

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: P936131

Luminaire Tested: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936131
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-92765-1D-UNV-STD-W-4-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

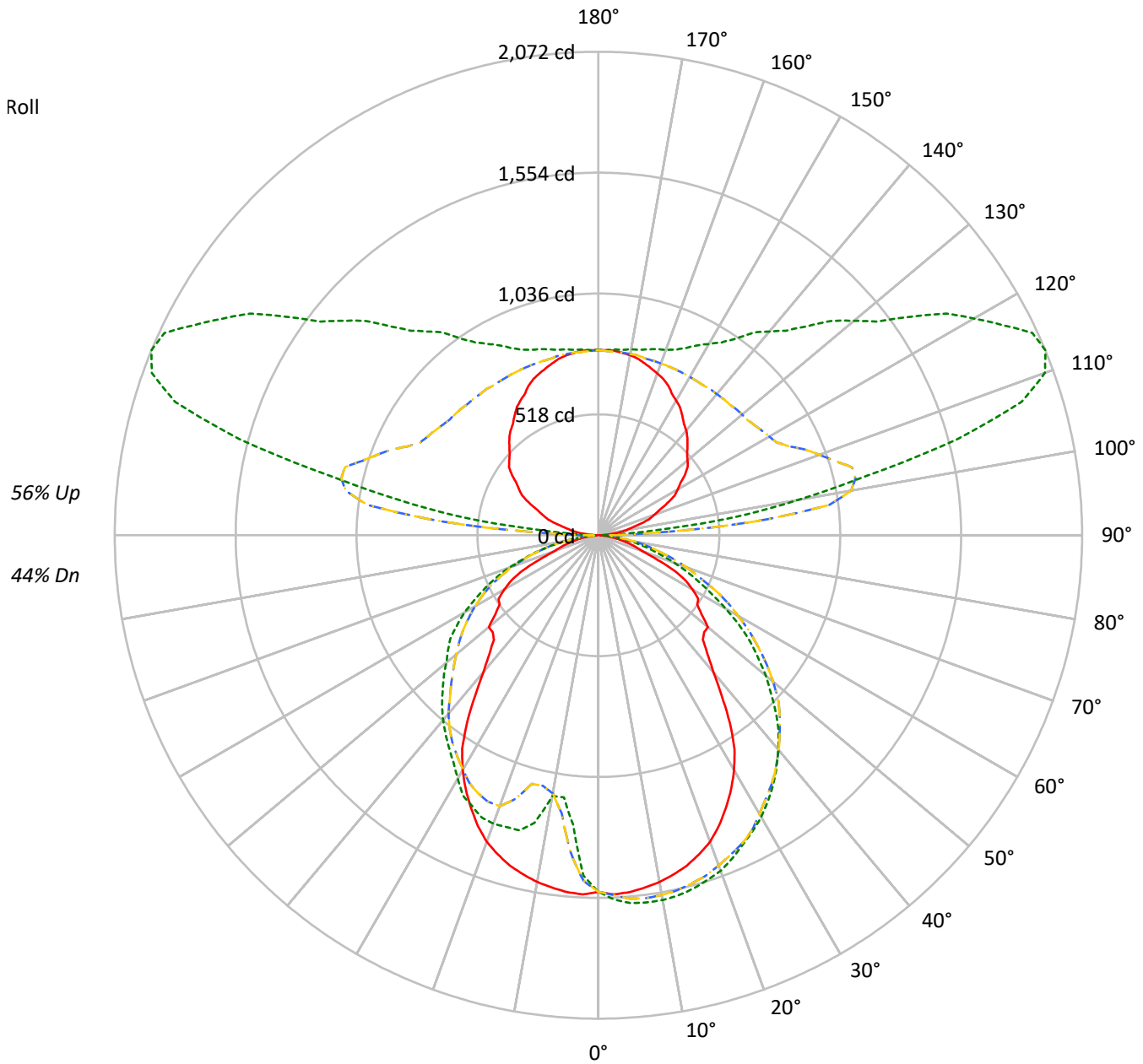
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9110.1 lumens
Efficiency: N/A
Efficacy: 109.5 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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CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-2700K

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	14178	14178	14178	14178
5°	14267	14312	14267	11253
10°	14157	14097	14157	10079
15°	13987	13792	13987	11516
20°	13678	13431	13678	11541
25°	13064	12902	13064	11296
30°	12274	12464	12274	10760
35°	10927	11910	10927	10169
40°	9089	11258	9089	9723
45°	8105	10494	8105	9211
50°	8590	9583	8590	8696
55°	8062	8602	8062	8399
60°	8279	7306	8279	7692
65°	7471	6040	7471	6752
70°	5136	4813	5136	5658
75°	4457	3557	4457	4261
80°	3519	2352	3519	2560
85°	1913	1245	1913	1058

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 12446 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	137.9	1.5
10°-20°	391.6	4.3
20°-30°	605.3	6.6
30°-40°	722.6	7.9
40°-50°	726.8	8.0
50°-60°	632.4	6.9
60°-70°	448.4	4.9
70°-80°	237.2	2.6
80°-90°	62.1	0.7
90°-100°	386.9	4.2
100°-110°	1017.2	11.2
110°-120°	1054.8	11.6
120°-130°	846.0	9.3
130°-140°	663.8	7.3
140°-150°	509.5	5.6
150°-160°	367.0	4.0
160°-170°	224.5	2.5
170°-180°	75.9	0.8
0°-30°	1134.8	12.5
0°-40°	1857.4	20.4
0°-60°	3216.7	35.3
0°-90°	3964.5	43.5
90°-120°	2458.9	27.0
90°-150°	4478.3	49.2
90°-180°	5146.0	56.5
0°-180°	9110.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1528	1528	1528	1528	1528	
5°	1535	1583	1535	1244	1535	146
15°	1466	1568	1466	1310	1466	412
25°	1291	1463	1291	1281	1291	593
35°	982	1305	982	1114	982	607
45°	633	1075	633	944	633	507
55°	516	794	516	775	516	474
65°	358	478	358	535	358	343
75°	136	227	136	272	136	143
85°	23	58	23	49	23	31
90°	5	20	5	20	5	5
95°	51	234	51	234	51	57
105°	183	1593	183	1593	183	194
115°	326	2051	326	2051	326	321
125°	453	1633	453	1633	453	402
135°	540	1267	540	1267	540	418
145°	626	1028	626	1028	626	392
155°	708	885	708	885	708	325
165°	763	825	763	825	763	215
175°	794	799	794	799	794	75
180°	794	794	794	794	794	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9
2.5°	1540.8	1540.8	1549.6	1552.5	1552.5	1548.1	1543.8	1548.1	1561.1	1565.4	1564.0
5°	1535.0	1546.7	1562.5	1565.4	1568.3	1566.9	1564.0	1566.9	1581.3	1584.2	1585.7
7.5°	1523.5	1545.2	1565.4	1569.8	1574.1	1569.8	1568.3	1571.3	1585.7	1588.6	1588.6
10°	1509.1	1539.4	1562.5	1565.4	1569.8	1565.4	1565.4	1571.3	1585.7	1588.6	1590.0
12.5°	1488.8	1530.8	1552.5	1555.3	1561.1	1559.6	1558.2	1564.0	1578.4	1581.3	1581.3
15°	1465.7	1514.9	1535.0	1537.9	1548.1	1545.2	1545.2	1551.0	1566.9	1571.3	1569.8
17.5°	1433.9	1494.6	1517.7	1522.1	1529.3	1527.9	1529.3	1535.0	1549.6	1552.5	1553.8
20°	1397.8	1467.1	1494.6	1498.9	1506.2	1506.2	1506.2	1513.4	1527.9	1533.7	1533.7
22.5°	1348.6	1438.3	1467.1	1470.0	1478.7	1478.7	1481.6	1491.7	1504.7	1506.2	1506.2
25°	1290.8	1406.4	1431.0	1439.7	1448.3	1452.7	1457.1	1462.8	1467.1	1465.7	1467.1
27.5°	1230.1	1365.9	1397.8	1403.5	1415.1	1419.5	1425.2	1426.6	1428.1	1432.5	1429.6
30°	1162.1	1309.5	1357.3	1363.1	1381.9	1384.7	1379.0	1381.9	1389.1	1392.0	1394.9
32.5°	1085.5	1225.8	1315.4	1328.3	1345.8	1337.1	1335.6	1340.0	1351.5	1351.5	1354.4
35°	981.5	1160.7	1276.3	1287.9	1300.9	1290.8	1296.6	1298.0	1305.3	1309.5	1308.2
37.5°	867.3	1104.3	1235.8	1244.5	1254.6	1241.6	1250.4	1254.6	1260.4	1257.5	1257.5
40°	766.1	1016.2	1188.2	1194.0	1202.6	1192.5	1201.2	1204.1	1207.0	1204.1	1202.6
42.5°	690.9	919.3	1137.6	1144.8	1139.0	1146.2	1149.1	1155.0	1150.6	1144.8	1144.8
45°	633.1	893.3	1082.6	1091.3	1082.6	1094.2	1098.6	1098.6	1085.5	1082.6	1081.2
47.5°	614.3	841.2	1027.7	1027.7	1023.4	1037.9	1045.0	1034.9	1022.0	1017.6	1017.6
50°	612.8	783.4	952.5	946.8	967.0	984.4	977.1	967.0	956.9	941.0	941.0
52.5°	556.5	712.6	855.8	877.4	909.2	919.3	907.8	897.6	880.3	873.1	867.3
55°	516.1	638.9	767.5	810.9	844.1	857.1	835.5	825.3	799.4	795.0	792.1
57.5°	507.4	532.0	686.6	741.6	782.0	780.6	767.5	748.7	727.0	722.8	721.3
60°	465.4	384.5	599.9	664.9	706.8	702.5	690.9	673.6	653.3	650.4	647.6
62.5°	422.1	279.0	501.5	575.3	634.5	633.1	623.0	597.0	582.5	575.3	569.5
65°	358.5	234.2	357.0	478.5	563.7	566.6	544.9	526.1	510.3	501.5	500.1
67.5°	273.2	190.8	241.4	399.0	495.8	492.9	465.4	456.8	436.5	432.2	423.6
70°	202.3	127.2	167.7	323.8	429.3	422.1	400.4	390.3	371.5	361.4	355.6
72.5°	167.7	102.7	122.8	251.5	361.4	352.7	333.9	322.3	306.5	297.7	291.9
75°	135.9	108.4	94.0	186.5	293.4	287.7	270.3	258.7	245.7	234.2	235.6
77.5°	99.8	101.2	75.2	137.3	232.7	224.0	214.0	199.4	193.7	182.1	182.1
80°	75.2	79.5	56.4	94.0	167.7	167.7	159.0	148.9	138.8	133.0	133.0
82.5°	50.6	50.6	41.9	59.3	114.2	109.8	104.0	101.2	95.4	92.5	92.5
85°	23.1	28.9	26.1	36.1	62.2	65.1	65.1	62.2	60.7	57.8	59.3
87.5°	7.3	13.0	15.9	20.2	31.8	33.2	34.7	34.7	34.7	36.1	36.1
90°	5.3	9.6	13.8	14.9	23.5	34.8	40.5	36.0	27.0	20.2	20.2
92.5°	21.3	57.5	93.8	102.8	144.5	200.1	228.0	199.8	143.5	101.2	97.2
95°	51.2	117.4	183.7	200.3	355.7	562.9	666.5	594.7	451.2	343.6	331.4
97.5°	88.4	146.9	205.4	220.0	479.1	824.6	997.3	951.9	861.2	793.2	770.0
100°	117.2	170.2	223.3	236.5	524.0	907.3	1099.0	1102.3	1109.0	1114.0	1086.3
102.5°	141.7	191.2	240.7	253.1	544.7	933.4	1127.8	1185.5	1301.1	1387.8	1364.1
105°	183.3	225.2	267.1	277.6	559.9	936.3	1124.5	1254.0	1513.1	1707.4	1694.7
107.5°	225.9	265.0	304.1	313.8	562.8	894.7	1060.7	1241.3	1602.6	1873.6	1876.7
110°	254.6	289.9	325.3	334.0	558.5	857.7	1007.4	1209.4	1613.3	1916.2	1929.5



TEST NUMBER: P936131

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	282.9	316.5	350.2	358.6	558.7	825.5	958.9	1165.6	1579.0	1889.1	1909.4
115°	325.5	356.5	387.5	395.3	563.8	788.5	900.8	1099.9	1498.2	1796.9	1825.2
117.5°	367.6	395.8	424.0	431.0	574.3	765.4	860.9	1040.6	1400.0	1669.6	1700.9
120°	392.0	418.6	445.1	451.7	582.8	757.5	844.9	1009.1	1337.5	1583.8	1614.2
122.5°	416.0	442.8	469.6	476.3	595.1	753.5	832.7	980.5	1276.2	1498.1	1528.0
125°	452.9	477.2	501.6	507.7	611.6	750.1	819.4	944.9	1196.1	1384.5	1412.2
127.5°	482.7	507.3	531.9	538.0	628.0	748.1	808.2	916.1	1131.7	1293.5	1316.8
130°	498.6	525.1	551.6	558.3	640.2	749.3	803.9	899.9	1091.9	1235.9	1257.4
132.5°	515.1	541.7	568.2	574.8	649.9	750.1	800.1	886.1	1058.0	1186.9	1206.2
135°	539.6	563.8	587.9	594.0	660.6	749.3	793.7	865.7	1009.7	1117.6	1134.3
137.5°	564.7	588.6	612.5	618.5	676.6	754.0	792.7	853.5	975.2	1066.5	1080.1
140°	585.5	607.5	629.6	635.0	686.4	754.8	789.0	841.5	946.6	1025.5	1038.2
142.5°	601.5	621.8	642.1	647.3	694.5	757.4	789.0	835.2	927.5	996.8	1007.7
145°	626.0	643.8	661.4	665.9	705.2	757.5	783.7	821.4	896.9	953.5	961.8
147.5°	650.4	667.8	685.0	689.4	720.8	762.7	783.7	813.4	872.7	917.3	924.2
150°	666.5	682.1	697.7	701.6	728.9	765.4	783.7	808.8	858.9	896.6	902.1
152.5°	683.0	694.8	706.6	709.6	734.3	767.2	783.7	805.1	848.0	880.1	884.3
155°	707.5	716.3	725.0	727.2	746.0	771.1	783.7	800.7	834.8	860.4	863.2
157.5°	725.6	734.1	742.6	744.7	757.7	775.0	783.7	796.9	823.4	843.3	845.2
160°	737.8	744.5	751.1	752.7	763.1	776.8	783.7	795.0	817.7	834.7	835.8
162.5°	750.1	755.0	760.0	761.3	768.7	778.7	783.7	793.2	812.4	826.8	827.8
165°	763.4	767.9	772.4	773.5	776.9	781.4	783.7	790.5	804.2	814.5	815.6
167.5°	775.6	777.8	779.9	780.4	783.2	787.1	789.0	793.5	802.5	809.2	809.7
170°	783.7	785.8	787.9	788.4	788.6	788.9	789.0	793.5	802.5	809.2	809.2
172.5°	787.9	788.4	788.9	789.0	789.0	789.0	789.0	792.5	799.6	804.9	804.5
175°	793.7	793.7	793.7	793.7	792.1	790.0	789.0	791.2	795.7	799.1	799.1
177.5°	793.7	793.7	793.7	793.7	792.5	790.9	790.1	791.9	795.4	798.0	797.5
180°	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7



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CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9
2.5°	1566.9	1562.5	1566.9	1564.0	1565.4	1561.1	1548.1	1543.8	1548.1	1552.5	1552.5
5°	1585.7	1582.8	1585.7	1585.7	1584.2	1581.3	1566.9	1564.0	1566.9	1568.3	1565.4
7.5°	1591.4	1587.1	1591.4	1588.6	1588.6	1585.7	1571.3	1568.3	1569.8	1574.1	1569.8
10°	1591.4	1587.1	1591.4	1590.0	1588.6	1585.7	1571.3	1565.4	1565.4	1569.8	1565.4
12.5°	1584.2	1581.3	1584.2	1581.3	1581.3	1578.4	1564.0	1558.2	1559.6	1561.1	1555.3
15°	1572.6	1568.3	1572.6	1569.8	1571.3	1566.9	1551.0	1545.2	1545.2	1548.1	1537.9
17.5°	1555.3	1549.6	1555.3	1553.8	1552.5	1549.6	1535.0	1529.3	1527.9	1529.3	1522.1
20°	1535.0	1530.8	1535.0	1533.7	1533.7	1527.9	1513.4	1506.2	1506.2	1506.2	1498.9
22.5°	1503.3	1498.9	1503.3	1506.2	1506.2	1504.7	1491.7	1481.6	1478.7	1478.7	1470.0
25°	1467.1	1462.8	1467.1	1467.1	1465.7	1467.1	1462.8	1457.1	1452.7	1448.3	1439.7
27.5°	1432.5	1429.6	1432.5	1429.6	1432.5	1428.1	1426.6	1425.2	1419.5	1415.1	1403.5
30°	1397.8	1394.9	1397.8	1394.9	1392.0	1389.1	1381.9	1379.0	1384.7	1381.9	1363.1
32.5°	1354.4	1351.5	1354.4	1354.4	1351.5	1351.5	1340.0	1335.6	1337.1	1345.8	1328.3
35°	1309.5	1305.3	1309.5	1308.2	1309.5	1305.3	1298.0	1296.6	1290.8	1300.9	1287.9
37.5°	1257.5	1253.2	1257.5	1257.5	1257.5	1260.4	1254.6	1250.4	1241.6	1254.6	1244.5
40°	1204.1	1198.3	1204.1	1202.6	1204.1	1207.0	1204.1	1201.2	1192.5	1202.6	1194.0
42.5°	1143.3	1141.9	1143.3	1144.8	1144.8	1150.6	1155.0	1149.1	1146.2	1139.0	1144.8
45°	1078.3	1075.4	1078.3	1081.2	1082.6	1085.5	1098.6	1098.6	1094.2	1082.6	1091.3
47.5°	1008.9	1001.7	1008.9	1017.6	1017.6	1022.0	1034.9	1045.0	1037.9	1023.4	1027.7
50°	935.2	936.6	935.2	941.0	941.0	956.9	967.0	977.1	984.4	967.0	946.8
52.5°	862.9	861.5	862.9	867.3	873.1	880.3	897.6	907.8	919.3	909.2	877.4
55°	790.7	793.6	790.7	792.1	795.0	799.4	825.3	835.5	857.1	844.1	810.9
57.5°	718.4	714.1	718.4	721.3	722.8	727.0	748.7	767.5	780.6	782.0	741.6
60°	634.5	628.8	634.5	647.6	650.4	653.3	673.6	690.9	702.5	706.8	664.9
62.5°	560.8	550.7	560.8	569.5	575.3	582.5	597.0	623.0	633.1	634.5	575.3
65°	482.8	478.5	482.8	500.1	501.5	510.3	526.1	544.9	566.6	563.7	478.5
67.5°	411.9	411.9	411.9	423.6	432.2	436.5	456.8	465.4	492.9	495.8	399.0
70°	346.9	345.5	346.9	355.6	361.4	371.5	390.3	400.4	422.1	429.3	323.8
72.5°	284.8	283.3	284.8	291.9	297.7	306.5	322.3	333.9	352.7	361.4	251.5
75°	229.8	226.9	229.8	235.6	234.2	245.7	258.7	270.3	287.7	293.4	186.5
77.5°	176.4	176.4	176.4	182.1	182.1	193.7	199.4	214.0	224.0	232.7	137.3
80°	131.5	130.1	131.5	133.0	133.0	138.8	148.9	159.0	167.7	167.7	94.0
82.5°	92.5	89.6	92.5	92.5	92.5	95.4	101.2	104.0	109.8	114.2	59.3
85°	57.8	57.8	57.8	59.3	57.8	60.7	62.2	65.1	65.1	62.2	36.1
87.5°	37.6	36.1	37.6	36.1	36.1	34.7	34.7	34.7	33.2	31.8	20.2
90°	20.2	20.2	20.2	20.2	20.2	27.0	36.0	40.5	34.8	23.5	14.9
92.5°	81.1	65.0	81.1	97.2	101.2	143.5	199.8	228.0	200.1	144.5	102.8
95°	282.6	233.9	282.6	331.4	343.6	451.2	594.7	666.5	562.9	355.7	200.3
97.5°	677.2	584.4	677.2	770.0	793.2	861.2	951.9	997.3	824.6	479.1	220.0
100°	975.8	865.1	975.8	1086.3	1114.0	1109.0	1102.3	1099.0	907.3	524.0	236.5
102.5°	1269.4	1174.7	1269.4	1364.1	1387.8	1301.1	1185.5	1127.8	933.4	544.7	253.1
105°	1643.8	1592.9	1643.8	1694.7	1707.4	1513.1	1254.0	1124.5	936.3	559.9	277.6
107.5°	1889.0	1901.3	1889.0	1876.7	1873.6	1602.6	1241.3	1060.7	894.7	562.8	313.8
110°	1982.5	2035.6	1982.5	1929.5	1916.2	1613.3	1209.4	1007.4	857.7	558.5	334.0



TEST NUMBER: P936131

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1990.9	2072.3	1990.9	1909.4	1889.1	1579.0	1165.6	958.9	825.5	558.7	358.6
115°	1938.1	2051.0	1938.1	1825.2	1796.9	1498.2	1099.9	900.8	788.5	563.8	395.3
117.5°	1826.1	1951.3	1826.1	1700.9	1669.6	1400.0	1040.6	860.9	765.4	574.3	431.0
120°	1735.9	1857.6	1735.9	1614.2	1583.8	1337.5	1009.1	844.9	757.5	582.8	451.7
122.5°	1648.1	1768.1	1648.1	1528.0	1498.1	1276.2	980.5	832.7	753.5	595.1	476.3
125°	1522.7	1633.3	1522.7	1412.2	1384.5	1196.1	944.9	819.4	750.1	611.6	507.7
127.5°	1410.1	1503.4	1410.1	1316.8	1293.5	1131.7	916.1	808.2	748.1	628.0	538.0
130°	1343.6	1429.8	1343.6	1257.4	1235.9	1091.9	899.9	803.9	749.3	640.2	558.3
132.5°	1283.3	1360.5	1283.3	1206.2	1186.9	1058.0	886.1	800.1	750.1	649.9	574.8
135°	1200.8	1267.4	1200.8	1134.3	1117.6	1009.7	865.7	793.7	749.3	660.6	594.0
137.5°	1134.6	1189.0	1134.6	1080.1	1066.5	975.2	853.5	792.7	754.0	676.6	618.5
140°	1089.1	1140.0	1089.1	1038.2	1025.5	946.6	841.5	789.0	754.8	686.4	635.0
142.5°	1051.5	1095.2	1051.5	1007.7	996.8	927.5	835.2	789.0	757.4	694.5	647.3
145°	995.1	1028.2	995.1	961.8	953.5	896.9	821.4	783.7	757.5	705.2	665.9
147.5°	951.7	979.2	951.7	924.2	917.3	872.7	813.4	783.7	762.7	720.8	689.4
150°	924.4	946.6	924.4	902.1	896.6	858.9	808.8	783.7	765.4	728.9	701.6
152.5°	901.1	917.8	901.1	884.3	880.1	848.0	805.1	783.7	767.2	734.3	709.6
155°	874.3	885.4	874.3	863.2	860.4	834.8	800.7	783.7	771.1	746.0	727.2
157.5°	853.0	860.9	853.0	845.2	843.3	823.4	796.9	783.7	775.0	757.7	744.7
160°	840.4	844.9	840.4	835.8	834.7	817.7	795.0	783.7	776.8	763.1	752.7
162.5°	832.1	836.4	832.1	827.8	826.8	812.4	793.2	783.7	778.7	768.7	761.3
165°	820.1	824.7	820.1	815.6	814.5	804.2	790.5	783.7	781.4	776.9	773.5
167.5°	811.6	813.5	811.6	809.7	809.2	802.5	793.5	789.0	787.1	783.2	780.4
170°	809.2	809.2	809.2	809.2	809.2	802.5	793.5	789.0	788.9	788.6	788.4
172.5°	802.9	801.3	802.9	804.5	804.9	799.6	792.5	789.0	789.0	789.0	789.0
175°	799.1	799.1	799.1	799.1	799.1	795.7	791.2	789.0	790.0	792.1	793.7
177.5°	795.6	793.7	795.6	797.5	798.0	795.4	791.9	790.1	790.9	792.5	793.7
180°	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7



TEST NUMBER: P936131

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9
2.5°	1549.6	1540.8	1540.8	1526.4	1520.6	1516.2	1509.1	1487.4	1481.6	1475.8	1484.5
5°	1562.5	1546.7	1535.0	1509.1	1487.4	1478.7	1451.2	1399.2	1364.6	1338.5	1324.1
7.5°	1565.4	1545.2	1523.5	1483.0	1431.0	1407.9	1324.1	1228.7	1202.6	1179.5	1165.0
10°	1562.5	1539.4	1509.1	1448.3	1325.5	1285.0	1201.2	1139.0	1123.1	1118.8	1123.1
12.5°	1552.5	1530.8	1488.8	1387.6	1215.6	1188.2	1139.0	1102.9	1100.0	1107.2	1146.2
15°	1535.0	1514.9	1465.7	1306.7	1155.0	1134.7	1100.0	1087.0	1102.9	1153.5	1270.6
17.5°	1517.7	1494.6	1433.9	1227.2	1108.7	1094.2	1069.6	1095.7	1185.3	1253.2	1292.2
20°	1494.6	1467.1	1397.8	1169.4	1075.4	1062.4	1050.8	1167.9	1235.8	1260.4	1282.1
22.5°	1467.1	1438.3	1348.6	1128.9	1040.8	1030.6	1037.9	1208.4	1235.8	1253.2	1272.0
25°	1431.0	1406.4	1290.8	1097.1	1013.3	1001.7	1029.1	1204.1	1220.0	1224.3	1261.9
27.5°	1397.8	1365.9	1230.1	1068.2	980.0	975.7	1036.4	1185.3	1196.8	1201.2	1241.6
30°	1357.3	1309.5	1162.1	1037.9	945.3	943.9	1037.9	1162.1	1159.2	1170.8	1211.3
32.5°	1315.4	1225.8	1085.5	1000.3	912.1	910.7	1027.7	1127.4	1124.5	1140.4	1170.8
35°	1276.3	1160.7	981.5	956.9	870.2	871.6	1003.2	1087.0	1088.4	1102.9	1121.6
37.5°	1235.8	1104.3	867.3	909.2	829.7	829.7	969.9	1049.4	1046.5	1050.8	1076.9
40°	1188.2	1016.2	766.1	847.0	792.1	787.8	929.5	1008.9	998.8	997.4	1033.5
42.5°	1137.6	919.3	690.9	764.6	748.7	743.0	880.3	959.8	941.0	945.3	991.6
45°	1082.6	893.3	633.1	646.1	704.0	699.6	826.8	903.4	890.4	902.0	949.7
47.5°	1027.7	841.2	614.3	536.3	656.2	654.8	767.5	848.5	841.2	852.8	903.4
50°	952.5	783.4	612.8	459.7	602.8	608.6	696.7	795.0	795.0	805.1	858.6
52.5°	855.8	712.6	556.5	416.3	540.6	557.9	634.5	748.7	751.6	761.8	809.5
55°	767.5	638.9	516.1	383.1	466.9	504.4	573.9	701.1	706.8	717.0	760.3
57.5°	686.6	532.0	507.4	344.0	399.0	435.1	520.3	654.8	657.7	666.4	708.2
60°	599.9	384.5	465.4	302.1	339.7	367.1	471.2	599.9	610.0	615.7	651.9
62.5°	501.5	279.0	422.1	273.2	310.7	316.5	430.7	547.8	560.8	565.2	586.9
65°	357.0	234.2	358.5	248.6	280.4	281.9	387.3	494.4	505.9	513.2	529.0
67.5°	241.4	190.8	273.2	225.5	257.3	258.7	345.5	432.2	448.1	453.9	464.0
70°	167.7	127.2	202.3	200.9	231.3	234.2	300.7	375.8	390.3	394.6	400.4
72.5°	122.8	102.7	167.7	180.6	203.8	206.7	254.4	312.2	326.7	331.0	333.9
75°	94.0	108.4	135.9	157.6	173.5	174.9	208.2	254.4	264.5	267.4	268.9
77.5°	75.2	101.2	99.8	127.2	141.6	138.8	163.3	196.6	205.2	205.2	205.2
80°	56.4	79.5	75.2	91.1	104.0	101.2	117.1	140.2	143.1	146.0	144.5
82.5°	41.9	50.6	50.6	57.8	69.4	66.5	78.1	91.1	91.1	91.1	94.0
85°	26.1	28.9	23.1	30.3	39.0	37.6	43.4	49.1	50.6	50.6	47.7
87.5°	15.9	13.0	7.3	11.5	17.3	17.3	20.2	21.7	20.2	20.2	20.2
90°	13.8	9.6	5.3	9.6	13.8	14.9	23.5	34.8	40.5	36.0	27.0
92.5°	93.8	57.5	21.3	57.5	93.8	102.8	144.5	200.1	228.0	199.8	143.5
95°	183.7	117.4	51.2	117.4	183.7	200.3	355.7	562.9	666.5	594.7	451.2
97.5°	205.4	146.9	88.4	146.9	205.4	220.0	479.1	824.6	997.3	951.9	861.2
100°	223.3	170.2	117.2	170.2	223.3	236.5	524.0	907.3	1099.0	1102.3	1109.0
102.5°	240.7	191.2	141.7	191.2	240.7	253.1	544.7	933.4	1127.8	1185.5	1301.1
105°	267.1	225.2	183.3	225.2	267.1	277.6	559.9	936.3	1124.5	1254.0	1513.1
107.5°	304.1	265.0	225.9	265.0	304.1	313.8	562.8	894.7	1060.7	1241.3	1602.6
110°	325.3	289.9	254.6	289.9	325.3	334.0	558.5	857.7	1007.4	1209.4	1613.3



TEST NUMBER: P936131

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	350.2	316.5	282.9	316.5	350.2	358.6	558.7	825.5	958.9	1165.6	1579.0
115°	387.5	356.5	325.5	356.5	387.5	395.3	563.8	788.5	900.8	1099.9	1498.2
117.5°	424.0	395.8	367.6	395.8	424.0	431.0	574.3	765.4	860.9	1040.6	1400.0
120°	445.1	418.6	392.0	418.6	445.1	451.7	582.8	757.5	844.9	1009.1	1337.5
122.5°	469.6	442.8	416.0	442.8	469.6	476.3	595.1	753.5	832.7	980.5	1276.2
125°	501.6	477.2	452.9	477.2	501.6	507.7	611.6	750.1	819.4	944.9	1196.1
127.5°	531.9	507.3	482.7	507.3	531.9	538.0	628.0	748.1	808.2	916.1	1131.7
130°	551.6	525.1	498.6	525.1	551.6	558.3	640.2	749.3	803.9	899.9	1091.9
132.5°	568.2	541.7	515.1	541.7	568.2	574.8	649.9	750.1	800.1	886.1	1058.0
135°	587.9	563.8	539.6	563.8	587.9	594.0	660.6	749.3	793.7	865.7	1009.7
137.5°	612.5	588.6	564.7	588.6	612.5	618.5	676.6	754.0	792.7	853.5	975.2
140°	629.6	607.5	585.5	607.5	629.6	635.0	686.4	754.8	789.0	841.5	946.6
142.5°	642.1	621.8	601.5	621.8	642.1	647.3	694.5	757.4	789.0	835.2	927.5
145°	661.4	643.8	626.0	643.8	661.4	665.9	705.2	757.5	783.7	821.4	896.9
147.5°	685.0	667.8	650.4	667.8	685.0	689.4	720.8	762.7	783.7	813.4	872.7
150°	697.7	682.1	666.5	682.1	697.7	701.6	728.9	765.4	783.7	808.8	858.9
152.5°	706.6	694.8	683.0	694.8	706.6	709.6	734.3	767.2	783.7	805.1	848.0
155°	725.0	716.3	707.5	716.3	725.0	727.2	746.0	771.1	783.7	800.7	834.8
157.5°	742.6	734.1	725.6	734.1	742.6	744.7	757.7	775.0	783.7	796.9	823.4
160°	751.1	744.5	737.8	744.5	751.1	752.7	763.1	776.8	783.7	795.0	817.7
162.5°	760.0	755.0	750.1	755.0	760.0	761.3	768.7	778.7	783.7	793.2	812.4
165°	772.4	767.9	763.4	767.9	772.4	773.5	776.9	781.4	783.7	790.5	804.2
167.5°	779.9	777.8	775.6	777.8	779.9	780.4	783.2	787.1	789.0	793.5	802.5
170°	787.9	785.8	783.7	785.8	787.9	788.4	788.6	788.9	789.0	793.5	802.5
172.5°	788.9	788.4	787.9	788.4	788.9	789.0	789.0	789.0	789.0	792.5	799.6
175°	793.7	793.7	793.7	793.7	793.7	793.7	792.1	790.0	789.0	791.2	795.7
177.5°	793.7	793.7	793.7	793.7	793.7	793.7	792.5	790.9	790.1	791.9	795.4
180°	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7



TEST NUMBER: P936131

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9	1527.9
2.5°	1474.4	1470.0	1475.8	1459.9	1475.8	1470.0	1474.4	1484.5	1475.8	1481.6	1487.4
5°	1293.7	1286.5	1263.3	1244.5	1263.3	1286.5	1293.7	1324.1	1338.5	1364.6	1399.2
7.5°	1156.4	1150.6	1144.8	1133.3	1144.8	1150.6	1156.4	1165.0	1179.5	1202.6	1228.7
10°	1126.0	1127.4	1136.2	1134.7	1136.2	1127.4	1126.0	1123.1	1118.8	1123.1	1139.0
12.5°	1204.1	1217.0	1264.8	1261.9	1264.8	1217.0	1204.1	1146.2	1107.2	1100.0	1102.9
15°	1293.7	1298.0	1308.2	1309.5	1308.2	1298.0	1293.7	1270.6	1153.5	1102.9	1087.0
17.5°	1302.4	1303.8	1311.0	1311.0	1311.0	1303.8	1302.4	1292.2	1253.2	1185.3	1095.7
20°	1295.1	1298.0	1312.5	1315.4	1312.5	1298.0	1295.1	1282.1	1260.4	1235.8	1167.9
22.5°	1292.2	1298.0	1309.5	1308.2	1309.5	1298.0	1292.2	1272.0	1253.2	1235.8	1208.4
25°	1277.8	1277.8	1279.2	1280.7	1279.2	1277.8	1277.8	1261.9	1224.3	1220.0	1204.1
27.5°	1247.5	1250.4	1259.0	1257.5	1259.0	1250.4	1247.5	1241.6	1201.2	1196.8	1185.3
30°	1220.0	1217.0	1209.9	1204.1	1209.9	1217.0	1220.0	1211.3	1170.8	1159.2	1162.1
32.5°	1173.7	1166.5	1159.2	1155.0	1159.2	1166.5	1173.7	1170.8	1140.4	1124.5	1127.4
35°	1118.8	1120.2	1118.8	1114.5	1118.8	1120.2	1118.8	1121.6	1102.9	1088.4	1087.0
37.5°	1079.8	1082.6	1081.2	1075.4	1081.2	1082.6	1079.8	1076.9	1050.8	1046.5	1049.4
40°	1039.3	1040.8	1039.3	1034.9	1039.3	1040.8	1039.3	1033.5	997.4	998.8	1008.9
42.5°	1000.3	998.8	994.5	991.6	994.5	998.8	1000.3	991.6	945.3	941.0	959.8
45°	955.4	956.9	948.3	943.9	948.3	956.9	955.4	949.7	902.0	890.4	903.4
47.5°	910.7	910.7	903.4	899.1	903.4	910.7	910.7	903.4	852.8	841.2	848.5
50°	862.9	861.5	851.4	849.9	851.4	861.5	862.9	858.6	805.1	795.0	795.0
52.5°	808.0	808.0	809.5	812.4	809.5	808.0	808.0	809.5	761.8	751.6	748.7
55°	760.3	761.8	771.9	774.8	771.9	761.8	760.3	760.3	717.0	706.8	701.1
57.5°	711.1	711.1	718.4	718.4	718.4	711.1	711.1	708.2	666.4	657.7	654.8
60°	654.8	657.7	663.5	662.0	663.5	657.7	654.8	651.9	615.7	610.0	599.9
62.5°	595.5	598.4	599.9	597.0	599.9	598.4	595.5	586.9	565.2	560.8	547.8
65°	533.4	536.3	537.7	534.9	537.7	536.3	533.4	529.0	513.2	505.9	494.4
67.5°	469.8	468.3	466.9	472.7	466.9	468.3	469.8	464.0	453.9	448.1	432.2
70°	404.7	404.7	403.3	406.1	403.3	404.7	404.7	400.4	394.6	390.3	375.8
72.5°	335.3	333.9	339.7	335.3	339.7	333.9	335.3	333.9	331.0	326.7	312.2
75°	267.4	270.3	267.4	271.8	267.4	270.3	267.4	268.9	267.4	264.5	254.4
77.5°	203.8	206.7	203.8	203.8	203.8	206.7	203.8	205.2	205.2	205.2	196.6
80°	144.5	143.1	143.1	141.6	143.1	143.1	144.5	144.5	146.0	143.1	140.2
82.5°	92.5	91.1	91.1	94.0	91.1	91.1	92.5	94.0	91.1	91.1	91.1
85°	50.6	52.0	49.1	49.1	49.1	52.0	50.6	47.7	50.6	50.6	49.1
87.5°	18.8	17.3	17.3	17.3	17.3	17.3	18.8	20.2	20.2	20.2	21.7
90°	20.2	20.2	20.2	20.2	20.2	20.2	20.2	27.0	36.0	40.5	34.8
92.5°	101.2	97.2	81.1	65.0	81.1	97.2	101.2	143.5	199.8	228.0	200.1
95°	343.6	331.4	282.6	233.9	282.6	331.4	343.6	451.2	594.7	666.5	562.9
97.5°	793.2	770.0	677.2	584.4	677.2	770.0	793.2	861.2	951.9	997.3	824.6
100°	1114.0	1086.3	975.8	865.1	975.8	1086.3	1114.0	1109.0	1102.3	1099.0	907.3
102.5°	1387.8	1364.1	1269.4	1174.7	1269.4	1364.1	1387.8	1301.1	1185.5	1127.8	933.4
105°	1707.4	1694.7	1643.8	1592.9	1643.8	1694.7	1707.4	1513.1	1254.0	1124.5	936.3
107.5°	1873.6	1876.7	1889.0	1901.3	1889.0	1876.7	1873.6	1602.6	1241.3	1060.7	894.7
110°	1916.2	1929.5	1982.5	2035.6	1982.5	1929.5	1916.2	1613.3	1209.4	1007.4	857.7



TEST NUMBER: P936131

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1889.1	1909.4	1990.9	2072.3	1990.9	1909.4	1889.1	1579.0	1165.6	958.9	825.5
115°	1796.9	1825.2	1938.1	2051.0	1938.1	1825.2	1796.9	1498.2	1099.9	900.8	788.5
117.5°	1669.6	1700.9	1826.1	1951.3	1826.1	1700.9	1669.6	1400.0	1040.6	860.9	765.4
120°	1583.8	1614.2	1735.9	1857.6	1735.9	1614.2	1583.8	1337.5	1009.1	844.9	757.5
122.5°	1498.1	1528.0	1648.1	1768.1	1648.1	1528.0	1498.1	1276.2	980.5	832.7	753.5
125°	1384.5	1412.2	1522.7	1633.3	1522.7	1412.2	1384.5	1196.1	944.9	819.4	750.1
127.5°	1293.5	1316.8	1410.1	1503.4	1410.1	1316.8	1293.5	1131.7	916.1	808.2	748.1
130°	1235.9	1257.4	1343.6	1429.8	1343.6	1257.4	1235.9	1091.9	899.9	803.9	749.3
132.5°	1186.9	1206.2	1283.3	1360.5	1283.3	1206.2	1186.9	1058.0	886.1	800.1	750.1
135°	1117.6	1134.3	1200.8	1267.4	1200.8	1134.3	1117.6	1009.7	865.7	793.7	749.3
137.5°	1066.5	1080.1	1134.6	1189.0	1134.6	1080.1	1066.5	975.2	853.5	792.7	754.0
140°	1025.5	1038.2	1089.1	1140.0	1089.1	1038.2	1025.5	946.6	841.5	789.0	754.8
142.5°	996.8	1007.7	1051.5	1095.2	1051.5	1007.7	996.8	927.5	835.2	789.0	757.4
145°	953.5	961.8	995.1	1028.2	995.1	961.8	953.5	896.9	821.4	783.7	757.5
147.5°	917.3	924.2	951.7	979.2	951.7	924.2	917.3	872.7	813.4	783.7	762.7
150°	896.6	902.1	924.4	946.6	924.4	902.1	896.6	858.9	808.8	783.7	765.4
152.5°	880.1	884.3	901.1	917.8	901.1	884.3	880.1	848.0	805.1	783.7	767.2
155°	860.4	863.2	874.3	885.4	874.3	863.2	860.4	834.8	800.7	783.7	771.1
157.5°	843.3	845.2	853.0	860.9	853.0	845.2	843.3	823.4	796.9	783.7	775.0
160°	834.7	835.8	840.4	844.9	840.4	835.8	834.7	817.7	795.0	783.7	776.8
162.5°	826.8	827.8	832.1	836.4	832.1	827.8	826.8	812.4	793.2	783.7	778.7
165°	814.5	815.6	820.1	824.7	820.1	815.6	814.5	804.2	790.5	783.7	781.4
167.5°	809.2	809.7	811.6	813.5	811.6	809.7	809.2	802.5	793.5	789.0	787.1
170°	809.2	809.2	809.2	809.2	809.2	809.2	809.2	802.5	793.5	789.0	788.9
172.5°	804.9	804.5	802.9	801.3	802.9	804.5	804.9	799.6	792.5	789.0	789.0
175°	799.1	799.1	799.1	799.1	799.1	799.1	799.1	795.7	791.2	789.0	790.0
177.5°	798.0	797.5	795.6	793.7	795.6	797.5	798.0	795.4	791.9	790.1	790.9
180°	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7	793.7



TEST NUMBER: P936131

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1527.9	1527.9	1527.9	1527.9	1527.9
2.5°	1509.1	1516.2	1520.6	1526.4	1540.8
5°	1451.2	1478.7	1487.4	1509.1	1535.0
7.5°	1324.1	1407.9	1431.0	1483.0	1523.5
10°	1201.2	1285.0	1325.5	1448.3	1509.1
12.5°	1139.0	1188.2	1215.6	1387.6	1488.8
15°	1100.0	1134.7	1155.0	1306.7	1465.7
17.5°	1069.6	1094.2	1108.7	1227.2	1433.9
20°	1050.8	1062.4	1075.4	1169.4	1397.8
22.5°	1037.9	1030.6	1040.8	1128.9	1348.6
25°	1029.1	1001.7	1013.3	1097.1	1290.8
27.5°	1036.4	975.7	980.0	1068.2	1230.1
30°	1037.9	943.9	945.3	1037.9	1162.1
32.5°	1027.7	910.7	912.1	1000.3	1085.5
35°	1003.2	871.6	870.2	956.9	981.5
37.5°	969.9	829.7	829.7	909.2	867.3
40°	929.5	787.8	792.1	847.0	766.1
42.5°	880.3	743.0	748.7	764.6	690.9
45°	826.8	699.6	704.0	646.1	633.1
47.5°	767.5	654.8	656.2	536.3	614.3
50°	696.7	608.6	602.8	459.7	612.8
52.5°	634.5	557.9	540.6	416.3	556.5
55°	573.9	504.4	466.9	383.1	516.1
57.5°	520.3	435.1	399.0	344.0	507.4
60°	471.2	367.1	339.7	302.1	465.4
62.5°	430.7	316.5	310.7	273.2	422.1
65°	387.3	281.9	280.4	248.6	358.5
67.5°	345.5	258.7	257.3	225.5	273.2
70°	300.7	234.2	231.3	200.9	202.3
72.5°	254.4	206.7	203.8	180.6	167.7
75°	208.2	174.9	173.5	157.6	135.9
77.5°	163.3	138.8	141.6	127.2	99.8
80°	117.1	101.2	104.0	91.1	75.2
82.5°	78.1	66.5	69.4	57.8	50.6
85°	43.4	37.6	39.0	30.3	23.1
87.5°	20.2	17.3	17.3	11.5	7.3
90°	23.5	14.9	13.8	9.6	5.3
92.5°	144.5	102.8	93.8	57.5	21.3
95°	355.7	200.3	183.7	117.4	51.2
97.5°	479.1	220.0	205.4	146.9	88.4
100°	524.0	236.5	223.3	170.2	117.2
102.5°	544.7	253.1	240.7	191.2	141.7
105°	559.9	277.6	267.1	225.2	183.3
107.5°	562.8	313.8	304.1	265.0	225.9
110°	558.5	334.0	325.3	289.9	254.6



TEST NUMBER: P936131

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	558.7	358.6	350.2	316.5	282.9
115°	563.8	395.3	387.5	356.5	325.5
117.5°	574.3	431.0	424.0	395.8	367.6
120°	582.8	451.7	445.1	418.6	392.0
122.5°	595.1	476.3	469.6	442.8	416.0
125°	611.6	507.7	501.6	477.2	452.9
127.5°	628.0	538.0	531.9	507.3	482.7
130°	640.2	558.3	551.6	525.1	498.6
132.5°	649.9	574.8	568.2	541.7	515.1
135°	660.6	594.0	587.9	563.8	539.6
137.5°	676.6	618.5	612.5	588.6	564.7
140°	686.4	635.0	629.6	607.5	585.5
142.5°	694.5	647.3	642.1	621.8	601.5
145°	705.2	665.9	661.4	643.8	626.0
147.5°	720.8	689.4	685.0	667.8	650.4
150°	728.9	701.6	697.7	682.1	666.5
152.5°	734.3	709.6	706.6	694.8	683.0
155°	746.0	727.2	725.0	716.3	707.5
157.5°	757.7	744.7	742.6	734.1	725.6
160°	763.1	752.7	751.1	744.5	737.8
162.5°	768.7	761.3	760.0	755.0	750.1
165°	776.9	773.5	772.4	767.9	763.4
167.5°	783.2	780.4	779.9	777.8	775.6
170°	788.6	788.4	787.9	785.8	783.7
172.5°	789.0	789.0	788.9	788.4	787.9
175°	792.1	793.7	793.7	793.7	793.7
177.5°	792.5	793.7	793.7	793.7	793.7
180°	793.7	793.7	793.7	793.7	793.7



TEST NUMBER: P936131
 CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-2700K

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	13.38	14.18	14.39	15.20	16.56	16.17	16.98	17.18	18.00	19.36
	3H	13.85	14.57	14.87	15.60	16.98	17.50	18.23	18.53	19.26	20.64
	4H	14.04	14.72	15.07	15.75	17.14	17.94	18.62	18.97	19.66	21.04
	6H	14.15	14.78	15.20	15.82	17.22	18.21	18.84	19.26	19.88	21.28
	8H	14.15	14.75	15.20	15.81	17.20	18.28	18.88	19.33	19.93	21.33
	12H	14.12	14.69	15.18	15.74	17.16	18.31	18.88	19.37	19.93	21.35
4H	2H	14.39	15.08	15.43	16.11	17.50	16.58	17.26	17.62	18.29	19.68
	3H	15.42	15.99	16.46	17.05	18.45	18.07	18.64	19.12	19.70	21.10
	4H	15.69	16.21	16.74	17.26	18.69	18.59	19.11	19.64	20.16	21.58
	6H	15.81	16.26	16.88	17.34	18.75	18.94	19.39	20.01	20.46	21.88
	8H	15.82	16.24	16.88	17.30	18.74	19.04	19.46	20.11	20.53	21.96
	12H	15.78	16.16	16.86	17.24	18.68	19.09	19.47	20.17	20.55	21.99
8H	4H	16.13	16.55	17.20	17.62	19.05	18.71	19.13	19.77	20.19	21.63
	6H	16.39	16.74	17.48	17.85	19.28	19.13	19.48	20.22	20.59	22.02
	8H	16.43	16.74	17.53	17.83	19.28	19.28	19.58	20.38	20.68	22.13
	12H	16.42	16.68	17.52	17.77	19.26	19.37	19.64	20.47	20.73	22.22
12H	4H	16.14	16.51	17.22	17.60	19.04	18.67	19.05	19.75	20.13	21.57
	6H	16.45	16.76	17.55	17.85	19.30	19.13	19.43	20.23	20.53	21.98
	8H	16.52	16.78	17.61	17.87	19.36	19.28	19.55	20.38	20.64	22.13