

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: P936158

Luminaire Tested: SQ4-FA-150U-125D-93050-1D-UNV-STD-W-4-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936158
REPORT IS A COMBINATION OF REPORTS P933782 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-125D-93050-1D-UNV-STD-W-4-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

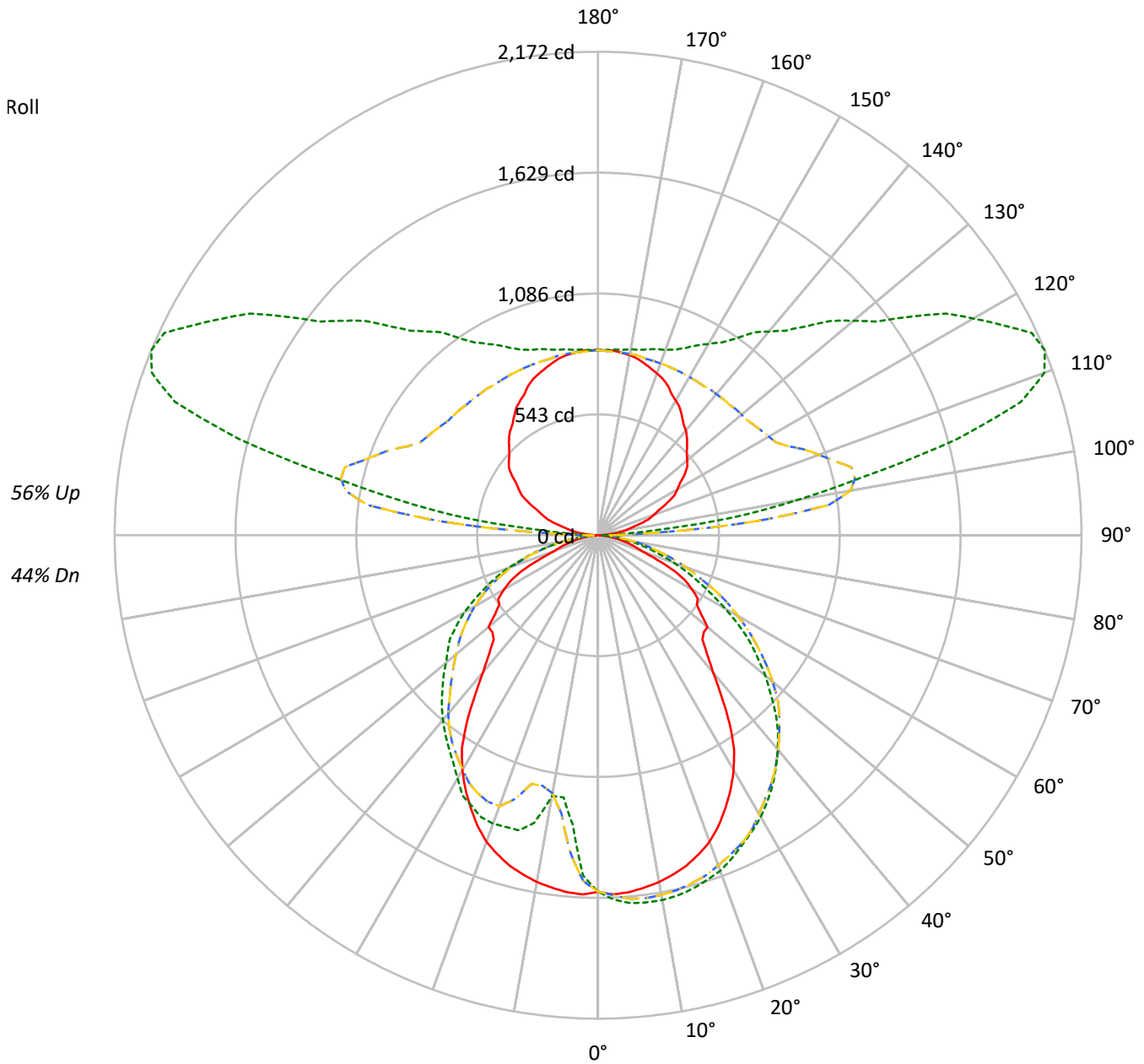
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9549.4 lumens
Efficiency: N/A
Efficacy: 114.8 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 83.2
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	50	30	10	0
RCR																					
0	106	106	106	106	97	97	97	97	80	80	80	64	64	64	50	50	50	44	44	44	44
1	96	92	88	85	88	84	81	78	70	68	66	57	55	54	44	43	42	37	37	37	37
2	88	80	74	69	80	74	69	64	61	58	54	50	47	45	39	37	36	31	31	31	31
3	80	71	63	58	73	65	59	54	54	49	46	44	41	38	35	32	30	26	26	26	26
4	73	63	55	49	67	57	51	45	48	43	39	39	35	32	31	28	26	22	22	22	22
5	67	56	48	42	61	51	44	39	43	37	33	35	31	28	28	25	23	19	19	19	19
6	62	50	42	36	56	46	39	34	39	33	29	32	28	24	25	22	20	17	17	17	17
7	57	45	37	31	52	41	34	29	35	29	25	29	25	22	23	20	18	15	15	15	15
8	53	41	33	28	48	38	31	26	32	26	23	26	22	19	21	18	16	13	13	13	13
9	49	37	30	25	45	34	28	23	29	24	20	24	20	17	19	16	14	12	12	12	12
10	46	34	27	22	42	31	25	21	27	22	18	22	18	16	18	15	13	11	11	11	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14861	14861	14861	14861
5°	14956	15001	14956	11796
10°	14839	14778	14839	10565
15°	14661	14457	14661	12072
20°	14338	14078	14338	12097
25°	13693	13524	13693	11840
30°	12867	13065	12867	11278
35°	11454	12484	11454	10659
40°	9527	11800	9527	10192
45°	8496	11000	8496	9655
50°	9005	10045	9005	9115
55°	8449	9016	8449	8803
60°	8679	7658	8679	8064
65°	7831	6331	7831	7076
70°	5385	5046	5385	5931
75°	4670	3730	4670	4466
80°	3688	2466	3688	2683
85°	2012	1306	2012	1110

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13047 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	144.6	1.5
10°-20°	410.5	4.3
20°-30°	634.5	6.6
30°-40°	757.5	7.9
40°-50°	761.9	8.0
50°-60°	662.9	6.9
60°-70°	470.0	4.9
70°-80°	248.7	2.6
80°-90°	65.1	0.7
90°-100°	405.6	4.2
100°-110°	1066.3	11.2
110°-120°	1105.6	11.6
120°-130°	886.8	9.3
130°-140°	695.8	7.3
140°-150°	534.1	5.6
150°-160°	384.6	4.0
160°-170°	235.3	2.5
170°-180°	79.5	0.8
0°-30°	1189.5	12.5
0°-40°	1947.0	20.4
0°-60°	3371.8	35.3
0°-90°	4155.6	43.5
90°-120°	2577.5	27.0
90°-150°	4694.3	49.2
90°-180°	5394.0	56.5
0°-180°	9549.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1602	1602	1602	1602	1602	
5°	1609	1659	1609	1305	1609	153
15°	1536	1644	1536	1373	1536	432
25°	1353	1533	1353	1342	1353	621
35°	1029	1368	1029	1168	1029	636
45°	664	1127	664	989	664	532
55°	541	832	541	812	541	497
65°	376	502	376	561	376	359
75°	142	238	142	285	142	150
85°	24	61	24	52	24	33
90°	6	21	6	21	6	6
95°	54	245	54	245	54	60
105°	192	1670	192	1670	192	204
115°	341	2150	341	2150	341	337
125°	475	1712	475	1712	475	421
135°	566	1328	566	1328	566	438
145°	656	1078	656	1078	656	411
155°	742	928	742	928	742	341
165°	800	864	800	864	800	226
175°	832	838	832	838	832	79
180°	832	832	832	832	832	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5
2.5°	1615.1	1615.1	1624.3	1627.3	1627.3	1622.8	1618.2	1622.8	1636.4	1640.9	1639.4
5°	1609.1	1621.2	1637.9	1640.9	1644.0	1642.4	1639.4	1642.4	1657.6	1660.6	1662.1
7.5°	1597.0	1619.7	1640.9	1645.5	1650.0	1645.5	1644.0	1647.0	1662.1	1665.2	1665.2
10°	1581.8	1613.6	1637.9	1640.9	1645.5	1640.9	1640.9	1647.0	1662.1	1665.2	1666.7
12.5°	1560.6	1604.6	1627.3	1630.3	1636.4	1634.8	1633.3	1639.4	1654.5	1657.6	1657.6
15°	1536.4	1587.9	1609.1	1612.1	1622.8	1619.7	1619.7	1625.8	1642.4	1647.0	1645.5
17.5°	1503.0	1566.7	1590.9	1595.4	1603.1	1601.5	1603.1	1609.1	1624.3	1627.3	1628.8
20°	1465.2	1537.9	1566.7	1571.2	1578.8	1578.8	1578.8	1586.4	1601.5	1607.6	1607.6
22.5°	1413.6	1507.6	1537.9	1540.9	1550.0	1550.0	1553.0	1563.7	1577.3	1578.8	1578.8
25°	1353.0	1474.2	1500.0	1509.1	1518.2	1522.7	1527.3	1533.3	1537.9	1536.4	1537.9
27.5°	1289.4	1431.8	1465.2	1471.2	1483.4	1487.9	1493.9	1495.4	1497.0	1501.5	1498.5
30°	1218.2	1372.7	1422.7	1428.8	1448.5	1451.5	1445.5	1448.5	1456.0	1459.1	1462.1
32.5°	1137.9	1284.9	1378.8	1392.4	1410.7	1401.5	1400.0	1404.6	1416.7	1416.7	1419.7
35°	1028.8	1216.6	1337.9	1350.0	1363.6	1353.0	1359.1	1360.6	1368.2	1372.7	1371.3
37.5°	909.1	1157.5	1295.4	1304.6	1315.1	1301.5	1310.6	1315.1	1321.2	1318.2	1318.2
40°	803.0	1065.2	1245.5	1251.6	1260.6	1250.0	1259.1	1262.1	1265.2	1262.1	1260.6
42.5°	724.2	963.6	1192.5	1200.0	1193.9	1201.5	1204.6	1210.6	1206.1	1200.0	1200.0
45°	663.6	936.4	1134.8	1143.9	1134.8	1147.0	1151.6	1151.6	1137.9	1134.8	1133.4
47.5°	643.9	881.8	1077.2	1077.2	1072.8	1087.9	1095.4	1084.8	1071.2	1066.7	1066.7
50°	642.4	821.2	998.5	992.5	1013.7	1031.8	1024.2	1013.7	1003.0	986.4	986.4
52.5°	583.3	747.0	897.0	919.7	953.1	963.6	951.5	940.9	922.7	915.2	909.1
55°	540.9	669.7	804.5	850.0	884.8	898.4	875.8	865.1	837.9	833.4	830.3
57.5°	531.8	557.6	719.7	777.3	819.7	818.2	804.5	784.8	762.1	757.6	756.1
60°	487.9	403.1	628.8	697.0	740.9	736.4	724.2	706.0	684.8	681.8	678.8
62.5°	442.5	292.4	525.7	603.0	665.1	663.6	653.0	625.7	610.6	603.0	597.0
65°	375.8	245.5	374.2	501.6	590.9	593.9	571.2	551.5	534.9	525.7	524.2
67.5°	286.3	200.0	253.0	418.2	519.7	516.7	487.9	478.8	457.6	453.0	444.0
70°	212.1	133.3	175.7	339.4	450.0	442.5	419.7	409.1	389.4	378.8	372.7
72.5°	175.7	107.6	128.7	263.7	378.8	369.7	350.0	337.9	321.2	312.1	306.0
75°	142.4	113.6	98.5	195.4	307.5	301.5	283.4	271.2	257.6	245.5	246.9
77.5°	104.6	106.1	78.8	144.0	244.0	234.8	224.3	209.1	203.1	190.9	190.9
80°	78.8	83.4	59.1	98.5	175.7	175.7	166.7	156.1	145.5	139.4	139.4
82.5°	53.0	53.0	44.0	62.1	119.7	115.1	109.0	106.1	100.0	97.0	97.0
85°	24.3	30.3	27.3	37.9	65.2	68.2	68.2	65.2	63.7	60.6	62.1
87.5°	7.6	13.6	16.7	21.2	33.3	34.8	36.3	36.3	36.3	37.9	37.9
90°	5.6	10.0	14.5	15.7	24.6	36.5	42.4	37.7	28.3	21.2	21.2
92.5°	22.3	60.3	98.3	107.8	151.5	209.8	239.0	209.4	150.4	106.1	101.9
95°	53.6	123.1	192.6	210.0	372.8	590.0	698.6	623.4	473.0	360.2	347.4
97.5°	92.7	154.0	215.3	230.6	502.2	864.3	1045.4	997.8	902.7	831.5	807.1
100°	122.8	178.4	234.0	247.9	549.3	951.1	1152.0	1155.5	1162.5	1167.7	1138.7
102.5°	148.5	200.5	252.3	265.3	570.9	978.4	1182.2	1242.7	1363.8	1454.7	1429.9
105°	192.1	236.1	280.0	291.0	586.9	981.4	1178.8	1314.5	1586.0	1789.7	1776.4
107.5°	236.8	277.7	318.7	328.9	589.9	937.8	1111.8	1301.2	1679.9	1964.0	1967.2
110°	266.9	303.9	340.9	350.2	585.4	899.1	1055.9	1267.7	1691.1	2008.6	2022.5



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	296.5	331.8	367.1	375.9	585.6	865.3	1005.2	1221.8	1655.2	1980.2	2001.5
115°	341.2	373.7	406.2	414.4	591.0	826.6	944.3	1153.0	1570.5	1883.6	1913.2
117.5°	385.3	414.9	444.4	451.8	602.0	802.3	902.4	1090.8	1467.5	1750.1	1782.9
120°	410.9	438.8	466.5	473.5	610.9	794.1	885.6	1057.7	1402.0	1660.2	1692.1
122.5°	436.1	464.1	492.2	499.2	623.8	789.8	872.8	1027.8	1337.8	1570.3	1601.7
125°	474.7	500.2	525.8	532.2	641.0	786.3	858.9	990.5	1253.8	1451.3	1480.3
127.5°	505.9	531.7	557.5	564.0	658.3	784.2	847.1	960.2	1186.3	1355.9	1380.3
130°	522.7	550.4	578.2	585.2	671.0	785.5	842.7	943.3	1144.6	1295.5	1318.1
132.5°	540.0	567.8	595.6	602.5	681.2	786.3	838.7	928.8	1109.0	1244.1	1264.4
135°	565.7	591.0	616.2	622.6	692.4	785.5	832.0	907.5	1058.3	1171.5	1189.0
137.5°	591.9	617.0	642.0	648.3	709.2	790.4	830.9	894.7	1022.3	1118.0	1132.2
140°	613.7	636.8	659.9	665.7	719.5	791.2	827.0	882.1	992.3	1074.9	1088.3
142.5°	630.5	651.8	673.1	678.5	728.0	794.0	827.0	875.4	972.2	1044.8	1056.3
145°	656.2	674.8	693.3	698.0	739.2	794.1	821.4	861.0	940.2	999.5	1008.2
147.5°	681.8	700.0	718.0	722.6	755.6	799.5	821.4	852.6	914.8	961.6	968.7
150°	698.6	715.0	731.3	735.4	764.1	802.3	821.4	847.8	900.3	939.8	945.6
152.5°	715.9	728.3	740.7	743.8	769.7	804.2	821.4	843.9	888.9	922.5	926.9
155°	741.6	750.8	759.9	762.3	782.0	808.3	821.4	839.4	875.1	901.8	904.8
157.5°	760.6	769.5	778.4	780.6	794.2	812.4	821.4	835.3	863.1	883.9	886.0
160°	773.4	780.4	787.3	789.0	799.9	814.3	821.4	833.4	857.2	875.0	876.2
162.5°	786.3	791.5	796.6	798.0	805.8	816.3	821.4	831.5	851.6	866.7	867.7
165°	800.2	804.9	809.6	810.8	814.4	819.1	821.4	828.6	843.0	853.8	854.9
167.5°	813.0	815.3	817.5	818.0	821.0	825.0	827.0	831.7	841.1	848.2	848.8
170°	821.4	823.7	825.9	826.5	826.6	826.9	827.0	831.7	841.1	848.2	848.2
172.5°	825.9	826.4	826.9	827.0	827.0	827.0	827.0	830.8	838.2	843.7	843.3
175°	832.0	832.0	832.0	832.0	830.3	828.1	827.0	829.3	834.1	837.7	837.7
177.5°	832.0	832.0	832.0	832.0	830.8	829.1	828.2	830.0	833.7	836.5	836.0
180°	832.0	832.0	832.0	832.0	832.0	832.0	832.0	832.0	832.0	832.0	832.0



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5
2.5°	1642.4	1637.9	1642.4	1639.4	1640.9	1636.4	1622.8	1618.2	1622.8	1627.3	1627.3
5°	1662.1	1659.1	1662.1	1662.1	1660.6	1657.6	1642.4	1639.4	1642.4	1644.0	1640.9
7.5°	1668.1	1663.7	1668.1	1665.2	1665.2	1662.1	1647.0	1644.0	1645.5	1650.0	1645.5
10°	1668.1	1663.7	1668.1	1666.7	1665.2	1662.1	1647.0	1640.9	1640.9	1645.5	1640.9
12.5°	1660.6	1657.6	1660.6	1657.6	1657.6	1654.5	1639.4	1633.3	1634.8	1636.4	1630.3
15°	1648.4	1644.0	1648.4	1645.5	1647.0	1642.4	1625.8	1619.7	1619.7	1622.8	1612.1
17.5°	1630.3	1624.3	1630.3	1628.8	1627.3	1624.3	1609.1	1603.1	1601.5	1603.1	1595.4
20°	1609.1	1604.6	1609.1	1607.6	1607.6	1601.5	1586.4	1578.8	1578.8	1578.8	1571.2
22.5°	1575.7	1571.2	1575.7	1578.8	1578.8	1577.3	1563.7	1553.0	1550.0	1550.0	1540.9
25°	1537.9	1533.3	1537.9	1537.9	1536.4	1537.9	1533.3	1527.3	1522.7	1518.2	1509.1
27.5°	1501.5	1498.5	1501.5	1498.5	1501.5	1497.0	1495.4	1493.9	1487.9	1483.4	1471.2
30°	1465.2	1462.1	1465.2	1462.1	1459.1	1456.0	1448.5	1445.5	1451.5	1448.5	1428.8
32.5°	1419.7	1416.7	1419.7	1419.7	1416.7	1416.7	1404.6	1400.0	1401.5	1410.7	1392.4
35°	1372.7	1368.2	1372.7	1371.3	1372.7	1368.2	1360.6	1359.1	1353.0	1363.6	1350.0
37.5°	1318.2	1313.6	1318.2	1318.2	1318.2	1321.2	1315.1	1310.6	1301.5	1315.1	1304.6
40°	1262.1	1256.0	1262.1	1260.6	1262.1	1265.2	1262.1	1259.1	1250.0	1260.6	1251.6
42.5°	1198.5	1196.9	1198.5	1200.0	1200.0	1206.1	1210.6	1204.6	1201.5	1193.9	1200.0
45°	1130.3	1127.3	1130.3	1133.4	1134.8	1137.9	1151.6	1151.6	1147.0	1134.8	1143.9
47.5°	1057.5	1050.0	1057.5	1066.7	1066.7	1071.2	1084.8	1095.4	1087.9	1072.8	1077.2
50°	980.3	981.8	980.3	986.4	986.4	1003.0	1013.7	1024.2	1031.8	1013.7	992.5
52.5°	904.5	903.0	904.5	909.1	915.2	922.7	940.9	951.5	963.6	953.1	919.7
55°	828.8	831.8	828.8	830.3	833.4	837.9	865.1	875.8	898.4	884.8	850.0
57.5°	753.0	748.5	753.0	756.1	757.6	762.1	784.8	804.5	818.2	819.7	777.3
60°	665.1	659.1	665.1	678.8	681.8	684.8	706.0	724.2	736.4	740.9	697.0
62.5°	587.9	577.3	587.9	597.0	603.0	610.6	625.7	653.0	663.6	665.1	603.0
65°	506.0	501.6	506.0	524.2	525.7	534.9	551.5	571.2	593.9	590.9	501.6
67.5°	431.8	431.8	431.8	444.0	453.0	457.6	478.8	487.9	516.7	519.7	418.2
70°	363.7	362.2	363.7	372.7	378.8	389.4	409.1	419.7	442.5	450.0	339.4
72.5°	298.5	297.0	298.5	306.0	312.1	321.2	337.9	350.0	369.7	378.8	263.7
75°	240.9	237.9	240.9	246.9	245.5	257.6	271.2	283.4	301.5	307.5	195.4
77.5°	184.9	184.9	184.9	190.9	190.9	203.1	209.1	224.3	234.8	244.0	144.0
80°	137.9	136.4	137.9	139.4	139.4	145.5	156.1	166.7	175.7	175.7	98.5
82.5°	97.0	93.9	97.0	97.0	97.0	100.0	106.1	109.0	115.1	119.7	62.1
85°	60.6	60.6	60.6	62.1	60.6	63.7	65.2	68.2	68.2	65.2	37.9
87.5°	39.4	37.9	39.4	37.9	37.9	36.3	36.3	36.3	34.8	33.3	21.2
90°	21.2	21.2	21.2	21.2	21.2	28.3	37.7	42.4	36.5	24.6	15.7
92.5°	85.0	68.1	85.0	101.9	106.1	150.4	209.4	239.0	209.8	151.5	107.8
95°	296.3	245.1	296.3	347.4	360.2	473.0	623.4	698.6	590.0	372.8	210.0
97.5°	709.9	612.6	709.9	807.1	831.5	902.7	997.8	1045.4	864.3	502.2	230.6
100°	1022.8	906.9	1022.8	1138.7	1167.7	1162.5	1155.5	1152.0	951.1	549.3	247.9
102.5°	1330.6	1231.3	1330.6	1429.9	1454.7	1363.8	1242.7	1182.2	978.4	570.9	265.3
105°	1723.0	1669.7	1723.0	1776.4	1789.7	1586.0	1314.5	1178.8	981.4	586.9	291.0
107.5°	1980.1	1993.0	1980.1	1967.2	1964.0	1679.9	1301.2	1111.8	937.8	589.9	328.9
110°	2078.1	2133.7	2078.1	2022.5	2008.6	1691.1	1267.7	1055.9	899.1	585.4	350.2



TEST NUMBER: P936158

CATALOG NUMBER: SQ4-FA-150U-125D-93050-1D-UNV-STD-W-4-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2086.9	2172.2	2086.9	2001.5	1980.2	1655.2	1221.8	1005.2	865.3	585.6	375.9
115°	2031.6	2149.9	2031.6	1913.2	1883.6	1570.5	1153.0	944.3	826.6	591.0	414.4
117.5°	1914.2	2045.4	1914.2	1782.9	1750.1	1467.5	1090.8	902.4	802.3	602.0	451.8
120°	1819.6	1947.2	1819.6	1692.1	1660.2	1402.0	1057.7	885.6	794.1	610.9	473.5
122.5°	1727.6	1853.4	1727.6	1601.7	1570.3	1337.8	1027.8	872.8	789.8	623.8	499.2
125°	1596.2	1712.1	1596.2	1480.3	1451.3	1253.8	990.5	858.9	786.3	641.0	532.2
127.5°	1478.1	1575.8	1478.1	1380.3	1355.9	1186.3	960.2	847.1	784.2	658.3	564.0
130°	1408.4	1498.8	1408.4	1318.1	1295.5	1144.6	943.3	842.7	785.5	671.0	585.2
132.5°	1345.2	1426.1	1345.2	1264.4	1244.1	1109.0	928.8	838.7	786.3	681.2	602.5
135°	1258.7	1328.5	1258.7	1189.0	1171.5	1058.3	907.5	832.0	785.5	692.4	622.6
137.5°	1189.3	1246.4	1189.3	1132.2	1118.0	1022.3	894.7	830.9	790.4	709.2	648.3
140°	1141.6	1195.0	1141.6	1088.3	1074.9	992.3	882.1	827.0	791.2	719.5	665.7
142.5°	1102.2	1148.1	1102.2	1056.3	1044.8	972.2	875.4	827.0	794.0	728.0	678.5
145°	1043.0	1077.8	1043.0	1008.2	999.5	940.2	861.0	821.4	794.1	739.2	698.0
147.5°	997.6	1026.4	997.6	968.7	961.6	914.8	852.6	821.4	799.5	755.6	722.6
150°	969.0	992.3	969.0	945.6	939.8	900.3	847.8	821.4	802.3	764.1	735.4
152.5°	944.6	962.1	944.6	926.9	922.5	888.9	843.9	821.4	804.2	769.7	743.8
155°	916.4	928.1	916.4	904.8	901.8	875.1	839.4	821.4	808.3	782.0	762.3
157.5°	894.1	902.4	894.1	886.0	883.9	863.1	835.3	821.4	812.4	794.2	780.6
160°	880.9	885.6	880.9	876.2	875.0	857.2	833.4	821.4	814.3	799.9	789.0
162.5°	872.2	876.7	872.2	867.7	866.7	851.6	831.5	821.4	816.3	805.8	798.0
165°	859.7	864.4	859.7	854.9	853.8	843.0	828.6	821.4	819.1	814.4	810.8
167.5°	850.7	852.7	850.7	848.8	848.2	841.1	831.7	827.0	825.0	821.0	818.0
170°	848.2	848.2	848.2	848.2	848.2	841.1	831.7	827.0	826.9	826.6	826.5
172.5°	841.6	839.9	841.6	843.3	843.7	838.2	830.8	827.0	827.0	827.0	827.0
175°	837.7	837.7	837.7	837.7	837.7	834.1	829.3	827.0	828.1	830.3	832.0
177.5°	834.0	832.0	834.0	836.0	836.5	833.7	830.0	828.2	829.1	830.8	832.0
180°	832.0	832.0	832.0	832.0	832.0	832.0	832.0	832.0	832.0	832.0	832.0



TEST NUMBER: P936158

CATALOG NUMBER: SQ4-FA-150U-125D-93050-1D-UNV-STD-W-4-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5
2.5°	1624.3	1615.1	1615.1	1600.0	1593.9	1589.4	1581.8	1559.1	1553.0	1547.0	1556.1
5°	1637.9	1621.2	1609.1	1581.8	1559.1	1550.0	1521.2	1466.7	1430.4	1403.0	1387.9
7.5°	1640.9	1619.7	1597.0	1554.5	1500.0	1475.7	1387.9	1287.9	1260.6	1236.3	1221.2
10°	1637.9	1613.6	1581.8	1518.2	1389.4	1347.0	1259.1	1193.9	1177.2	1172.8	1177.2
12.5°	1627.3	1604.6	1560.6	1454.5	1274.2	1245.5	1193.9	1156.0	1153.1	1160.6	1201.5
15°	1609.1	1587.9	1536.4	1369.7	1210.6	1189.4	1153.1	1139.4	1156.0	1209.1	1331.9
17.5°	1590.9	1566.7	1503.0	1286.4	1162.1	1147.0	1121.2	1148.5	1242.4	1313.6	1354.5
20°	1566.7	1537.9	1465.2	1225.8	1127.3	1113.7	1101.5	1224.2	1295.4	1321.2	1344.0
22.5°	1537.9	1507.6	1413.6	1183.3	1090.9	1080.3	1087.9	1266.7	1295.4	1313.6	1333.3
25°	1500.0	1474.2	1353.0	1150.0	1062.1	1050.0	1078.8	1262.1	1278.8	1283.3	1322.7
27.5°	1465.2	1431.8	1289.4	1119.7	1027.3	1022.7	1086.4	1242.4	1254.5	1259.1	1301.5
30°	1422.7	1372.7	1218.2	1087.9	990.9	989.4	1087.9	1218.2	1215.1	1227.3	1269.7
32.5°	1378.8	1284.9	1137.9	1048.5	956.1	954.6	1077.2	1181.8	1178.8	1195.4	1227.3
35°	1337.9	1216.6	1028.8	1003.0	912.1	913.7	1051.5	1139.4	1140.9	1156.0	1175.7
37.5°	1295.4	1157.5	909.1	953.1	869.7	869.7	1016.6	1100.0	1096.9	1101.5	1128.8
40°	1245.5	1065.2	803.0	887.9	830.3	825.7	974.3	1057.5	1047.0	1045.5	1083.3
42.5°	1192.5	963.6	724.2	801.5	784.8	778.8	922.7	1006.1	986.4	990.9	1039.4
45°	1134.8	936.4	663.6	677.3	737.9	733.4	866.7	947.0	933.4	945.4	995.5
47.5°	1077.2	881.8	643.9	562.2	687.9	686.3	804.5	889.4	881.8	894.0	947.0
50°	998.5	821.2	642.4	481.9	631.8	637.9	730.3	833.4	833.4	843.9	900.0
52.5°	897.0	747.0	583.3	436.4	566.6	584.8	665.1	784.8	787.9	798.5	848.5
55°	804.5	669.7	540.9	401.5	489.4	528.8	601.6	734.9	740.9	751.5	797.0
57.5°	719.7	557.6	531.8	360.6	418.2	456.1	545.4	686.3	689.4	698.5	742.4
60°	628.8	403.1	487.9	316.7	356.1	384.8	493.9	628.8	639.4	645.4	683.3
62.5°	525.7	292.4	442.5	286.3	325.7	331.8	451.5	574.3	587.9	592.4	615.2
65°	374.2	245.5	375.8	260.6	293.9	295.5	406.0	518.2	530.3	537.9	554.6
67.5°	253.0	200.0	286.3	236.4	269.7	271.2	362.2	453.0	469.7	475.8	486.3
70°	175.7	133.3	212.1	210.6	242.5	245.5	315.1	393.9	409.1	413.6	419.7
72.5°	128.7	107.6	175.7	189.4	213.6	216.7	266.6	327.2	342.5	346.9	350.0
75°	98.5	113.6	142.4	165.2	181.8	183.4	218.2	266.6	277.3	280.3	281.8
77.5°	78.8	106.1	104.6	133.3	148.4	145.5	171.2	206.1	215.1	215.1	215.1
80°	59.1	83.4	78.8	95.4	109.0	106.1	122.7	147.0	150.0	153.0	151.5
82.5°	44.0	53.0	53.0	60.6	72.7	69.7	81.8	95.4	95.4	95.4	98.5
85°	27.3	30.3	24.3	31.8	40.9	39.4	45.5	51.5	53.0	53.0	50.0
87.5°	16.7	13.6	7.6	12.1	18.2	18.2	21.2	22.7	21.2	21.2	21.2
90°	14.5	10.0	5.6	10.0	14.5	15.7	24.6	36.5	42.4	37.7	28.3
92.5°	98.3	60.3	22.3	60.3	98.3	107.8	151.5	209.8	239.0	209.4	150.4
95°	192.6	123.1	53.6	123.1	192.6	210.0	372.8	590.0	698.6	623.4	473.0
97.5°	215.3	154.0	92.7	154.0	215.3	230.6	502.2	864.3	1045.4	997.8	902.7
100°	234.0	178.4	122.8	178.4	234.0	247.9	549.3	951.1	1152.0	1155.5	1162.5
102.5°	252.3	200.5	148.5	200.5	252.3	265.3	570.9	978.4	1182.2	1242.7	1363.8
105°	280.0	236.1	192.1	236.1	280.0	291.0	586.9	981.4	1178.8	1314.5	1586.0
107.5°	318.7	277.7	236.8	277.7	318.7	328.9	589.9	937.8	1111.8	1301.2	1679.9
110°	340.9	303.9	266.9	303.9	340.9	350.2	585.4	899.1	1055.9	1267.7	1691.1



TEST NUMBER: P936158

CATALOG NUMBER: SQ4-FA-150U-125D-93050-1D-UNV-STD-W-4-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	367.1	331.8	296.5	331.8	367.1	375.9	585.6	865.3	1005.2	1221.8	1655.2
115°	406.2	373.7	341.2	373.7	406.2	414.4	591.0	826.6	944.3	1153.0	1570.5
117.5°	444.4	414.9	385.3	414.9	444.4	451.8	602.0	802.3	902.4	1090.8	1467.5
120°	466.5	438.8	410.9	438.8	466.5	473.5	610.9	794.1	885.6	1057.7	1402.0
122.5°	492.2	464.1	436.1	464.1	492.2	499.2	623.8	789.8	872.8	1027.8	1337.8
125°	525.8	500.2	474.7	500.2	525.8	532.2	641.0	786.3	858.9	990.5	1253.8
127.5°	557.5	531.7	505.9	531.7	557.5	564.0	658.3	784.2	847.1	960.2	1186.3
130°	578.2	550.4	522.7	550.4	578.2	585.2	671.0	785.5	842.7	943.3	1144.6
132.5°	595.6	567.8	540.0	567.8	595.6	602.5	681.2	786.3	838.7	928.8	1109.0
135°	616.2	591.0	565.7	591.0	616.2	622.6	692.4	785.5	832.0	907.5	1058.3
137.5°	642.0	617.0	591.9	617.0	642.0	648.3	709.2	790.4	830.9	894.7	1022.3
140°	659.9	636.8	613.7	636.8	659.9	665.7	719.5	791.2	827.0	882.1	992.3
142.5°	673.1	651.8	630.5	651.8	673.1	678.5	728.0	794.0	827.0	875.4	972.2
145°	693.3	674.8	656.2	674.8	693.3	698.0	739.2	794.1	821.4	861.0	940.2
147.5°	718.0	700.0	681.8	700.0	718.0	722.6	755.6	799.5	821.4	852.6	914.8
150°	731.3	715.0	698.6	715.0	731.3	735.4	764.1	802.3	821.4	847.8	900.3
152.5°	740.7	728.3	715.9	728.3	740.7	743.8	769.7	804.2	821.4	843.9	888.9
155°	759.9	750.8	741.6	750.8	759.9	762.3	782.0	808.3	821.4	839.4	875.1
157.5°	778.4	769.5	760.6	769.5	778.4	780.6	794.2	812.4	821.4	835.3	863.1
160°	787.3	780.4	773.4	780.4	787.3	789.0	799.9	814.3	821.4	833.4	857.2
162.5°	796.6	791.5	786.3	791.5	796.6	798.0	805.8	816.3	821.4	831.5	851.6
165°	809.6	804.9	800.2	804.9	809.6	810.8	814.4	819.1	821.4	828.6	843.0
167.5°	817.5	815.3	813.0	815.3	817.5	818.0	821.0	825.0	827.0	831.7	841.1
170°	825.9	823.7	821.4	823.7	825.9	826.5	826.6	826.9	827.0	831.7	841.1
172.5°	826.9	826.4	825.9	826.4	826.9	827.0	827.0	827.0	827.0	830.8	838.2
175°	832.0	832.0	832.0	832.0	832.0	832.0	830.3	828.1	827.0	829.3	834.1
177.5°	832.0	832.0	832.0	832.0	832.0	832.0	830.8	829.1	828.2	830.0	833.7
180°	832.0	832.0	832.0	832.0	832.0	832.0	832.0	832.0	832.0	832.0	832.0



TEST NUMBER: P936158

CATALOG NUMBER: SQ4-FA-150U-125D-93050-1D-UNV-STD-W-4-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5	1601.5
2.5°	1545.5	1540.9	1547.0	1530.3	1547.0	1540.9	1545.5	1556.1	1547.0	1553.0	1559.1
5°	1356.0	1348.5	1324.3	1304.6	1324.3	1348.5	1356.0	1387.9	1403.0	1430.4	1466.7
7.5°	1212.2	1206.1	1200.0	1187.9	1200.0	1206.1	1212.2	1221.2	1236.3	1260.6	1287.9
10°	1180.3	1181.8	1190.9	1189.4	1190.9	1181.8	1180.3	1177.2	1172.8	1177.2	1193.9
12.5°	1262.1	1275.7	1325.8	1322.7	1325.8	1275.7	1262.1	1201.5	1160.6	1153.1	1156.0
15°	1356.0	1360.6	1371.3	1372.7	1371.3	1360.6	1356.0	1331.9	1209.1	1156.0	1139.4
17.5°	1365.2	1366.7	1374.2	1374.2	1374.2	1366.7	1365.2	1354.5	1313.6	1242.4	1148.5
20°	1357.6	1360.6	1375.7	1378.8	1375.7	1360.6	1357.6	1344.0	1321.2	1295.4	1224.2
22.5°	1354.5	1360.6	1372.7	1371.3	1372.7	1360.6	1354.5	1333.3	1313.6	1295.4	1266.7
25°	1339.4	1339.4	1340.9	1342.4	1340.9	1339.4	1339.4	1322.7	1283.3	1278.8	1262.1
27.5°	1307.6	1310.6	1319.7	1318.2	1319.7	1310.6	1307.6	1301.5	1259.1	1254.5	1242.4
30°	1278.8	1275.7	1268.2	1262.1	1268.2	1275.7	1278.8	1269.7	1227.3	1215.1	1218.2
32.5°	1230.3	1222.7	1215.1	1210.6	1215.1	1222.7	1230.3	1227.3	1195.4	1178.8	1181.8
35°	1172.8	1174.2	1172.8	1168.2	1172.8	1174.2	1172.8	1175.7	1156.0	1140.9	1139.4
37.5°	1131.9	1134.8	1133.4	1127.3	1133.4	1134.8	1131.9	1128.8	1101.5	1096.9	1100.0
40°	1089.4	1090.9	1089.4	1084.8	1089.4	1090.9	1089.4	1083.3	1045.5	1047.0	1057.5
42.5°	1048.5	1047.0	1042.4	1039.4	1042.4	1047.0	1048.5	1039.4	990.9	986.4	1006.1
45°	1001.5	1003.0	994.0	989.4	994.0	1003.0	1001.5	995.5	945.4	933.4	947.0
47.5°	954.6	954.6	947.0	942.4	947.0	954.6	954.6	947.0	894.0	881.8	889.4
50°	904.5	903.0	892.4	890.9	892.4	903.0	904.5	900.0	843.9	833.4	833.4
52.5°	847.0	847.0	848.5	851.5	848.5	847.0	847.0	848.5	798.5	787.9	784.8
55°	797.0	798.5	809.1	812.1	809.1	798.5	797.0	797.0	751.5	740.9	734.9
57.5°	745.4	745.4	753.0	753.0	753.0	745.4	745.4	742.4	698.5	689.4	686.3
60°	686.3	689.4	695.5	694.0	695.5	689.4	686.3	683.3	645.4	639.4	628.8
62.5°	624.2	627.3	628.8	625.7	628.8	627.3	624.2	615.2	592.4	587.9	574.3
65°	559.1	562.2	563.6	560.6	563.6	562.2	559.1	554.6	537.9	530.3	518.2
67.5°	492.4	490.9	489.4	495.5	489.4	490.9	492.4	486.3	475.8	469.7	453.0
70°	424.2	424.2	422.8	425.7	422.8	424.2	424.2	419.7	413.6	409.1	393.9
72.5°	351.5	350.0	356.1	351.5	356.1	350.0	351.5	350.0	346.9	342.5	327.2
75°	280.3	283.4	280.3	284.9	280.3	283.4	280.3	281.8	280.3	277.3	266.6
77.5°	213.6	216.7	213.6	213.6	213.6	216.7	213.6	215.1	215.1	215.1	206.1
80°	151.5	150.0	150.0	148.4	150.0	150.0	151.5	151.5	153.0	150.0	147.0
82.5°	97.0	95.4	95.4	98.5	95.4	95.4	97.0	98.5	95.4	95.4	95.4
85°	53.0	54.5	51.5	51.5	51.5	54.5	53.0	50.0	53.0	53.0	51.5
87.5°	19.7	18.2	18.2	18.2	18.2	18.2	19.7	21.2	21.2	21.2	22.7
90°	21.2	21.2	21.2	21.2	21.2	21.2	21.2	28.3	37.7	42.4	36.5
92.5°	106.1	101.9	85.0	68.1	85.0	101.9	106.1	150.4	209.4	239.0	209.8
95°	360.2	347.4	296.3	245.1	296.3	347.4	360.2	473.0	623.4	698.6	590.0
97.5°	831.5	807.1	709.9	612.6	709.9	807.1	831.5	902.7	997.8	1045.4	864.3
100°	1167.7	1138.7	1022.8	906.9	1022.8	1138.7	1167.7	1162.5	1155.5	1152.0	951.1
102.5°	1454.7	1429.9	1330.6	1231.3	1330.6	1429.9	1454.7	1363.8	1242.7	1182.2	978.4
105°	1789.7	1776.4	1723.0	1669.7	1723.0	1776.4	1789.7	1586.0	1314.5	1178.8	981.4
107.5°	1964.0	1967.2	1980.1	1993.0	1980.1	1967.2	1964.0	1679.9	1301.2	1111.8	937.8
110°	2008.6	2022.5	2078.1	2133.7	2078.1	2022.5	2008.6	1691.1	1267.7	1055.9	899.1



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1980.2	2001.5	2086.9	2172.2	2086.9	2001.5	1980.2	1655.2	1221.8	1005.2	865.3
115°	1883.6	1913.2	2031.6	2149.9	2031.6	1913.2	1883.6	1570.5	1153.0	944.3	826.6
117.5°	1750.1	1782.9	1914.2	2045.4	1914.2	1782.9	1750.1	1467.5	1090.8	902.4	802.3
120°	1660.2	1692.1	1819.6	1947.2	1819.6	1692.1	1660.2	1402.0	1057.7	885.6	794.1
122.5°	1570.3	1601.7	1727.6	1853.4	1727.6	1601.7	1570.3	1337.8	1027.8	872.8	789.8
125°	1451.3	1480.3	1596.2	1712.1	1596.2	1480.3	1451.3	1253.8	990.5	858.9	786.3
127.5°	1355.9	1380.3	1478.1	1575.8	1478.1	1380.3	1355.9	1186.3	960.2	847.1	784.2
130°	1295.5	1318.1	1408.4	1498.8	1408.4	1318.1	1295.5	1144.6	943.3	842.7	785.5
132.5°	1244.1	1264.4	1345.2	1426.1	1345.2	1264.4	1244.1	1109.0	928.8	838.7	786.3
135°	1171.5	1189.0	1258.7	1328.5	1258.7	1189.0	1171.5	1058.3	907.5	832.0	785.5
137.5°	1118.0	1132.2	1189.3	1246.4	1189.3	1132.2	1118.0	1022.3	894.7	830.9	790.4
140°	1074.9	1088.3	1141.6	1195.0	1141.6	1088.3	1074.9	992.3	882.1	827.0	791.2
142.5°	1044.8	1056.3	1102.2	1148.1	1102.2	1056.3	1044.8	972.2	875.4	827.0	794.0
145°	999.5	1008.2	1043.0	1077.8	1043.0	1008.2	999.5	940.2	861.0	821.4	794.1
147.5°	961.6	968.7	997.6	1026.4	997.6	968.7	961.6	914.8	852.6	821.4	799.5
150°	939.8	945.6	969.0	992.3	969.0	945.6	939.8	900.3	847.8	821.4	802.3
152.5°	922.5	926.9	944.6	962.1	944.6	926.9	922.5	888.9	843.9	821.4	804.2
155°	901.8	904.8	916.4	928.1	916.4	904.8	901.8	875.1	839.4	821.4	808.3
157.5°	883.9	886.0	894.1	902.4	894.1	886.0	883.9	863.1	835.3	821.4	812.4
160°	875.0	876.2	880.9	885.6	880.9	876.2	875.0	857.2	833.4	821.4	814.3
162.5°	866.7	867.7	872.2	876.7	872.2	867.7	866.7	851.6	831.5	821.4	816.3
165°	853.8	854.9	859.7	864.4	859.7	854.9	853.8	843.0	828.6	821.4	819.1
167.5°	848.2	848.8	850.7	852.7	850.7	848.8	848.2	841.1	831.7	827.0	825.0
170°	848.2	848.2	848.2	848.2	848.2	848.2	848.2	841.1	831.7	827.0	826.9
172.5°	843.7	843.3	841.6	839.9	841.6	843.3	843.7	838.2	830.8	827.0	827.0
175°	837.7	837.7	837.7	837.7	837.7	837.7	837.7	834.1	829.3	827.0	828.1
177.5°	836.5	836.0	834.0	832.0	834.0	836.0	836.5	833.7	830.0	828.2	829.1
180°	832.0	832.0	832.0	832.0	832.0	832.0	832.0	832.0	832.0	832.0	832.0



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1601.5	1601.5	1601.5	1601.5	1601.5
2.5°	1581.8	1589.4	1593.9	1600.0	1615.1
5°	1521.2	1550.0	1559.1	1581.8	1609.1
7.5°	1387.9	1475.7	1500.0	1554.5	1597.0
10°	1259.1	1347.0	1389.4	1518.2	1581.8
12.5°	1193.9	1245.5	1274.2	1454.5	1560.6
15°	1153.1	1189.4	1210.6	1369.7	1536.4
17.5°	1121.2	1147.0	1162.1	1286.4	1503.0
20°	1101.5	1113.7	1127.3	1225.8	1465.2
22.5°	1087.9	1080.3	1090.9	1183.3	1413.6
25°	1078.8	1050.0	1062.1	1150.0	1353.0
27.5°	1086.4	1022.7	1027.3	1119.7	1289.4
30°	1087.9	989.4	990.9	1087.9	1218.2
32.5°	1077.2	954.6	956.1	1048.5	1137.9
35°	1051.5	913.7	912.1	1003.0	1028.8
37.5°	1016.6	869.7	869.7	953.1	909.1
40°	974.3	825.7	830.3	887.9	803.0
42.5°	922.7	778.8	784.8	801.5	724.2
45°	866.7	733.4	737.9	677.3	663.6
47.5°	804.5	686.3	687.9	562.2	643.9
50°	730.3	637.9	631.8	481.9	642.4
52.5°	665.1	584.8	566.6	436.4	583.3
55°	601.6	528.8	489.4	401.5	540.9
57.5°	545.4	456.1	418.2	360.6	531.8
60°	493.9	384.8	356.1	316.7	487.9
62.5°	451.5	331.8	325.7	286.3	442.5
65°	406.0	295.5	293.9	260.6	375.8
67.5°	362.2	271.2	269.7	236.4	286.3
70°	315.1	245.5	242.5	210.6	212.1
72.5°	266.6	216.7	213.6	189.4	175.7
75°	218.2	183.4	181.8	165.2	142.4
77.5°	171.2	145.5	148.4	133.3	104.6
80°	122.7	106.1	109.0	95.4	78.8
82.5°	81.8	69.7	72.7	60.6	53.0
85°	45.5	39.4	40.9	31.8	24.3
87.5°	21.2	18.2	18.2	12.1	7.6
90°	24.6	15.7	14.5	10.0	5.6
92.5°	151.5	107.8	98.3	60.3	22.3
95°	372.8	210.0	192.6	123.1	53.6
97.5°	502.2	230.6	215.3	154.0	92.7
100°	549.3	247.9	234.0	178.4	122.8
102.5°	570.9	265.3	252.3	200.5	148.5
105°	586.9	291.0	280.0	236.1	192.1
107.5°	589.9	328.9	318.7	277.7	236.8
110°	585.4	350.2	340.9	303.9	266.9



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CATALOG NUMBER: SQ4-FA-150U-125D-93050-1D-UNV-STD-W-4-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	585.6	375.9	367.1	331.8	296.5
115°	591.0	414.4	406.2	373.7	341.2
117.5°	602.0	451.8	444.4	414.9	385.3
120°	610.9	473.5	466.5	438.8	410.9
122.5°	623.8	499.2	492.2	464.1	436.1
125°	641.0	532.2	525.8	500.2	474.7
127.5°	658.3	564.0	557.5	531.7	505.9
130°	671.0	585.2	578.2	550.4	522.7
132.5°	681.2	602.5	595.6	567.8	540.0
135°	692.4	622.6	616.2	591.0	565.7
137.5°	709.2	648.3	642.0	617.0	591.9
140°	719.5	665.7	659.9	636.8	613.7
142.5°	728.0	678.5	673.1	651.8	630.5
145°	739.2	698.0	693.3	674.8	656.2
147.5°	755.6	722.6	718.0	700.0	681.8
150°	764.1	735.4	731.3	715.0	698.6
152.5°	769.7	743.8	740.7	728.3	715.9
155°	782.0	762.3	759.9	750.8	741.6
157.5°	794.2	780.6	778.4	769.5	760.6
160°	799.9	789.0	787.3	780.4	773.4
162.5°	805.8	798.0	796.6	791.5	786.3
165°	814.4	810.8	809.6	804.9	800.2
167.5°	821.0	818.0	817.5	815.3	813.0
170°	826.6	826.5	825.9	823.7	821.4
172.5°	827.0	827.0	826.9	826.4	825.9
175°	830.3	832.0	832.0	832.0	832.0
177.5°	830.8	832.0	832.0	832.0	832.0
180°	832.0	832.0	832.0	832.0	832.0



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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	13.54	14.35	14.55	15.37	16.73	16.34	17.14	17.35	18.16	19.52
	3H	14.01	14.73	15.03	15.76	17.14	17.67	18.39	18.69	19.42	20.80
	4H	14.20	14.88	15.23	15.92	17.31	18.10	18.79	19.14	19.82	21.21
	6H	14.32	14.95	15.36	15.98	17.38	18.38	19.01	19.42	20.04	21.44
	8H	14.32	14.92	15.37	15.97	17.37	18.45	19.05	19.50	20.10	21.49
	12H	14.29	14.86	15.34	15.90	17.32	18.48	19.05	19.53	20.09	21.52
4H	2H	14.56	15.24	15.60	16.27	17.66	16.74	17.42	17.78	18.46	19.85
	3H	15.58	16.15	16.63	17.21	18.61	18.23	18.80	19.28	19.86	21.26
	4H	15.85	16.37	16.91	17.43	18.85	18.75	19.27	19.81	20.32	21.75
	6H	15.98	16.42	17.04	17.50	18.92	19.11	19.55	20.17	20.63	22.05
	8H	15.98	16.40	17.05	17.47	18.90	19.21	19.62	20.27	20.69	22.13
	12H	15.94	16.32	17.03	17.40	18.84	19.25	19.63	20.34	20.71	22.15
8H	4H	16.30	16.72	17.36	17.78	19.22	18.87	19.29	19.94	20.36	21.79
	6H	16.56	16.90	17.64	18.01	19.44	19.30	19.64	20.39	20.75	22.19
	8H	16.60	16.90	17.69	17.99	19.45	19.44	19.75	20.54	20.84	22.29
	12H	16.58	16.85	17.68	17.93	19.43	19.53	19.80	20.63	20.89	22.38
12H	4H	16.30	16.68	17.38	17.76	19.20	18.83	19.21	19.92	20.29	21.73
	6H	16.61	16.92	17.71	18.01	19.46	19.29	19.60	20.39	20.69	22.14
	8H	16.68	16.95	17.78	18.03	19.52	19.45	19.72	20.55	20.80	22.29