

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: P934560

Luminaire Tested: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934560
REPORT IS A COMBINATION OF REPORTS P933702 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

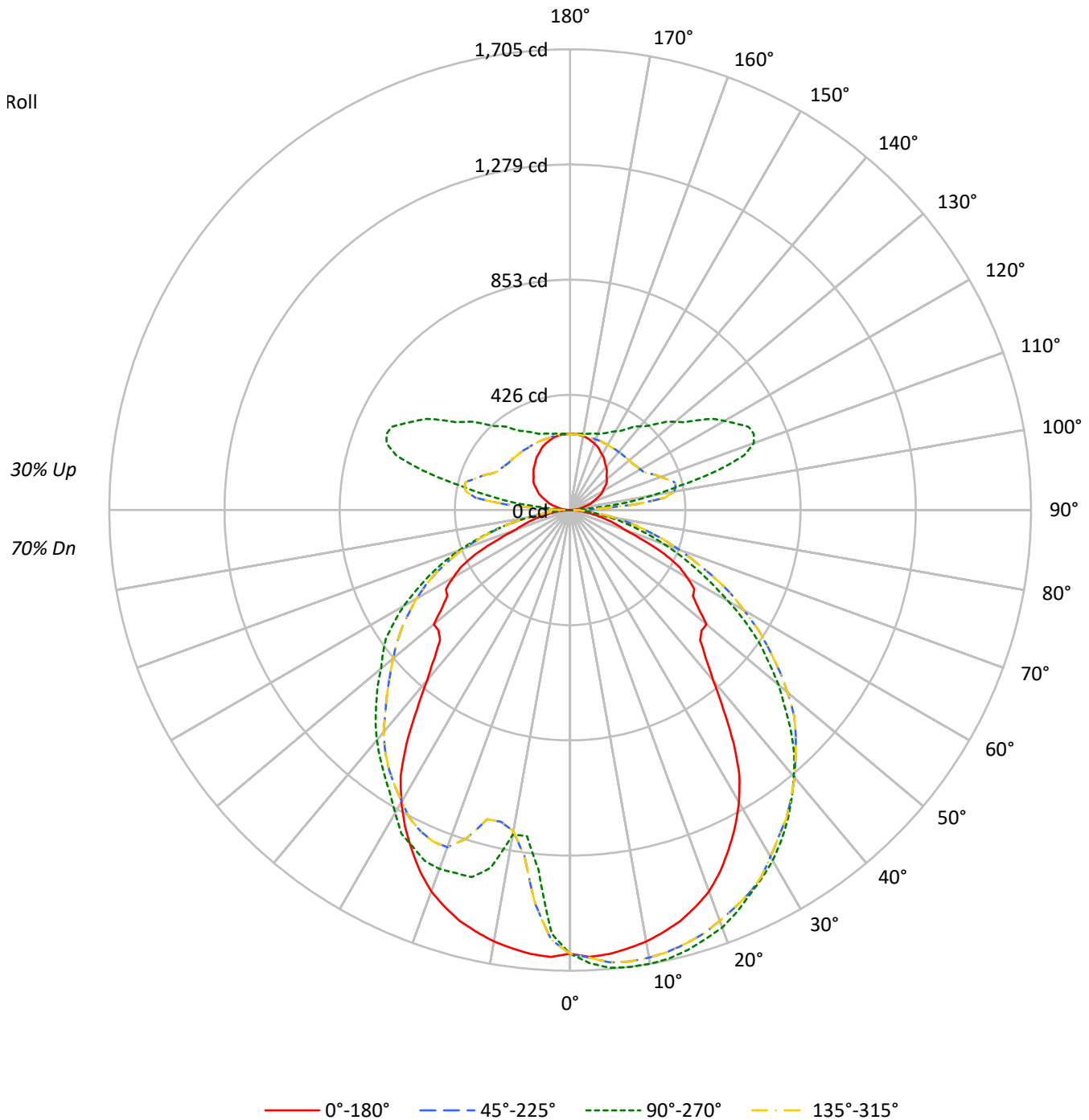
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6084.3 lumens
Efficiency: N/A
Efficacy: 108.6 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: Semi-Direct

Input Watts (W): 56
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

TEST NUMBER: P934560
CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-5000K

Luminous Intensity Polar Plot





TEST NUMBER: P934560

CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-5000K

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
RCR																				
0	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74	74	74	70
1	102	98	94	90	97	93	89	86	83	80	78	74	72	70	66	65	63	63	63	59
2	93	86	79	74	88	81	76	71	73	68	65	65	62	59	58	56	53	53	53	50
3	85	75	68	62	80	71	65	59	64	59	54	58	53	50	52	48	45	45	45	42
4	78	67	58	52	73	63	56	50	57	51	46	51	47	43	46	42	39	39	39	36
5	72	60	51	45	67	57	49	43	51	45	40	46	41	37	41	37	34	34	34	31
6	66	53	45	39	62	51	43	38	46	40	35	42	36	32	38	33	30	30	30	27
7	61	48	40	34	58	46	39	33	42	36	31	38	33	29	34	30	27	27	27	24
8	57	44	36	30	54	42	35	29	38	32	28	35	30	26	31	27	24	24	24	22
9	53	40	32	27	50	38	31	26	35	29	25	32	27	23	29	25	21	21	21	19
10	49	37	30	25	47	35	28	24	32	26	22	30	25	21	27	23	19	19	19	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15233	15233	15233	15233
5°	15329	15377	15329	12091
10°	15210	15147	15210	10829
15°	15028	14819	15028	12373
20°	14696	14430	14696	12400
25°	14035	13862	14035	12137
30°	13188	13392	13188	11560
35°	11740	12796	11740	10926
40°	9766	12095	9766	10447
45°	8708	11275	8708	9896
50°	9230	10296	9230	9343
55°	8661	9242	8661	9023
60°	8896	7850	8896	8265
65°	8027	6489	8027	7254
70°	5519	5171	5519	6080
75°	4788	3822	4788	4578
80°	3782	2528	3782	2752
85°	2062	1338	2062	1138

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13373 cd/sqm



TEST NUMBER: P934560

CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	148.2	2.4
10°-20°	420.7	6.9
20°-30°	650.4	10.7
30°-40°	776.4	12.8
40°-50°	780.9	12.8
50°-60°	679.5	11.2
60°-70°	481.8	7.9
70°-80°	254.9	4.2
80°-90°	64.5	1.1
90°-100°	137.4	2.3
100°-110°	361.2	5.9
110°-120°	374.5	6.2
120°-130°	300.4	4.9
130°-140°	235.7	3.9
140°-150°	180.9	3.0
150°-160°	130.3	2.1
160°-170°	79.7	1.3
170°-180°	26.9	0.4
0°-30°	1219.3	20.0
0°-40°	1995.6	32.8
0°-60°	3456.1	56.8
0°-90°	4257.3	70.0
90°-120°	873.0	14.3
90°-150°	1590.0	26.1
90°-180°	1827.0	30.0
0°-180°	6084.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1642	1642	1642	1642	1642	
5°	1649	1701	1649	1337	1649	156
15°	1575	1685	1575	1407	1575	443
25°	1387	1572	1387	1376	1387	637
35°	1054	1402	1054	1197	1054	652
45°	680	1156	680	1014	680	545
55°	554	853	554	832	554	509
65°	385	514	385	575	385	368
75°	146	244	146	292	146	153
85°	25	62	25	53	25	34
90°	2	7	2	7	2	3
95°	18	83	18	83	18	20
105°	65	566	65	566	65	69
115°	116	728	116	728	116	114
125°	161	580	161	580	161	143
135°	192	450	192	450	192	148
145°	222	365	222	365	222	139
155°	251	314	251	314	251	115
165°	271	293	271	293	271	76
175°	282	284	282	284	282	27
180°	282	282	282	282	282	



TEST NUMBER: P934560

CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1655.5	1655.5	1664.9	1668.0	1668.0	1663.3	1658.6	1663.3	1677.3	1682.0	1680.4
5°	1649.3	1661.8	1678.8	1682.0	1685.1	1683.5	1680.4	1683.5	1699.0	1702.1	1703.7
7.5°	1636.9	1660.2	1682.0	1686.6	1691.2	1686.6	1685.1	1688.2	1703.7	1706.8	1706.8
10°	1621.4	1654.0	1678.8	1682.0	1686.6	1682.0	1682.0	1688.2	1703.7	1706.8	1708.4
12.5°	1599.6	1644.7	1668.0	1671.0	1677.3	1675.7	1674.2	1680.4	1695.9	1699.0	1699.0
15°	1574.8	1627.6	1649.3	1652.4	1663.3	1660.2	1660.2	1666.4	1683.5	1688.2	1686.6
17.5°	1540.6	1605.9	1630.7	1635.3	1643.1	1641.6	1643.1	1649.3	1664.9	1668.0	1669.5
20°	1501.8	1576.3	1605.9	1610.5	1618.3	1618.3	1618.3	1626.1	1641.6	1647.8	1647.8
22.5°	1448.9	1545.3	1576.3	1579.4	1588.7	1588.7	1591.8	1602.8	1616.7	1618.3	1618.3
25°	1386.8	1511.1	1537.5	1546.9	1556.1	1560.8	1565.5	1571.6	1576.3	1574.8	1576.3
27.5°	1321.7	1467.6	1501.8	1508.0	1520.4	1525.1	1531.3	1532.8	1534.4	1539.1	1535.9
30°	1248.6	1407.0	1458.3	1464.5	1484.7	1487.8	1481.6	1484.7	1492.4	1495.6	1498.7
32.5°	1166.3	1317.0	1413.3	1427.2	1445.9	1436.6	1435.0	1439.7	1452.1	1452.1	1455.2
35°	1054.5	1247.1	1371.3	1383.8	1397.7	1386.8	1393.1	1394.6	1402.4	1407.0	1405.5
37.5°	931.8	1186.5	1327.8	1337.2	1348.0	1334.1	1343.4	1348.0	1354.2	1351.1	1351.1
40°	823.1	1091.8	1276.6	1282.8	1292.1	1281.3	1290.6	1293.7	1296.8	1293.7	1292.1
42.5°	742.3	987.7	1222.3	1230.0	1223.7	1231.5	1234.7	1240.9	1236.2	1230.0	1230.0
45°	680.2	959.8	1163.2	1172.5	1163.2	1175.7	1180.3	1180.3	1166.3	1163.2	1161.7
47.5°	660.0	903.8	1104.2	1104.2	1099.6	1115.1	1122.8	1112.0	1098.0	1093.3	1093.3
50°	658.4	841.7	1023.4	1017.3	1039.0	1057.6	1049.8	1039.0	1028.1	1011.0	1011.0
52.5°	597.9	765.6	919.4	942.7	976.9	987.7	975.3	964.4	945.8	938.1	931.8
55°	554.5	686.4	824.6	871.3	907.0	920.9	897.7	886.8	858.9	854.2	851.1
57.5°	545.1	571.5	737.7	796.7	840.1	838.7	824.6	804.5	781.1	776.6	775.0
60°	500.1	413.1	644.5	714.4	759.4	754.8	742.3	723.7	701.9	698.8	695.8
62.5°	453.5	299.7	538.9	618.1	681.8	680.2	669.4	641.4	625.9	618.1	611.9
65°	385.2	251.6	383.6	514.1	605.7	608.8	585.5	565.3	548.2	538.9	537.3
67.5°	293.5	205.0	259.3	428.7	532.7	529.6	500.1	490.8	469.0	464.4	455.1
70°	217.4	136.6	180.1	347.9	461.2	453.5	430.2	419.3	399.1	388.3	382.0
72.5°	180.1	110.3	132.0	270.3	388.3	378.9	358.7	346.3	329.3	319.9	313.7
75°	146.0	116.5	100.9	200.3	315.2	309.1	290.5	278.0	264.0	251.6	253.1
77.5°	107.2	108.7	80.8	147.6	250.1	240.7	229.9	214.3	208.1	195.7	195.7
80°	80.8	85.4	60.6	100.9	180.1	180.1	170.9	160.0	149.1	142.9	142.9
82.5°	54.3	54.3	45.1	63.7	122.7	118.0	111.8	108.7	102.5	99.4	99.4
85°	24.9	31.0	28.0	38.8	66.8	69.9	69.9	66.8	65.2	62.1	63.7
87.5°	7.8	13.9	17.1	21.7	34.1	35.7	37.3	37.3	37.3	38.8	38.8
90°	1.9	3.4	5.0	5.3	8.4	12.4	14.4	12.8	9.5	7.2	7.2
92.5°	7.5	20.4	33.3	36.5	51.3	71.0	80.9	70.9	50.9	36.0	34.5
95°	18.2	41.7	65.2	71.1	126.3	199.8	236.6	211.1	160.1	122.0	117.6
97.5°	31.4	52.1	72.9	78.1	170.0	292.7	354.0	338.0	305.8	281.6	273.4
100°	41.6	60.4	79.3	84.0	186.0	322.1	390.2	391.4	393.8	395.5	385.7
102.5°	50.3	67.9	85.4	89.8	193.4	331.4	400.4	420.9	462.0	492.7	484.3
105°	65.1	79.9	94.8	98.6	198.8	332.5	399.3	445.3	537.2	606.2	601.7
107.5°	80.2	94.1	107.9	111.4	199.8	317.7	376.6	440.8	569.1	665.2	666.3
110°	90.4	102.9	115.4	118.6	198.3	304.6	357.7	429.4	572.8	680.4	685.1



TEST NUMBER: P934560

CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	100.4	112.3	124.3	127.3	198.3	293.1	340.5	413.9	560.6	670.7	678.0
115°	115.5	126.6	137.6	140.3	200.1	279.9	319.8	390.5	531.9	638.0	648.0
117.5°	130.5	140.5	150.5	153.0	203.9	271.7	305.7	369.5	497.0	592.7	603.8
120°	139.2	148.7	158.0	160.4	206.9	269.0	300.0	358.3	474.9	562.4	573.2
122.5°	147.7	157.3	166.7	169.1	211.3	267.5	295.6	348.1	453.2	531.9	542.5
125°	160.8	169.4	178.0	180.2	217.1	266.3	290.9	335.5	424.7	491.6	501.4
127.5°	171.3	180.1	188.9	191.1	223.0	265.7	287.0	325.2	401.8	459.2	467.5
130°	177.0	186.5	195.8	198.2	227.3	266.0	285.4	319.5	387.7	438.8	446.5
132.5°	182.9	192.3	201.7	204.1	230.8	266.3	284.1	314.6	375.6	421.4	428.3
135°	191.6	200.1	208.8	210.9	234.6	266.0	281.8	307.3	358.5	396.8	402.7
137.5°	200.5	209.0	217.5	219.6	240.3	267.7	281.5	303.0	346.2	378.6	383.5
140°	207.9	215.7	223.6	225.5	243.6	268.0	280.1	298.8	336.2	364.1	368.6
142.5°	213.5	220.8	228.0	229.8	246.6	268.9	280.1	296.5	329.3	353.9	357.7
145°	222.3	228.5	234.8	236.4	250.3	269.0	278.2	291.6	318.4	338.5	341.5
147.5°	231.0	237.1	243.2	244.7	255.9	270.8	278.2	288.8	309.9	325.7	328.2
150°	236.6	242.1	247.7	249.1	258.8	271.7	278.2	287.1	305.0	318.3	320.4
152.5°	242.5	246.7	250.9	251.9	260.7	272.4	278.2	285.9	301.1	312.5	313.9
155°	251.2	254.3	257.4	258.1	264.8	273.7	278.2	284.3	296.4	305.5	306.5
157.5°	257.6	260.6	263.7	264.4	269.0	275.1	278.2	282.9	292.4	299.4	300.2
160°	262.0	264.3	266.7	267.2	270.9	275.8	278.2	282.3	290.4	296.4	296.8
162.5°	266.3	268.1	269.8	270.3	272.9	276.5	278.2	281.6	288.4	293.6	293.9
165°	271.1	272.6	274.3	274.7	275.9	277.4	278.2	280.6	285.5	289.2	289.5
167.5°	275.4	276.1	276.9	277.1	278.1	279.4	280.1	281.7	284.9	287.3	287.5
170°	278.2	279.0	279.7	279.9	280.0	280.1	280.1	281.7	284.9	287.3	287.3
172.5°	279.7	279.9	280.1	280.1	280.1	280.1	280.1	281.4	283.8	285.8	285.6
175°	281.8	281.8	281.8	281.8	281.3	280.4	280.1	280.9	282.6	283.8	283.8
177.5°	281.8	281.8	281.8	281.8	281.4	280.8	280.5	281.2	282.5	283.4	283.2
180°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8



TEST NUMBER: P934560

CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1683.5	1678.8	1683.5	1680.4	1682.0	1677.3	1663.3	1658.6	1663.3	1668.0	1668.0
5°	1703.7	1700.6	1703.7	1703.7	1702.1	1699.0	1683.5	1680.4	1683.5	1685.1	1682.0
7.5°	1709.8	1705.3	1709.8	1706.8	1706.8	1703.7	1688.2	1685.1	1686.6	1691.2	1686.6
10°	1709.8	1705.3	1709.8	1708.4	1706.8	1703.7	1688.2	1682.0	1682.0	1686.6	1682.0
12.5°	1702.1	1699.0	1702.1	1699.0	1699.0	1695.9	1680.4	1674.2	1675.7	1677.3	1671.0
15°	1689.7	1685.1	1689.7	1686.6	1688.2	1683.5	1666.4	1660.2	1660.2	1663.3	1652.4
17.5°	1671.0	1664.9	1671.0	1669.5	1668.0	1664.9	1649.3	1643.1	1641.6	1643.1	1635.3
20°	1649.3	1644.7	1649.3	1647.8	1647.8	1641.6	1626.1	1618.3	1618.3	1618.3	1610.5
22.5°	1615.1	1610.5	1615.1	1618.3	1618.3	1616.7	1602.8	1591.8	1588.7	1588.7	1579.4
25°	1576.3	1571.6	1576.3	1576.3	1574.8	1576.3	1571.6	1565.5	1560.8	1556.1	1546.9
27.5°	1539.1	1535.9	1539.1	1535.9	1539.1	1534.4	1532.8	1531.3	1525.1	1520.4	1508.0
30°	1501.8	1498.7	1501.8	1498.7	1495.6	1492.4	1484.7	1481.6	1487.8	1484.7	1464.5
32.5°	1455.2	1452.1	1455.2	1455.2	1452.1	1452.1	1439.7	1435.0	1436.6	1445.9	1427.2
35°	1407.0	1402.4	1407.0	1405.5	1407.0	1402.4	1394.6	1393.1	1386.8	1397.7	1383.8
37.5°	1351.1	1346.4	1351.1	1351.1	1351.1	1354.2	1348.0	1343.4	1334.1	1348.0	1337.2
40°	1293.7	1287.4	1293.7	1292.1	1293.7	1296.8	1293.7	1290.6	1281.3	1292.1	1282.8
42.5°	1228.4	1226.9	1228.4	1230.0	1230.0	1236.2	1240.9	1234.7	1231.5	1223.7	1230.0
45°	1158.6	1155.5	1158.6	1161.7	1163.2	1166.3	1180.3	1180.3	1175.7	1163.2	1172.5
47.5°	1084.0	1076.3	1084.0	1093.3	1093.3	1098.0	1112.0	1122.8	1115.1	1099.6	1104.2
50°	1004.8	1006.3	1004.8	1011.0	1011.0	1028.1	1039.0	1049.8	1057.6	1039.0	1017.3
52.5°	927.1	925.6	927.1	931.8	938.1	945.8	964.4	975.3	987.7	976.9	942.7
55°	849.5	852.6	849.5	851.1	854.2	858.9	886.8	897.7	920.9	907.0	871.3
57.5°	771.9	767.2	771.9	775.0	776.6	781.1	804.5	824.6	838.7	840.1	796.7
60°	681.8	675.6	681.8	695.8	698.8	701.9	723.7	742.3	754.8	759.4	714.4
62.5°	602.6	591.7	602.6	611.9	618.1	625.9	641.4	669.4	680.2	681.8	618.1
65°	518.7	514.1	518.7	537.3	538.9	548.2	565.3	585.5	608.8	605.7	514.1
67.5°	442.6	442.6	442.6	455.1	464.4	469.0	490.8	500.1	529.6	532.7	428.7
70°	372.8	371.2	372.8	382.0	388.3	399.1	419.3	430.2	453.5	461.2	347.9
72.5°	306.0	304.4	306.0	313.7	319.9	329.3	346.3	358.7	378.9	388.3	270.3
75°	247.0	243.8	247.0	253.1	251.6	264.0	278.0	290.5	309.1	315.2	200.3
77.5°	189.5	189.5	189.5	195.7	195.7	208.1	214.3	229.9	240.7	250.1	147.6
80°	141.3	139.8	141.3	142.9	142.9	149.1	160.0	170.9	180.1	180.1	100.9
82.5°	99.4	96.3	99.4	99.4	99.4	102.5	108.7	111.8	118.0	122.7	63.7
85°	62.1	62.1	62.1	63.7	62.1	65.2	66.8	69.9	69.9	66.8	38.8
87.5°	40.4	38.8	40.4	38.8	38.8	37.3	37.3	37.3	35.7	34.1	21.7
90°	7.2	7.2	7.2	7.2	7.2	9.5	12.8	14.4	12.4	8.4	5.3
92.5°	28.8	23.0	28.8	34.5	36.0	50.9	70.9	80.9	71.0	51.3	36.5
95°	100.3	83.1	100.3	117.6	122.0	160.1	211.1	236.6	199.8	126.3	71.1
97.5°	240.4	207.5	240.4	273.4	281.6	305.8	338.0	354.0	292.7	170.0	78.1
100°	346.4	307.2	346.4	385.7	395.5	393.8	391.4	390.2	322.1	186.0	84.0
102.5°	450.7	417.1	450.7	484.3	492.7	462.0	420.9	400.4	331.4	193.4	89.8
105°	583.7	565.6	583.7	601.7	606.2	537.2	445.3	399.3	332.5	198.8	98.6
107.5°	670.7	675.1	670.7	666.3	665.2	569.1	440.8	376.6	317.7	199.8	111.4
110°	703.9	722.7	703.9	685.1	680.4	572.8	429.4	357.7	304.6	198.3	118.6



TEST NUMBER: P934560

CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	706.9	735.8	706.9	678.0	670.7	560.6	413.9	340.5	293.1	198.3	127.3
115°	688.1	728.2	688.1	648.0	638.0	531.9	390.5	319.8	279.9	200.1	140.3
117.5°	648.4	692.9	648.4	603.8	592.7	497.0	369.5	305.7	271.7	203.9	153.0
120°	616.3	659.5	616.3	573.2	562.4	474.9	358.3	300.0	269.0	206.9	160.4
122.5°	585.2	627.8	585.2	542.5	531.9	453.2	348.1	295.6	267.5	211.3	169.1
125°	540.6	579.9	540.6	501.4	491.6	424.7	335.5	290.9	266.3	217.1	180.2
127.5°	500.6	533.7	500.6	467.5	459.2	401.8	325.2	287.0	265.7	223.0	191.1
130°	477.1	507.7	477.1	446.5	438.8	387.7	319.5	285.4	266.0	227.3	198.2
132.5°	455.6	483.1	455.6	428.3	421.4	375.6	314.6	284.1	266.3	230.8	204.1
135°	426.4	449.9	426.4	402.7	396.8	358.5	307.3	281.8	266.0	234.6	210.9
137.5°	402.8	422.1	402.8	383.5	378.6	346.2	303.0	281.5	267.7	240.3	219.6
140°	386.7	404.8	386.7	368.6	364.1	336.2	298.8	280.1	268.0	243.6	225.5
142.5°	373.3	388.9	373.3	357.7	353.9	329.3	296.5	280.1	268.9	246.6	229.8
145°	353.3	365.1	353.3	341.5	338.5	318.4	291.6	278.2	269.0	250.3	236.4
147.5°	337.9	347.6	337.9	328.2	325.7	309.9	288.8	278.2	270.8	255.9	244.7
150°	328.3	336.2	328.3	320.4	318.3	305.0	287.1	278.2	271.7	258.8	249.1
152.5°	319.9	325.9	319.9	313.9	312.5	301.1	285.9	278.2	272.4	260.7	251.9
155°	310.5	314.4	310.5	306.5	305.5	296.4	284.3	278.2	273.7	264.8	258.1
157.5°	302.9	305.7	302.9	300.2	299.4	292.4	282.9	278.2	275.1	269.0	264.4
160°	298.4	300.0	298.4	296.8	296.4	290.4	282.3	278.2	275.8	270.9	267.2
162.5°	295.5	297.0	295.5	293.9	293.6	288.4	281.6	278.2	276.5	272.9	270.3
165°	291.2	292.8	291.2	289.5	289.2	285.5	280.6	278.2	277.4	275.9	274.7
167.5°	288.2	288.8	288.2	287.5	287.3	284.9	281.7	280.1	279.4	278.1	277.1
170°	287.3	287.3	287.3	287.3	287.3	284.9	281.7	280.1	280.1	280.0	279.9
172.5°	285.0	284.5	285.0	285.6	285.8	283.8	281.4	280.1	280.1	280.1	280.1
175°	283.8	283.8	283.8	283.8	283.8	282.6	280.9	280.1	280.4	281.3	281.8
177.5°	282.6	281.8	282.6	283.2	283.4	282.5	281.2	280.5	280.8	281.4	281.8
180°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8



TEST NUMBER: P934560

CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1664.9	1655.5	1655.5	1640.0	1633.8	1629.1	1621.4	1598.1	1591.8	1585.7	1595.0
5°	1678.8	1661.8	1649.3	1621.4	1598.1	1588.7	1559.3	1503.4	1466.1	1438.1	1422.6
7.5°	1682.0	1660.2	1636.9	1593.4	1537.5	1512.6	1422.6	1320.1	1292.1	1267.2	1251.7
10°	1678.8	1654.0	1621.4	1556.1	1424.2	1380.7	1290.6	1223.7	1206.7	1202.1	1206.7
12.5°	1668.0	1644.7	1599.6	1490.9	1306.1	1276.6	1223.7	1184.9	1181.9	1189.6	1231.5
15°	1649.3	1627.6	1574.8	1404.0	1240.9	1219.2	1181.9	1167.9	1184.9	1239.3	1365.2
17.5°	1630.7	1605.9	1540.6	1318.5	1191.2	1175.7	1149.2	1177.2	1273.5	1346.4	1388.4
20°	1605.9	1576.3	1501.8	1256.4	1155.5	1141.5	1129.0	1254.9	1327.8	1354.2	1377.6
22.5°	1576.3	1545.3	1448.9	1212.9	1118.2	1107.3	1115.1	1298.4	1327.8	1346.4	1366.6
25°	1537.5	1511.1	1386.8	1178.8	1088.7	1076.3	1105.7	1293.7	1310.7	1315.4	1355.8
27.5°	1501.8	1467.6	1321.7	1147.7	1053.0	1048.3	1113.5	1273.5	1285.9	1290.6	1334.1
30°	1458.3	1407.0	1248.6	1115.1	1015.7	1014.1	1115.1	1248.6	1245.5	1258.0	1301.5
32.5°	1413.3	1317.0	1166.3	1074.7	980.0	978.4	1104.2	1211.4	1208.2	1225.3	1258.0
35°	1371.3	1247.1	1054.5	1028.1	934.9	936.5	1077.8	1167.9	1169.4	1184.9	1205.1
37.5°	1327.8	1186.5	931.8	976.9	891.4	891.4	1042.0	1127.5	1124.4	1129.0	1157.0
40°	1276.6	1091.8	823.1	910.1	851.1	846.4	998.6	1084.0	1073.2	1071.6	1110.4
42.5°	1222.3	987.7	742.3	821.5	804.5	798.3	945.8	1031.2	1011.0	1015.7	1065.4
45°	1163.2	959.8	680.2	694.2	756.4	751.7	888.3	970.6	956.7	969.1	1020.4
47.5°	1104.2	903.8	660.0	576.2	705.1	703.5	824.6	911.6	903.8	916.3	970.6
50°	1023.4	841.7	658.4	493.9	647.6	653.9	748.6	854.2	854.2	865.0	922.5
52.5°	919.4	765.6	597.9	447.3	580.8	599.4	681.8	804.5	807.6	818.5	869.7
55°	824.6	686.4	554.5	411.6	501.6	542.0	616.6	753.2	759.4	770.3	816.9
57.5°	737.7	571.5	545.1	369.6	428.7	467.5	559.1	703.5	706.6	716.0	761.0
60°	644.5	413.1	500.1	324.6	365.0	394.4	506.3	644.5	655.4	661.6	700.4
62.5°	538.9	299.7	453.5	293.5	333.9	340.1	462.8	588.6	602.6	607.2	630.5
65°	383.6	251.6	385.2	267.1	301.3	302.8	416.2	531.2	543.6	551.4	568.4
67.5°	259.3	205.0	293.5	242.3	276.4	278.0	371.2	464.4	481.4	487.7	498.5
70°	180.1	136.6	217.4	215.8	248.5	251.6	323.0	403.8	419.3	424.0	430.2
72.5°	132.0	110.3	180.1	194.1	219.0	222.1	273.3	335.4	351.0	355.6	358.7
75°	100.9	116.5	146.0	169.3	186.4	187.9	223.6	273.3	284.2	287.3	288.9
77.5°	80.8	108.7	107.2	136.6	152.2	149.1	175.5	211.3	220.5	220.5	220.5
80°	60.6	85.4	80.8	97.8	111.8	108.7	125.8	150.7	153.7	156.8	155.3
82.5°	45.1	54.3	54.3	62.1	74.5	71.4	83.9	97.8	97.8	97.8	100.9
85°	28.0	31.0	24.9	32.6	41.9	40.4	46.6	52.8	54.3	54.3	51.2
87.5°	17.1	13.9	7.8	12.4	18.6	18.6	21.7	23.3	21.7	21.7	21.7
90°	5.0	3.4	1.9	3.4	5.0	5.3	8.4	12.4	14.4	12.8	9.5
92.5°	33.3	20.4	7.5	20.4	33.3	36.5	51.3	71.0	80.9	70.9	50.9
95°	65.2	41.7	18.2	41.7	65.2	71.1	126.3	199.8	236.6	211.1	160.1
97.5°	72.9	52.1	31.4	52.1	72.9	78.1	170.0	292.7	354.0	338.0	305.8
100°	79.3	60.4	41.6	60.4	79.3	84.0	186.0	322.1	390.2	391.4	393.8
102.5°	85.4	67.9	50.3	67.9	85.4	89.8	193.4	331.4	400.4	420.9	462.0
105°	94.8	79.9	65.1	79.9	94.8	98.6	198.8	332.5	399.3	445.3	537.2
107.5°	107.9	94.1	80.2	94.1	107.9	111.4	199.8	317.7	376.6	440.8	569.1
110°	115.4	102.9	90.4	102.9	115.4	118.6	198.3	304.6	357.7	429.4	572.8



TEST NUMBER: P934560

CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	124.3	112.3	100.4	112.3	124.3	127.3	198.3	293.1	340.5	413.9	560.6
115°	137.6	126.6	115.5	126.6	137.6	140.3	200.1	279.9	319.8	390.5	531.9
117.5°	150.5	140.5	130.5	140.5	150.5	153.0	203.9	271.7	305.7	369.5	497.0
120°	158.0	148.7	139.2	148.7	158.0	160.4	206.9	269.0	300.0	358.3	474.9
122.5°	166.7	157.3	147.7	157.3	166.7	169.1	211.3	267.5	295.6	348.1	453.2
125°	178.0	169.4	160.8	169.4	178.0	180.2	217.1	266.3	290.9	335.5	424.7
127.5°	188.9	180.1	171.3	180.1	188.9	191.1	223.0	265.7	287.0	325.2	401.8
130°	195.8	186.5	177.0	186.5	195.8	198.2	227.3	266.0	285.4	319.5	387.7
132.5°	201.7	192.3	182.9	192.3	201.7	204.1	230.8	266.3	284.1	314.6	375.6
135°	208.8	200.1	191.6	200.1	208.8	210.9	234.6	266.0	281.8	307.3	358.5
137.5°	217.5	209.0	200.5	209.0	217.5	219.6	240.3	267.7	281.5	303.0	346.2
140°	223.6	215.7	207.9	215.7	223.6	225.5	243.6	268.0	280.1	298.8	336.2
142.5°	228.0	220.8	213.5	220.8	228.0	229.8	246.6	268.9	280.1	296.5	329.3
145°	234.8	228.5	222.3	228.5	234.8	236.4	250.3	269.0	278.2	291.6	318.4
147.5°	243.2	237.1	231.0	237.1	243.2	244.7	255.9	270.8	278.2	288.8	309.9
150°	247.7	242.1	236.6	242.1	247.7	249.1	258.8	271.7	278.2	287.1	305.0
152.5°	250.9	246.7	242.5	246.7	250.9	251.9	260.7	272.4	278.2	285.9	301.1
155°	257.4	254.3	251.2	254.3	257.4	258.1	264.8	273.7	278.2	284.3	296.4
157.5°	263.7	260.6	257.6	260.6	263.7	264.4	269.0	275.1	278.2	282.9	292.4
160°	266.7	264.3	262.0	264.3	266.7	267.2	270.9	275.8	278.2	282.3	290.4
162.5°	269.8	268.1	266.3	268.1	269.8	270.3	272.9	276.5	278.2	281.6	288.4
165°	274.3	272.6	271.1	272.6	274.3	274.7	275.9	277.4	278.2	280.6	285.5
167.5°	276.9	276.1	275.4	276.1	276.9	277.1	278.1	279.4	280.1	281.7	284.9
170°	279.7	279.0	278.2	279.0	279.7	279.9	280.0	280.1	280.1	281.7	284.9
172.5°	280.1	279.9	279.7	279.9	280.1	280.1	280.1	280.1	280.1	281.4	283.8
175°	281.8	281.8	281.8	281.8	281.8	281.8	281.3	280.4	280.1	280.9	282.6
177.5°	281.8	281.8	281.8	281.8	281.8	281.8	281.4	280.8	280.5	281.2	282.5
180°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8



TEST NUMBER: P934560

CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1584.1	1579.4	1585.7	1568.5	1585.7	1579.4	1584.1	1595.0	1585.7	1591.8	1598.1
5°	1389.9	1382.2	1357.4	1337.2	1357.4	1382.2	1389.9	1422.6	1438.1	1466.1	1503.4
7.5°	1242.5	1236.2	1230.0	1217.6	1230.0	1236.2	1242.5	1251.7	1267.2	1292.1	1320.1
10°	1209.8	1211.4	1220.7	1219.2	1220.7	1211.4	1209.8	1206.7	1202.1	1206.7	1223.7
12.5°	1293.7	1307.6	1358.9	1355.8	1358.9	1307.6	1293.7	1231.5	1189.6	1181.9	1184.9
15°	1389.9	1394.6	1405.5	1407.0	1405.5	1394.6	1389.9	1365.2	1239.3	1184.9	1167.9
17.5°	1399.3	1400.9	1408.6	1408.6	1408.6	1400.9	1399.3	1388.4	1346.4	1273.5	1177.2
20°	1391.5	1394.6	1410.1	1413.3	1410.1	1394.6	1391.5	1377.6	1354.2	1327.8	1254.9
22.5°	1388.4	1394.6	1407.0	1405.5	1407.0	1394.6	1388.4	1366.6	1346.4	1327.8	1298.4
25°	1372.9	1372.9	1374.4	1376.0	1374.4	1372.9	1372.9	1355.8	1315.4	1310.7	1293.7
27.5°	1340.3	1343.4	1352.7	1351.1	1352.7	1343.4	1340.3	1334.1	1290.6	1285.9	1273.5
30°	1310.7	1307.6	1299.9	1293.7	1299.9	1307.6	1310.7	1301.5	1258.0	1245.5	1248.6
32.5°	1261.1	1253.3	1245.5	1240.9	1245.5	1253.3	1261.1	1258.0	1225.3	1208.2	1211.4
35°	1202.1	1203.6	1202.1	1197.4	1202.1	1203.6	1202.1	1205.1	1184.9	1169.4	1167.9
37.5°	1160.2	1163.2	1161.7	1155.5	1161.7	1163.2	1160.2	1157.0	1129.0	1124.4	1127.5
40°	1116.7	1118.2	1116.7	1112.0	1116.7	1118.2	1116.7	1110.4	1071.6	1073.2	1084.0
42.5°	1074.7	1073.2	1068.5	1065.4	1068.5	1073.2	1074.7	1065.4	1015.7	1011.0	1031.2
45°	1026.5	1028.1	1018.8	1014.1	1018.8	1028.1	1026.5	1020.4	969.1	956.7	970.6
47.5°	978.4	978.4	970.6	966.0	970.6	978.4	978.4	970.6	916.3	903.8	911.6
50°	927.1	925.6	914.8	913.2	914.8	925.6	927.1	922.5	865.0	854.2	854.2
52.5°	868.1	868.1	869.7	872.8	869.7	868.1	868.1	869.7	818.5	807.6	804.5
55°	816.9	818.5	829.3	832.4	829.3	818.5	816.9	816.9	770.3	759.4	753.2
57.5°	764.1	764.1	771.9	771.9	771.9	764.1	764.1	761.0	716.0	706.6	703.5
60°	703.5	706.6	712.9	711.3	712.9	706.6	703.5	700.4	661.6	655.4	644.5
62.5°	639.8	642.9	644.5	641.4	644.5	642.9	639.8	630.5	607.2	602.6	588.6
65°	573.1	576.2	577.7	574.7	577.7	576.2	573.1	568.4	551.4	543.6	531.2
67.5°	504.7	503.2	501.6	507.9	501.6	503.2	504.7	498.5	487.7	481.4	464.4
70°	434.8	434.8	433.3	436.4	433.3	434.8	434.8	430.2	424.0	419.3	403.8
72.5°	360.3	358.7	365.0	360.3	365.0	358.7	360.3	358.7	355.6	351.0	335.4
75°	287.3	290.5	287.3	292.0	287.3	290.5	287.3	288.9	287.3	284.2	273.3
77.5°	219.0	222.1	219.0	219.0	219.0	222.1	219.0	220.5	220.5	220.5	211.3
80°	155.3	153.7	153.7	152.2	153.7	153.7	155.3	155.3	156.8	153.7	150.7
82.5°	99.4	97.8	97.8	100.9	97.8	97.8	99.4	100.9	97.8	97.8	97.8
85°	54.3	55.9	52.8	52.8	52.8	55.9	54.3	51.2	54.3	54.3	52.8
87.5°	20.2	18.6	18.6	18.6	18.6	18.6	20.2	21.7	21.7	21.7	23.3
90°	7.2	7.2	7.2	7.2	7.2	7.2	7.2	9.5	12.8	14.4	12.4
92.5°	36.0	34.5	28.8	23.0	28.8	34.5	36.0	50.9	70.9	80.9	71.0
95°	122.0	117.6	100.3	83.1	100.3	117.6	122.0	160.1	211.1	236.6	199.8
97.5°	281.6	273.4	240.4	207.5	240.4	273.4	281.6	305.8	338.0	354.0	292.7
100°	395.5	385.7	346.4	307.2	346.4	385.7	395.5	393.8	391.4	390.2	322.1
102.5°	492.7	484.3	450.7	417.1	450.7	484.3	492.7	462.0	420.9	400.4	331.4
105°	606.2	601.7	583.7	565.6	583.7	601.7	606.2	537.2	445.3	399.3	332.5
107.5°	665.2	666.3	670.7	675.1	670.7	666.3	665.2	569.1	440.8	376.6	317.7
110°	680.4	685.1	703.9	722.7	703.9	685.1	680.4	572.8	429.4	357.7	304.6



TEST NUMBER: P934560

CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	670.7	678.0	706.9	735.8	706.9	678.0	670.7	560.6	413.9	340.5	293.1
115°	638.0	648.0	688.1	728.2	688.1	648.0	638.0	531.9	390.5	319.8	279.9
117.5°	592.7	603.8	648.4	692.9	648.4	603.8	592.7	497.0	369.5	305.7	271.7
120°	562.4	573.2	616.3	659.5	616.3	573.2	562.4	474.9	358.3	300.0	269.0
122.5°	531.9	542.5	585.2	627.8	585.2	542.5	531.9	453.2	348.1	295.6	267.5
125°	491.6	501.4	540.6	579.9	540.6	501.4	491.6	424.7	335.5	290.9	266.3
127.5°	459.2	467.5	500.6	533.7	500.6	467.5	459.2	401.8	325.2	287.0	265.7
130°	438.8	446.5	477.1	507.7	477.1	446.5	438.8	387.7	319.5	285.4	266.0
132.5°	421.4	428.3	455.6	483.1	455.6	428.3	421.4	375.6	314.6	284.1	266.3
135°	396.8	402.7	426.4	449.9	426.4	402.7	396.8	358.5	307.3	281.8	266.0
137.5°	378.6	383.5	402.8	422.1	402.8	383.5	378.6	346.2	303.0	281.5	267.7
140°	364.1	368.6	386.7	404.8	386.7	368.6	364.1	336.2	298.8	280.1	268.0
142.5°	353.9	357.7	373.3	388.9	373.3	357.7	353.9	329.3	296.5	280.1	268.9
145°	338.5	341.5	353.3	365.1	353.3	341.5	338.5	318.4	291.6	278.2	269.0
147.5°	325.7	328.2	337.9	347.6	337.9	328.2	325.7	309.9	288.8	278.2	270.8
150°	318.3	320.4	328.3	336.2	328.3	320.4	318.3	305.0	287.1	278.2	271.7
152.5°	312.5	313.9	319.9	325.9	319.9	313.9	312.5	301.1	285.9	278.2	272.4
155°	305.5	306.5	310.5	314.4	310.5	306.5	305.5	296.4	284.3	278.2	273.7
157.5°	299.4	300.2	302.9	305.7	302.9	300.2	299.4	292.4	282.9	278.2	275.1
160°	296.4	296.8	298.4	300.0	298.4	296.8	296.4	290.4	282.3	278.2	275.8
162.5°	293.6	293.9	295.5	297.0	295.5	293.9	293.6	288.4	281.6	278.2	276.5
165°	289.2	289.5	291.2	292.8	291.2	289.5	289.2	285.5	280.6	278.2	277.4
167.5°	287.3	287.5	288.2	288.8	288.2	287.5	287.3	284.9	281.7	280.1	279.4
170°	287.3	287.3	287.3	287.3	287.3	287.3	287.3	284.9	281.7	280.1	280.1
172.5°	285.8	285.6	285.0	284.5	285.0	285.6	285.8	283.8	281.4	280.1	280.1
175°	283.8	283.8	283.8	283.8	283.8	283.8	283.8	282.6	280.9	280.1	280.4
177.5°	283.4	283.2	282.6	281.8	282.6	283.2	283.4	282.5	281.2	280.5	280.8
180°	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8



TEST NUMBER: P934560
 CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1641.6	1641.6	1641.6	1641.6	1641.6
2.5°	1621.4	1629.1	1633.8	1640.0	1655.5
5°	1559.3	1588.7	1598.1	1621.4	1649.3
7.5°	1422.6	1512.6	1537.5	1593.4	1636.9
10°	1290.6	1380.7	1424.2	1556.1	1621.4
12.5°	1223.7	1276.6	1306.1	1490.9	1599.6
15°	1181.9	1219.2	1240.9	1404.0	1574.8
17.5°	1149.2	1175.7	1191.2	1318.5	1540.6
20°	1129.0	1141.5	1155.5	1256.4	1501.8
22.5°	1115.1	1107.3	1118.2	1212.9	1448.9
25°	1105.7	1076.3	1088.7	1178.8	1386.8
27.5°	1113.5	1048.3	1053.0	1147.7	1321.7
30°	1115.1	1014.1	1015.7	1115.1	1248.6
32.5°	1104.2	978.4	980.0	1074.7	1166.3
35°	1077.8	936.5	934.9	1028.1	1054.5
37.5°	1042.0	891.4	891.4	976.9	931.8
40°	998.6	846.4	851.1	910.1	823.1
42.5°	945.8	798.3	804.5	821.5	742.3
45°	888.3	751.7	756.4	694.2	680.2
47.5°	824.6	703.5	705.1	576.2	660.0
50°	748.6	653.9	647.6	493.9	658.4
52.5°	681.8	599.4	580.8	447.3	597.9
55°	616.6	542.0	501.6	411.6	554.5
57.5°	559.1	467.5	428.7	369.6	545.1
60°	506.3	394.4	365.0	324.6	500.1
62.5°	462.8	340.1	333.9	293.5	453.5
65°	416.2	302.8	301.3	267.1	385.2
67.5°	371.2	278.0	276.4	242.3	293.5
70°	323.0	251.6	248.5	215.8	217.4
72.5°	273.3	222.1	219.0	194.1	180.1
75°	223.6	187.9	186.4	169.3	146.0
77.5°	175.5	149.1	152.2	136.6	107.2
80°	125.8	108.7	111.8	97.8	80.8
82.5°	83.9	71.4	74.5	62.1	54.3
85°	46.6	40.4	41.9	32.6	24.9
87.5°	21.7	18.6	18.6	12.4	7.8
90°	8.4	5.3	5.0	3.4	1.9
92.5°	51.3	36.5	33.3	20.4	7.5
95°	126.3	71.1	65.2	41.7	18.2
97.5°	170.0	78.1	72.9	52.1	31.4
100°	186.0	84.0	79.3	60.4	41.6
102.5°	193.4	89.8	85.4	67.9	50.3
105°	198.8	98.6	94.8	79.9	65.1
107.5°	199.8	111.4	107.9	94.1	80.2
110°	198.3	118.6	115.4	102.9	90.4



TEST NUMBER: P934560

CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	198.3	127.3	124.3	112.3	100.4
115°	200.1	140.3	137.6	126.6	115.5
117.5°	203.9	153.0	150.5	140.5	130.5
120°	206.9	160.4	158.0	148.7	139.2
122.5°	211.3	169.1	166.7	157.3	147.7
125°	217.1	180.2	178.0	169.4	160.8
127.5°	223.0	191.1	188.9	180.1	171.3
130°	227.3	198.2	195.8	186.5	177.0
132.5°	230.8	204.1	201.7	192.3	182.9
135°	234.6	210.9	208.8	200.1	191.6
137.5°	240.3	219.6	217.5	209.0	200.5
140°	243.6	225.5	223.6	215.7	207.9
142.5°	246.6	229.8	228.0	220.8	213.5
145°	250.3	236.4	234.8	228.5	222.3
147.5°	255.9	244.7	243.2	237.1	231.0
150°	258.8	249.1	247.7	242.1	236.6
152.5°	260.7	251.9	250.9	246.7	242.5
155°	264.8	258.1	257.4	254.3	251.2
157.5°	269.0	264.4	263.7	260.6	257.6
160°	270.9	267.2	266.7	264.3	262.0
162.5°	272.9	270.3	269.8	268.1	266.3
165°	275.9	274.7	274.3	272.6	271.1
167.5°	278.1	277.1	276.9	276.1	275.4
170°	280.0	279.9	279.7	279.0	278.2
172.5°	280.1	280.1	280.1	279.9	279.7
175°	281.3	281.8	281.8	281.8	281.8
177.5°	281.4	281.8	281.8	281.8	281.8
180°	281.8	281.8	281.8	281.8	281.8



TEST NUMBER: P934560
 CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-5000K

CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	15.92	17.00	16.69	17.78	18.74	18.72	19.79	19.48	20.58	21.54
	3H	16.42	17.38	17.19	18.18	19.16	20.07	21.04	20.85	21.83	22.82
	4H	16.62	17.53	17.41	18.33	19.33	20.52	21.43	21.32	22.24	23.23
	6H	16.75	17.59	17.56	18.40	19.41	20.81	21.65	21.62	22.46	23.47
	8H	16.75	17.55	17.57	18.39	19.40	20.88	21.68	21.70	22.52	23.53
	12H	16.73	17.50	17.56	18.32	19.36	20.93	21.69	21.75	22.51	23.55
4H	2H	16.97	17.88	17.77	18.69	19.69	19.16	20.07	19.96	20.87	21.87
	3H	18.02	18.78	18.83	19.62	20.63	20.67	21.43	21.48	22.27	23.28
	4H	18.31	18.99	19.13	19.83	20.87	21.20	21.89	22.03	22.73	23.77
	6H	18.44	19.04	19.29	19.90	20.95	21.57	22.17	22.42	23.03	24.08
	8H	18.45	19.01	19.30	19.87	20.93	21.68	22.24	22.53	23.09	24.15
	12H	18.43	18.93	19.30	19.81	20.87	21.74	22.24	22.61	23.12	24.18
8H	4H	18.77	19.33	19.62	20.19	21.24	21.35	21.90	22.19	22.76	23.82
	6H	19.04	19.50	19.92	20.40	21.46	21.78	22.24	22.66	23.14	24.20
	8H	19.09	19.50	19.97	20.39	21.46	21.93	22.34	22.82	23.24	24.31
	12H	19.08	19.44	19.97	20.33	21.45	22.03	22.40	22.92	23.28	24.41
12H	4H	18.79	19.29	19.65	20.17	21.23	21.32	21.82	22.19	22.70	23.76
	6H	19.10	19.51	19.99	20.41	21.48	21.78	22.19	22.67	23.09	24.16
	8H	19.18	19.54	20.07	20.43	21.55	21.95	22.31	22.84	23.20	24.32