	945.9	918.7	911.9	867.5	808.5	779.0	758.1
150°	891.2	896.7	918.9	941.0	918.9	896.7	891.2	853.8	803.9	779.0	760.9
152.5°	874.8	879.0	895.6	912.4	895.6	879.0	874.8	842.9	800.2	779.0	762.6
155°	855.2	858.0	869.1	880.1	869.1	858.0	855.2	829.8	795.9	779.0	766.5
157.5°	838.2	840.2	848.0	855.8	848.0	840.2	838.2	818.5	792.1	779.0	770.3
160°	829.8	830.9	835.4	839.9	835.4	830.9	829.8	812.9	790.2	779.0	772.1
162.5°	821.8	822.9	827.1	831.4	827.1	822.9	821.8	807.6	788.5	779.0	774.0
165°	809.7	810.8	815.3	819.7	815.3	810.8	809.7	799.5	785.8	779.0	776.7
167.5°	804.4	804.8	806.7	808.6	806.7	804.8	804.4	797.7	788.7	784.3	782.4
170°	804.4	804.4	804.4	804.4	804.4	804.4	804.4	797.7	788.7	784.3	784.2
172.5°	800.1	799.7	798.1	796.5	798.1	799.7	800.1	794.9	787.8	784.3	784.3
175°	794.3	794.3	794.3	794.3	794.3	794.3	794.3	791.0	786.5	784.3	785.3
177.5°	793.2	792.8	790.9	789.0	790.9	792.8	793.2	790.6	787.1	785.3	786.1
180°	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0	789.0



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1805.5	1805.5	1805.5	1805.5	1805.5
2.5°	1783.3	1791.9	1797.0	1803.8	1820.9
5°	1715.0	1747.5	1757.7	1783.3	1814.1
7.5°	1564.7	1663.8	1691.1	1752.6	1800.4
10°	1419.5	1518.6	1566.4	1711.6	1783.3
12.5°	1346.0	1404.1	1436.6	1639.8	1759.4
15°	1299.9	1340.9	1364.8	1544.2	1732.1
17.5°	1264.0	1293.1	1310.1	1450.2	1694.5
20°	1241.8	1255.5	1270.9	1381.9	1651.8
22.5°	1226.4	1217.9	1229.9	1334.1	1593.7
25°	1216.2	1183.7	1197.4	1296.5	1525.4
27.5°	1224.7	1153.0	1158.1	1262.3	1453.6
30°	1226.4	1115.4	1117.1	1226.4	1373.4
32.5°	1214.5	1076.1	1077.8	1182.0	1282.8
35°	1185.4	1030.0	1028.3	1130.8	1159.8
37.5°	1146.2	980.5	980.5	1074.4	1024.9
40°	1098.3	931.0	936.1	1001.0	905.4
42.5°	1040.2	878.0	884.9	903.7	816.5
45°	977.1	826.8	831.9	763.6	748.2
47.5°	907.1	773.8	775.5	633.8	726.0
50°	823.4	719.2	712.3	543.2	724.3
52.5°	749.9	659.4	638.9	492.0	657.7
55°	678.2	596.2	551.8	452.7	609.8
57.5°	615.0	514.2	471.5	406.6	599.6
60°	556.9	433.9	401.4	357.0	550.1
62.5°	509.1	374.1	367.3	322.9	498.8
65°	457.8	333.1	331.4	293.8	423.6
67.5°	408.3	305.8	304.1	266.5	322.9
70°	355.3	276.7	273.3	237.4	239.2
72.5°	300.7	244.3	240.9	213.5	198.2
75°	246.0	206.7	205.0	186.2	160.6
77.5°	193.0	164.0	167.4	150.3	117.9
80°	138.4	119.6	123.0	107.6	88.8
82.5°	92.2	78.6	82.0	68.3	59.8
85°	51.2	44.4	46.1	35.9	27.3
87.5°	23.9	20.5	20.5	13.7	8.5
90°	23.3	14.9	13.8	9.6	5.3
92.5°	143.7	102.2	93.3	57.2	21.2
95°	353.5	199.1	182.6	116.8	50.8
97.5°	476.3	218.7	204.2	146.1	87.9
100°	520.9	235.1	222.0	169.2	116.5
102.5°	541.3	251.5	239.2	190.0	140.8
105°	556.5	275.9	265.5	223.9	182.2
107.5°	559.4	311.9	302.2	263.4	224.6
110°	555.1	332.0	323.2	288.2	253.2



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CATALOG NUMBER: SQ4-FA-075U-075D-92765-1D-UNV-STD-W-8-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	555.3	356.3	348.0	314.6	281.2
115°	560.4	392.9	385.2	354.4	323.5
117.5°	570.9	428.4	421.4	393.4	365.4
120°	579.3	449.0	442.4	416.0	389.7
122.5°	591.5	473.4	466.8	440.2	413.6
125°	607.9	504.6	498.6	474.4	450.1
127.5°	624.4	534.9	528.7	504.3	479.8
130°	636.3	554.9	548.4	522.0	495.7
132.5°	646.1	571.4	564.8	538.4	512.0
135°	656.7	590.5	584.5	560.4	536.4
137.5°	672.5	614.8	608.8	585.1	561.3
140°	682.2	631.2	625.7	603.9	582.0
142.5°	690.4	643.4	638.4	618.1	597.9
145°	701.0	661.9	657.5	639.9	622.2
147.5°	716.5	685.3	681.0	663.7	646.6
150°	724.6	697.4	693.6	678.0	662.5
152.5°	729.9	705.3	702.4	690.6	678.9
155°	741.6	722.8	720.6	711.9	703.2
157.5°	753.2	740.3	738.1	729.7	721.2
160°	758.5	748.2	746.6	740.0	733.4
162.5°	764.2	756.8	755.5	750.5	745.6
165°	772.2	768.9	767.8	763.2	758.8
167.5°	778.6	775.8	775.3	773.2	771.0
170°	783.9	783.7	783.2	781.1	779.0
172.5°	784.3	784.3	784.2	783.7	783.2
175°	787.4	789.0	789.0	789.0	789.0
177.5°	787.8	789.0	789.0	789.0	789.0
180°	789.0	789.0	789.0	789.0	789.0



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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	11.99	12.83	12.96	13.82	15.12	14.82	15.66	15.80	16.65	17.96
	3H	12.46	13.22	13.45	14.21	15.54	16.17	16.92	17.16	17.92	19.25
	4H	12.65	13.37	13.65	14.37	15.70	16.61	17.33	17.61	18.33	19.66
	6H	12.77	13.43	13.78	14.43	15.78	16.90	17.56	17.91	18.56	19.91
	8H	12.77	13.40	13.79	14.42	15.76	16.98	17.60	17.99	18.62	19.97
	12H	12.74	13.34	13.76	14.35	15.72	17.01	17.61	18.04	18.63	19.99
4H	2H	13.02	13.73	14.02	14.73	16.07	15.23	15.94	16.24	16.95	18.28
	3H	14.04	14.64	15.06	15.67	17.01	16.74	17.33	17.75	18.36	19.71
	4H	14.32	14.86	15.34	15.89	17.25	17.26	17.81	18.29	18.83	20.20
	6H	14.44	14.91	15.48	15.96	17.32	17.63	18.10	18.67	19.15	20.51
	8H	14.45	14.88	15.48	15.92	17.30	17.74	18.18	18.77	19.21	20.60
	12H	14.41	14.81	15.47	15.86	17.25	17.80	18.19	18.85	19.24	20.63
8H	4H	14.77	15.21	15.81	16.25	17.63	17.39	17.82	18.42	18.86	20.24
	6H	15.03	15.39	16.09	16.47	17.85	17.83	18.19	18.88	19.27	20.65
	8H	15.07	15.39	16.14	16.46	17.86	17.98	18.30	19.04	19.36	20.76
	12H	15.06	15.34	16.13	16.40	17.84	18.08	18.36	19.15	19.42	20.86
12H	4H	14.78	15.17	15.83	16.23	17.61	17.35	17.75	18.40	18.80	20.19
	6H	15.09	15.41	16.16	16.48	17.87	17.82	18.14	18.89	19.21	20.60
	8H	15.16	15.44	16.23	16.50	17.94	17.98	18.26	19.05	19.32	20.76