

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: P934583

Luminaire Tested: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-4-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934583
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-B2750-1D-UNV-STD-W-4-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

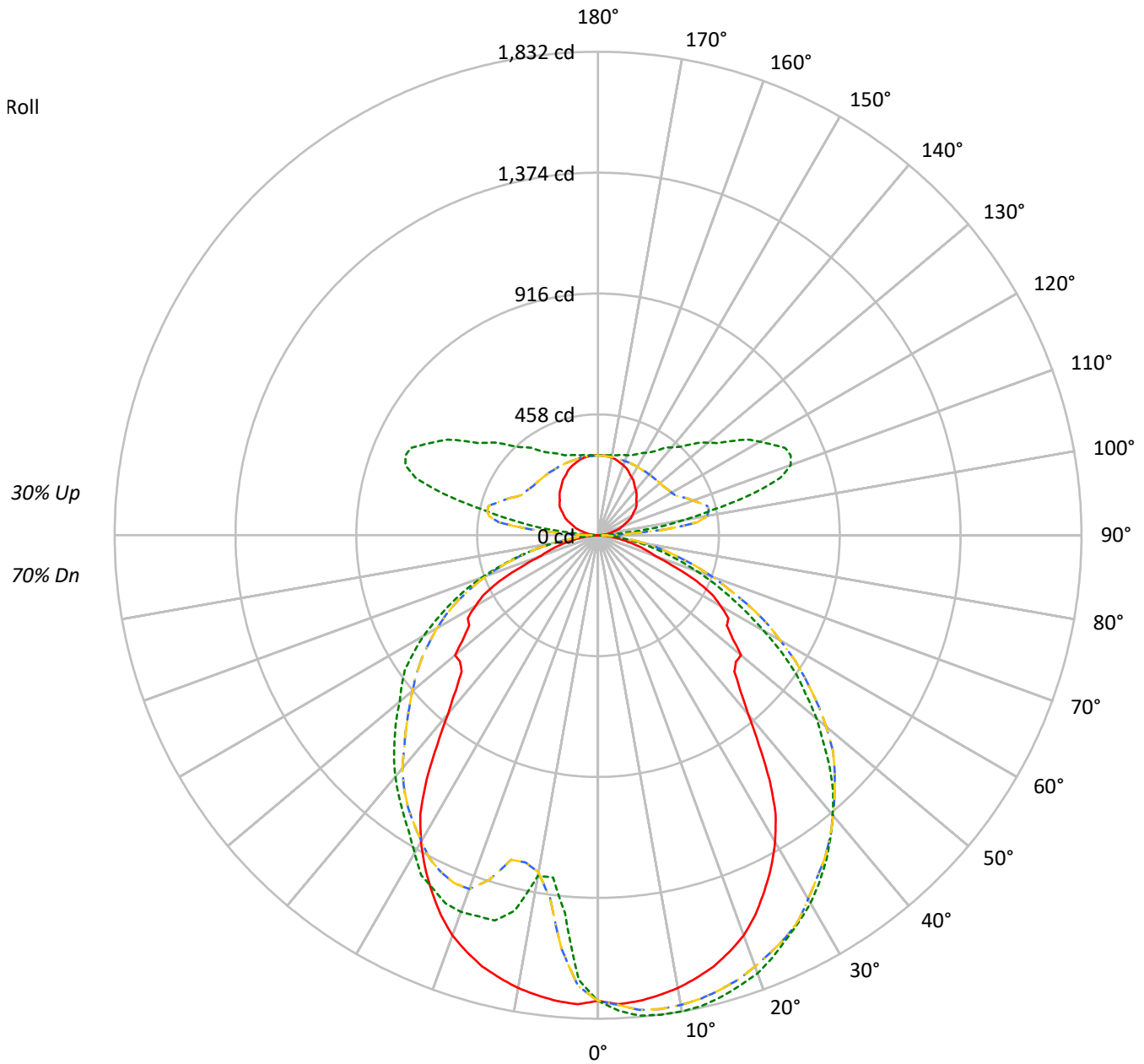
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6537.1 lumens
Efficiency: N/A
Efficacy: 116.7 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: P934583
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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	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	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	63	59
2	93	86	79	74	88	81	76	71	73	68	65	65	62	59	58	56	53	53	53	53	50
3	85	75	68	62	80	71	65	59	64	59	54	58	53	50	52	48	45	45	45	45	42
4	78	67	58	52	73	63	56	50	57	51	46	51	47	43	46	42	39	39	39	39	36
5	72	60	51	45	67	57	49	43	51	45	40	46	41	37	41	37	34	34	34	34	31
6	66	53	45	39	62	51	43	38	46	40	35	42	36	32	38	33	30	30	30	30	27
7	61	48	40	34	58	46	39	33	42	36	31	38	33	29	34	30	27	27	27	27	24
8	57	44	36	30	54	42	35	29	38	32	28	35	30	26	31	27	24	24	24	24	22
9	53	40	32	27	50	38	31	26	35	29	25	32	27	23	29	25	21	21	21	21	19
10	49	37	30	25	47	35	28	24	32	26	22	30	25	21	27	23	19	19	19	19	18

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16367	16367	16367	16367
5°	16470	16521	16470	12991
10°	16343	16274	16343	11635
15°	16146	15922	16146	13294
20°	15790	15504	15790	13322
25°	15080	14894	15080	13040
30°	14170	14388	14170	12421
35°	12614	13749	12614	11739
40°	10492	12996	10492	11224
45°	9356	12115	9356	10632
50°	9918	11062	9918	10039
55°	9305	9930	9305	9695
60°	9558	8434	9558	8879
65°	8623	6973	8623	7793
70°	5930	5556	5930	6531
75°	5145	4107	5145	4918
80°	4062	2716	4062	2956
85°	2211	1439	2211	1222

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14369 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	159.2	2.4
10°-20°	452.0	6.9
20°-30°	698.8	10.7
30°-40°	834.2	12.8
40°-50°	839.1	12.8
50°-60°	730.1	11.2
60°-70°	517.6	7.9
70°-80°	273.9	4.2
80°-90°	69.4	1.1
90°-100°	147.6	2.3
100°-110°	388.1	5.9
110°-120°	402.4	6.2
120°-130°	322.8	4.9
130°-140°	253.2	3.9
140°-150°	194.4	3.0
150°-160°	140.0	2.1
160°-170°	85.6	1.3
170°-180°	28.9	0.4
0°-30°	1310.0	20.0
0°-40°	2144.2	32.8
0°-60°	3713.3	56.8
0°-90°	4574.2	70.0
90°-120°	938.0	14.3
90°-150°	1708.4	26.1
90°-180°	1963.0	30.0
0°-180°	6537.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1764	1764	1764	1764	1764	
5°	1772	1827	1772	1437	1772	168
15°	1692	1810	1692	1512	1692	476
25°	1490	1689	1490	1478	1490	684
35°	1133	1507	1133	1286	1133	701
45°	731	1242	731	1090	731	585
55°	596	916	596	894	596	547
65°	414	552	414	617	414	395
75°	157	262	157	314	157	165
85°	27	67	27	57	27	36
90°	2	8	2	8	2	3
95°	20	89	20	89	20	22
105°	70	608	70	608	70	74
115°	124	782	124	782	124	123
125°	173	623	173	623	173	153
135°	206	483	206	483	206	159
145°	239	392	239	392	239	150
155°	270	338	270	338	270	124
165°	291	315	291	315	291	82
175°	303	305	303	305	303	29
180°	303	303	303	303	303	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8
2.5°	1778.7	1778.7	1788.8	1792.2	1792.2	1787.1	1782.1	1787.1	1802.1	1807.1	1805.5
5°	1772.0	1785.4	1803.8	1807.1	1810.5	1808.8	1805.5	1808.8	1825.5	1828.8	1830.5
7.5°	1758.7	1783.8	1807.1	1812.2	1817.1	1812.2	1810.5	1813.8	1830.5	1833.9	1833.9
10°	1742.1	1777.1	1803.8	1807.1	1812.2	1807.1	1807.1	1813.8	1830.5	1833.9	1835.5
12.5°	1718.7	1767.1	1792.2	1795.4	1802.1	1800.4	1798.8	1805.5	1822.1	1825.5	1825.5
15°	1692.0	1748.8	1772.0	1775.4	1787.1	1783.8	1783.8	1790.5	1808.8	1813.8	1812.2
17.5°	1655.3	1725.4	1752.0	1757.1	1765.4	1763.8	1765.4	1772.0	1788.8	1792.2	1793.7
20°	1613.6	1693.7	1725.4	1730.3	1738.7	1738.7	1738.7	1747.1	1763.8	1770.5	1770.5
22.5°	1556.8	1660.3	1693.7	1697.0	1707.0	1707.0	1710.3	1722.0	1737.0	1738.7	1738.7
25°	1490.0	1623.5	1651.9	1662.0	1672.0	1677.0	1682.0	1688.6	1693.7	1692.0	1693.7
27.5°	1420.0	1576.8	1613.6	1620.2	1633.6	1638.6	1645.2	1646.9	1648.6	1653.6	1650.3
30°	1341.6	1511.7	1566.9	1573.6	1595.2	1598.5	1591.9	1595.2	1603.5	1606.9	1610.2
32.5°	1253.1	1415.0	1518.4	1533.4	1553.5	1543.5	1541.8	1546.8	1560.1	1560.1	1563.5
35°	1133.0	1339.9	1473.4	1486.8	1501.8	1490.0	1496.7	1498.4	1506.8	1511.7	1510.2
37.5°	1001.2	1274.8	1426.6	1436.7	1448.3	1433.3	1443.4	1448.3	1455.0	1451.7	1451.7
40°	884.3	1173.0	1371.6	1378.3	1388.3	1376.7	1386.6	1390.0	1393.3	1390.0	1388.3
42.5°	797.6	1061.2	1313.3	1321.5	1314.8	1323.2	1326.6	1333.3	1328.2	1321.5	1321.5
45°	730.8	1031.3	1249.8	1259.8	1249.8	1263.2	1268.2	1268.2	1253.1	1249.8	1248.2
47.5°	709.1	971.1	1186.4	1186.4	1181.4	1198.1	1206.4	1194.7	1179.7	1174.7	1174.7
50°	707.5	904.4	1099.6	1093.0	1116.3	1136.4	1128.0	1116.3	1104.6	1086.3	1086.3
52.5°	642.4	822.6	987.9	1012.8	1049.6	1061.2	1047.9	1036.2	1016.2	1007.9	1001.2
55°	595.7	737.5	886.0	936.1	974.5	989.5	964.5	952.8	922.8	917.8	914.4
57.5°	585.7	614.1	792.6	856.0	902.7	901.1	886.0	864.3	839.3	834.4	832.7
60°	537.3	443.9	692.5	767.6	815.9	811.0	797.6	777.6	754.2	750.8	747.6
62.5°	487.3	322.0	579.0	664.1	732.5	730.8	719.2	689.1	672.5	664.1	657.5
65°	413.8	270.4	412.1	552.4	650.8	654.1	629.1	607.4	589.0	579.0	577.3
67.5°	315.3	220.3	278.6	460.6	572.4	569.0	537.3	527.3	503.9	498.9	489.0
70°	233.6	146.8	193.6	373.8	495.6	487.3	462.2	450.5	428.8	417.2	410.5
72.5°	193.6	118.5	141.8	290.4	417.2	407.1	385.4	372.1	353.8	343.7	337.0
75°	156.9	125.1	108.5	215.2	338.7	332.1	312.1	298.7	283.7	270.4	271.9
77.5°	115.2	116.8	86.8	158.5	268.7	258.6	247.0	230.2	223.6	210.2	210.2
80°	86.8	91.8	65.1	108.5	193.6	193.6	183.6	171.9	160.2	153.5	153.5
82.5°	58.4	58.4	48.4	68.4	131.8	126.8	120.1	116.8	110.1	106.8	106.8
85°	26.7	33.3	30.1	41.7	71.8	75.1	75.1	71.8	70.1	66.8	68.4
87.5°	8.4	15.0	18.3	23.4	36.7	38.4	40.0	40.0	40.0	41.7	41.7
90°	2.1	3.6	5.3	5.7	9.0	13.3	15.5	13.7	10.3	7.7	7.7
92.5°	8.1	21.9	35.8	39.2	55.1	76.3	87.0	76.2	54.7	38.7	37.1
95°	19.5	44.8	70.1	76.4	135.7	214.7	254.2	226.8	172.1	131.0	126.4
97.5°	33.7	56.0	78.3	83.9	182.7	314.5	380.4	363.1	328.5	302.6	293.7
100°	44.7	64.9	85.2	90.2	199.9	346.1	419.2	420.5	423.1	425.0	414.4
102.5°	54.0	73.0	91.8	96.5	207.8	356.0	430.2	452.3	496.4	529.4	520.3
105°	69.9	85.9	101.9	105.9	213.6	357.2	429.0	478.4	577.2	651.4	646.5
107.5°	86.2	101.1	116.0	119.7	214.7	341.4	404.7	473.6	611.4	714.8	715.9
110°	97.1	110.5	124.0	127.4	213.1	327.3	384.3	461.3	615.5	731.0	736.0



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CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-4-3000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	107.9	120.7	133.5	136.8	213.1	314.9	365.8	444.7	602.3	720.7	728.5
115°	124.1	136.0	147.8	150.8	215.0	300.7	343.6	419.5	571.5	685.5	696.2
117.5°	140.2	151.0	161.7	164.4	219.1	292.0	328.4	397.0	534.0	636.9	648.8
120°	149.6	159.7	169.8	172.4	222.3	289.0	322.3	384.9	510.3	604.2	615.9
122.5°	158.7	169.0	179.2	181.7	227.0	287.4	317.6	374.0	486.9	571.5	582.9
125°	172.7	182.0	191.3	193.7	233.3	286.1	312.6	360.5	456.3	528.2	538.8
127.5°	184.1	193.6	202.9	205.3	239.6	285.4	308.3	349.4	431.7	493.4	502.3
130°	190.2	200.4	210.4	213.0	244.2	285.8	306.6	343.3	416.6	471.5	479.7
132.5°	196.5	206.7	216.7	219.3	248.0	286.1	305.3	338.0	403.6	452.8	460.2
135°	205.9	215.0	224.3	226.6	252.0	285.8	302.8	330.2	385.1	426.3	432.7
137.5°	215.4	224.5	233.7	235.9	258.1	287.6	302.4	325.6	372.0	406.8	412.0
140°	223.3	231.7	240.2	242.3	261.8	287.9	300.9	321.0	361.2	391.2	396.1
142.5°	229.4	237.2	244.9	246.9	264.9	288.9	300.9	318.6	353.8	380.2	384.3
145°	238.8	245.5	252.3	254.0	269.0	289.0	299.0	313.4	342.1	363.7	366.9
147.5°	248.2	254.8	261.3	263.0	275.0	291.0	299.0	310.3	333.0	349.9	352.6
150°	254.2	260.1	266.1	267.6	278.1	292.0	299.0	308.5	327.6	342.0	344.2
152.5°	260.5	265.0	269.6	270.7	280.1	292.6	299.0	307.1	323.5	335.7	337.3
155°	269.9	273.2	276.6	277.4	284.6	294.1	299.0	305.5	318.5	328.2	329.3
157.5°	276.8	280.0	283.3	284.1	289.0	295.6	299.0	304.0	314.1	321.7	322.5
160°	281.5	284.0	286.5	287.1	291.1	296.3	299.0	303.3	312.0	318.5	318.9
162.5°	286.1	288.0	289.9	290.4	293.2	297.1	299.0	302.6	309.9	315.4	315.8
165°	291.3	292.9	294.7	295.1	296.4	298.1	299.0	301.5	306.7	310.7	311.1
167.5°	295.9	296.7	297.5	297.7	298.8	300.2	300.9	302.7	306.2	308.7	308.9
170°	299.0	299.7	300.5	300.7	300.8	300.9	300.9	302.7	306.2	308.7	308.7
172.5°	300.5	300.7	300.9	300.9	300.9	300.9	300.9	302.3	305.0	307.0	306.8
175°	302.8	302.8	302.8	302.8	302.2	301.3	300.9	301.8	303.6	304.9	304.9
177.5°	302.8	302.8	302.8	302.8	302.3	301.7	301.4	302.1	303.5	304.5	304.3
180°	302.8	302.8	302.8	302.8	302.8	302.8	302.8	302.8	302.8	302.8	302.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8
2.5°	1808.8	1803.8	1808.8	1805.5	1807.1	1802.1	1787.1	1782.1	1787.1	1792.2	1792.2
5°	1830.5	1827.2	1830.5	1830.5	1828.8	1825.5	1808.8	1805.5	1808.8	1810.5	1807.1
7.5°	1837.1	1832.2	1837.1	1833.9	1833.9	1830.5	1813.8	1810.5	1812.2	1817.1	1812.2
10°	1837.1	1832.2	1837.1	1835.5	1833.9	1830.5	1813.8	1807.1	1807.1	1812.2	1807.1
12.5°	1828.8	1825.5	1828.8	1825.5	1825.5	1822.1	1805.5	1798.8	1800.4	1802.1	1795.4
15°	1815.4	1810.5	1815.4	1812.2	1813.8	1808.8	1790.5	1783.8	1783.8	1787.1	1775.4
17.5°	1795.4	1788.8	1795.4	1793.7	1792.2	1788.8	1772.0	1765.4	1763.8	1765.4	1757.1
20°	1772.0	1767.1	1772.0	1770.5	1770.5	1763.8	1747.1	1738.7	1738.7	1738.7	1730.3
22.5°	1735.4	1730.3	1735.4	1738.7	1738.7	1737.0	1722.0	1710.3	1707.0	1707.0	1697.0
25°	1693.7	1688.6	1693.7	1693.7	1692.0	1693.7	1688.6	1682.0	1677.0	1672.0	1662.0
27.5°	1653.6	1650.3	1653.6	1650.3	1653.6	1648.6	1646.9	1645.2	1638.6	1633.6	1620.2
30°	1613.6	1610.2	1613.6	1610.2	1606.9	1603.5	1595.2	1591.9	1598.5	1595.2	1573.6
32.5°	1563.5	1560.1	1563.5	1563.5	1560.1	1560.1	1546.8	1541.8	1543.5	1553.5	1533.4
35°	1511.7	1506.8	1511.7	1510.2	1511.7	1506.8	1498.4	1496.7	1490.0	1501.8	1486.8
37.5°	1451.7	1446.7	1451.7	1451.7	1451.7	1455.0	1448.3	1443.4	1433.3	1448.3	1436.7
40°	1390.0	1383.3	1390.0	1388.3	1390.0	1393.3	1390.0	1386.6	1376.7	1388.3	1378.3
42.5°	1319.9	1318.2	1319.9	1321.5	1321.5	1328.2	1333.3	1326.6	1323.2	1314.8	1321.5
45°	1244.8	1241.5	1244.8	1248.2	1249.8	1253.1	1268.2	1268.2	1263.2	1249.8	1259.8
47.5°	1164.7	1156.4	1164.7	1174.7	1174.7	1179.7	1194.7	1206.4	1198.1	1181.4	1186.4
50°	1079.6	1081.2	1079.6	1086.3	1086.3	1104.6	1116.3	1128.0	1136.4	1116.3	1093.0
52.5°	996.2	994.5	996.2	1001.2	1007.9	1016.2	1036.2	1047.9	1061.2	1049.6	1012.8
55°	912.7	916.1	912.7	914.4	917.8	922.8	952.8	964.5	989.5	974.5	936.1
57.5°	829.3	824.3	829.3	832.7	834.4	839.3	864.3	886.0	901.1	902.7	856.0
60°	732.5	725.9	732.5	747.6	750.8	754.2	777.6	797.6	811.0	815.9	767.6
62.5°	647.4	635.8	647.4	657.5	664.1	672.5	689.1	719.2	730.8	732.5	664.1
65°	557.3	552.4	557.3	577.3	579.0	589.0	607.4	629.1	654.1	650.8	552.4
67.5°	475.5	475.5	475.5	489.0	498.9	503.9	527.3	537.3	569.0	572.4	460.6
70°	400.5	398.8	400.5	410.5	417.2	428.8	450.5	462.2	487.3	495.6	373.8
72.5°	328.7	327.1	328.7	337.0	343.7	353.8	372.1	385.4	407.1	417.2	290.4
75°	265.3	262.0	265.3	271.9	270.4	283.7	298.7	312.1	332.1	338.7	215.2
77.5°	203.6	203.6	203.6	210.2	210.2	223.6	230.2	247.0	258.6	268.7	158.5
80°	151.8	150.2	151.8	153.5	153.5	160.2	171.9	183.6	193.6	193.6	108.5
82.5°	106.8	103.4	106.8	106.8	106.8	110.1	116.8	120.1	126.8	131.8	68.4
85°	66.8	66.8	66.8	68.4	66.8	70.1	71.8	75.1	75.1	71.8	41.7
87.5°	43.4	41.7	43.4	41.7	41.7	40.0	40.0	40.0	38.4	36.7	23.4
90°	7.7	7.7	7.7	7.7	7.7	10.3	13.7	15.5	13.3	9.0	5.7
92.5°	31.0	24.7	31.0	37.1	38.7	54.7	76.2	87.0	76.3	55.1	39.2
95°	107.8	89.2	107.8	126.4	131.0	172.1	226.8	254.2	214.7	135.7	76.4
97.5°	258.3	222.9	258.3	293.7	302.6	328.5	363.1	380.4	314.5	182.7	83.9
100°	372.2	330.0	372.2	414.4	425.0	423.1	420.5	419.2	346.1	199.9	90.2
102.5°	484.2	448.1	484.2	520.3	529.4	496.4	452.3	430.2	356.0	207.8	96.5
105°	627.1	607.7	627.1	646.5	651.4	577.2	478.4	429.0	357.2	213.6	105.9
107.5°	720.6	725.3	720.6	715.9	714.8	611.4	473.6	404.7	341.4	214.7	119.7
110°	756.3	776.5	756.3	736.0	731.0	615.5	461.3	384.3	327.3	213.1	127.4



TEST NUMBER: P934583

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-4-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	759.5	790.6	759.5	728.5	720.7	602.3	444.7	365.8	314.9	213.1	136.8
115°	739.3	782.4	739.3	696.2	685.5	571.5	419.5	343.6	300.7	215.0	150.8
117.5°	696.6	744.4	696.6	648.8	636.9	534.0	397.0	328.4	292.0	219.1	164.4
120°	662.2	708.6	662.2	615.9	604.2	510.3	384.9	322.3	289.0	222.3	172.4
122.5°	628.8	674.5	628.8	582.9	571.5	486.9	374.0	317.6	287.4	227.0	181.7
125°	580.9	623.1	580.9	538.8	528.2	456.3	360.5	312.6	286.1	233.3	193.7
127.5°	537.9	573.5	537.9	502.3	493.4	431.7	349.4	308.3	285.4	239.6	205.3
130°	512.6	545.5	512.6	479.7	471.5	416.6	343.3	306.6	285.8	244.2	213.0
132.5°	489.5	519.0	489.5	460.2	452.8	403.6	338.0	305.3	286.1	248.0	219.3
135°	458.1	483.4	458.1	432.7	426.3	385.1	330.2	302.8	285.8	252.0	226.6
137.5°	432.8	453.6	432.8	412.0	406.8	372.0	325.6	302.4	287.6	258.1	235.9
140°	415.5	434.9	415.5	396.1	391.2	361.2	321.0	300.9	287.9	261.8	242.3
142.5°	401.1	417.9	401.1	384.3	380.2	353.8	318.6	300.9	288.9	264.9	246.9
145°	379.6	392.2	379.6	366.9	363.7	342.1	313.4	299.0	289.0	269.0	254.0
147.5°	363.0	373.5	363.0	352.6	349.9	333.0	310.3	299.0	291.0	275.0	263.0
150°	352.7	361.2	352.7	344.2	342.0	327.6	308.5	299.0	292.0	278.1	267.6
152.5°	343.7	350.1	343.7	337.3	335.7	323.5	307.1	299.0	292.6	280.1	270.7
155°	333.6	337.8	333.6	329.3	328.2	318.5	305.5	299.0	294.1	284.6	277.4
157.5°	325.5	328.4	325.5	322.5	321.7	314.1	304.0	299.0	295.6	289.0	284.1
160°	320.6	322.3	320.6	318.9	318.5	312.0	303.3	299.0	296.3	291.1	287.1
162.5°	317.5	319.1	317.5	315.8	315.4	309.9	302.6	299.0	297.1	293.2	290.4
165°	312.9	314.6	312.9	311.1	310.7	306.7	301.5	299.0	298.1	296.4	295.1
167.5°	309.6	310.3	309.6	308.9	308.7	306.2	302.7	300.9	300.2	298.8	297.7
170°	308.7	308.7	308.7	308.7	308.7	306.2	302.7	300.9	300.9	300.8	300.7
172.5°	306.3	305.7	306.3	306.8	307.0	305.0	302.3	300.9	300.9	300.9	300.9
175°	304.9	304.9	304.9	304.9	304.9	303.6	301.8	300.9	301.3	302.2	302.8
177.5°	303.6	302.8	303.6	304.3	304.5	303.5	302.1	301.4	301.7	302.3	302.8
180°	302.8	302.8	302.8	302.8	302.8	302.8	302.8	302.8	302.8	302.8	302.8



TEST NUMBER: P934583

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-4-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8
2.5°	1788.8	1778.7	1778.7	1762.1	1755.4	1750.3	1742.1	1717.0	1710.3	1703.7	1713.7
5°	1803.8	1785.4	1772.0	1742.1	1717.0	1707.0	1675.3	1615.3	1575.2	1545.2	1528.5
7.5°	1807.1	1783.8	1758.7	1712.0	1651.9	1625.2	1528.5	1418.4	1388.3	1361.6	1344.9
10°	1803.8	1777.1	1742.1	1672.0	1530.2	1483.4	1386.6	1314.8	1296.5	1291.6	1296.5
12.5°	1792.2	1767.1	1718.7	1601.9	1403.3	1371.6	1314.8	1273.1	1269.9	1278.2	1323.2
15°	1772.0	1748.8	1692.0	1508.5	1333.3	1309.9	1269.9	1254.8	1273.1	1331.6	1466.8
17.5°	1752.0	1725.4	1655.3	1416.7	1279.8	1263.2	1234.8	1264.8	1368.3	1446.7	1491.7
20°	1725.4	1693.7	1613.6	1349.9	1241.5	1226.5	1213.1	1348.3	1426.6	1455.0	1480.1
22.5°	1693.7	1660.3	1556.8	1303.2	1201.4	1189.7	1198.1	1395.0	1426.6	1446.7	1468.4
25°	1651.9	1623.5	1490.0	1266.5	1169.7	1156.4	1188.0	1390.0	1408.3	1413.3	1456.7
27.5°	1613.6	1576.8	1420.0	1233.1	1131.3	1126.3	1196.4	1368.3	1381.6	1386.6	1433.3
30°	1566.9	1511.7	1341.6	1198.1	1091.3	1089.6	1198.1	1341.6	1338.2	1351.6	1398.3
32.5°	1518.4	1415.0	1253.1	1154.7	1052.9	1051.3	1186.4	1301.5	1298.2	1316.5	1351.6
35°	1473.4	1339.9	1133.0	1104.6	1004.5	1006.2	1158.1	1254.8	1256.5	1273.1	1294.8
37.5°	1426.6	1274.8	1001.2	1049.6	957.8	957.8	1119.6	1211.4	1208.0	1213.1	1243.1
40°	1371.6	1173.0	884.3	977.8	914.4	909.4	1073.0	1164.7	1153.0	1151.4	1193.1
42.5°	1313.3	1061.2	797.6	882.7	864.3	857.7	1016.2	1108.0	1086.3	1091.3	1144.6
45°	1249.8	1031.3	730.8	745.9	812.7	807.6	954.4	1042.9	1027.9	1041.2	1096.3
47.5°	1186.4	971.1	709.1	619.1	757.5	755.9	886.0	979.5	971.1	984.5	1042.9
50°	1099.6	904.4	707.5	530.7	695.8	702.5	804.3	917.8	917.8	929.4	991.1
52.5°	987.9	822.6	642.4	480.6	624.0	644.1	732.5	864.3	867.7	879.4	934.4
55°	886.0	737.5	595.7	442.2	538.9	582.3	662.5	809.3	815.9	827.6	877.7
57.5°	792.6	614.1	585.7	397.2	460.6	502.3	600.7	755.9	759.2	769.3	817.6
60°	692.5	443.9	537.3	348.7	392.1	423.8	544.0	692.5	704.2	710.8	752.5
62.5°	579.0	322.0	487.3	315.3	358.7	365.4	497.2	632.4	647.4	652.4	677.5
65°	412.1	270.4	413.8	287.0	323.7	325.4	447.2	570.7	584.0	592.4	610.7
67.5°	278.6	220.3	315.3	260.3	297.0	298.7	398.8	498.9	517.3	524.0	535.6
70°	193.6	146.8	233.6	231.9	267.0	270.4	347.1	433.8	450.5	455.5	462.2
72.5°	141.8	118.5	193.6	208.5	235.3	238.6	293.6	360.4	377.1	382.1	385.4
75°	108.5	125.1	156.9	181.9	200.3	201.9	240.3	293.6	305.4	308.7	310.4
77.5°	86.8	116.8	115.2	146.8	163.5	160.2	188.5	227.0	236.9	236.9	236.9
80°	65.1	91.8	86.8	105.1	120.1	116.8	135.2	161.9	165.2	168.5	166.8
82.5°	48.4	58.4	58.4	66.8	80.1	76.7	90.1	105.1	105.1	105.1	108.5
85°	30.1	33.3	26.7	35.0	45.1	43.4	50.1	56.7	58.4	58.4	55.0
87.5°	18.3	15.0	8.4	13.3	20.0	20.0	23.4	25.0	23.4	23.4	23.4
90°	5.3	3.6	2.1	3.6	5.3	5.7	9.0	13.3	15.5	13.7	10.3
92.5°	35.8	21.9	8.1	21.9	35.8	39.2	55.1	76.3	87.0	76.2	54.7
95°	70.1	44.8	19.5	44.8	70.1	76.4	135.7	214.7	254.2	226.8	172.1
97.5°	78.3	56.0	33.7	56.0	78.3	83.9	182.7	314.5	380.4	363.1	328.5
100°	85.2	64.9	44.7	64.9	85.2	90.2	199.9	346.1	419.2	420.5	423.1
102.5°	91.8	73.0	54.0	73.0	91.8	96.5	207.8	356.0	430.2	452.3	496.4
105°	101.9	85.9	69.9	85.9	101.9	105.9	213.6	357.2	429.0	478.4	577.2
107.5°	116.0	101.1	86.2	101.1	116.0	119.7	214.7	341.4	404.7	473.6	611.4
110°	124.0	110.5	97.1	110.5	124.0	127.4	213.1	327.3	384.3	461.3	615.5



TEST NUMBER: P934583

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-4-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	133.5	120.7	107.9	120.7	133.5	136.8	213.1	314.9	365.8	444.7	602.3
115°	147.8	136.0	124.1	136.0	147.8	150.8	215.0	300.7	343.6	419.5	571.5
117.5°	161.7	151.0	140.2	151.0	161.7	164.4	219.1	292.0	328.4	397.0	534.0
120°	169.8	159.7	149.6	159.7	169.8	172.4	222.3	289.0	322.3	384.9	510.3
122.5°	179.2	169.0	158.7	169.0	179.2	181.7	227.0	287.4	317.6	374.0	486.9
125°	191.3	182.0	172.7	182.0	191.3	193.7	233.3	286.1	312.6	360.5	456.3
127.5°	202.9	193.6	184.1	193.6	202.9	205.3	239.6	285.4	308.3	349.4	431.7
130°	210.4	200.4	190.2	200.4	210.4	213.0	244.2	285.8	306.6	343.3	416.6
132.5°	216.7	206.7	196.5	206.7	216.7	219.3	248.0	286.1	305.3	338.0	403.6
135°	224.3	215.0	205.9	215.0	224.3	226.6	252.0	285.8	302.8	330.2	385.1
137.5°	233.7	224.5	215.4	224.5	233.7	235.9	258.1	287.6	302.4	325.6	372.0
140°	240.2	231.7	223.3	231.7	240.2	242.3	261.8	287.9	300.9	321.0	361.2
142.5°	244.9	237.2	229.4	237.2	244.9	246.9	264.9	288.9	300.9	318.6	353.8
145°	252.3	245.5	238.8	245.5	252.3	254.0	269.0	289.0	299.0	313.4	342.1
147.5°	261.3	254.8	248.2	254.8	261.3	263.0	275.0	291.0	299.0	310.3	333.0
150°	266.1	260.1	254.2	260.1	266.1	267.6	278.1	292.0	299.0	308.5	327.6
152.5°	269.6	265.0	260.5	265.0	269.6	270.7	280.1	292.6	299.0	307.1	323.5
155°	276.6	273.2	269.9	273.2	276.6	277.4	284.6	294.1	299.0	305.5	318.5
157.5°	283.3	280.0	276.8	280.0	283.3	284.1	289.0	295.6	299.0	304.0	314.1
160°	286.5	284.0	281.5	284.0	286.5	287.1	291.1	296.3	299.0	303.3	312.0
162.5°	289.9	288.0	286.1	288.0	289.9	290.4	293.2	297.1	299.0	302.6	309.9
165°	294.7	292.9	291.3	292.9	294.7	295.1	296.4	298.1	299.0	301.5	306.7
167.5°	297.5	296.7	295.9	296.7	297.5	297.7	298.8	300.2	300.9	302.7	306.2
170°	300.5	299.7	299.0	299.7	300.5	300.7	300.8	300.9	300.9	302.7	306.2
172.5°	300.9	300.7	300.5	300.7	300.9	300.9	300.9	300.9	300.9	302.3	305.0
175°	302.8	302.8	302.8	302.8	302.8	302.8	302.2	301.3	300.9	301.8	303.6
177.5°	302.8	302.8	302.8	302.8	302.8	302.8	302.3	301.7	301.4	302.1	303.5
180°	302.8	302.8	302.8	302.8	302.8	302.8	302.8	302.8	302.8	302.8	302.8



TEST NUMBER: P934583

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-4-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8	1763.8
2.5°	1702.0	1697.0	1703.7	1685.3	1703.7	1697.0	1702.0	1713.7	1703.7	1710.3	1717.0
5°	1493.4	1485.1	1458.4	1436.7	1458.4	1485.1	1493.4	1528.5	1545.2	1575.2	1615.3
7.5°	1334.9	1328.2	1321.5	1308.2	1321.5	1328.2	1334.9	1344.9	1361.6	1388.3	1418.4
10°	1299.8	1301.5	1311.6	1309.9	1311.6	1301.5	1299.8	1296.5	1291.6	1296.5	1314.8
12.5°	1390.0	1405.0	1460.1	1456.7	1460.1	1405.0	1390.0	1323.2	1278.2	1269.9	1273.1
15°	1493.4	1498.4	1510.2	1511.7	1510.2	1498.4	1493.4	1466.8	1331.6	1273.1	1254.8
17.5°	1503.5	1505.1	1513.4	1513.4	1513.4	1505.1	1503.5	1491.7	1446.7	1368.3	1264.8
20°	1495.1	1498.4	1515.1	1518.4	1515.1	1498.4	1495.1	1480.1	1455.0	1426.6	1348.3
22.5°	1491.7	1498.4	1511.7	1510.2	1511.7	1498.4	1491.7	1468.4	1446.7	1426.6	1395.0
25°	1475.1	1475.1	1476.7	1478.4	1476.7	1475.1	1475.1	1456.7	1413.3	1408.3	1390.0
27.5°	1440.1	1443.4	1453.4	1451.7	1453.4	1443.4	1440.1	1433.3	1386.6	1381.6	1368.3
30°	1408.3	1405.0	1396.7	1390.0	1396.7	1405.0	1408.3	1398.3	1351.6	1338.2	1341.6
32.5°	1355.0	1346.6	1338.2	1333.3	1338.2	1346.6	1355.0	1351.6	1316.5	1298.2	1301.5
35°	1291.6	1293.1	1291.6	1286.5	1291.6	1293.1	1291.6	1294.8	1273.1	1256.5	1254.8
37.5°	1246.5	1249.8	1248.2	1241.5	1248.2	1249.8	1246.5	1243.1	1213.1	1208.0	1211.4
40°	1199.8	1201.4	1199.8	1194.7	1199.8	1201.4	1199.8	1193.1	1151.4	1153.0	1164.7
42.5°	1154.7	1153.0	1148.0	1144.6	1148.0	1153.0	1154.7	1144.6	1091.3	1086.3	1108.0
45°	1102.9	1104.6	1094.7	1089.6	1094.7	1104.6	1102.9	1096.3	1041.2	1027.9	1042.9
47.5°	1051.3	1051.3	1042.9	1037.9	1042.9	1051.3	1051.3	1042.9	984.5	971.1	979.5
50°	996.2	994.5	982.8	981.2	982.8	994.5	996.2	991.1	929.4	917.8	917.8
52.5°	932.8	932.8	934.4	937.8	934.4	932.8	932.8	934.4	879.4	867.7	864.3
55°	877.7	879.4	891.0	894.4	891.0	879.4	877.7	877.7	827.6	815.9	809.3
57.5°	820.9	820.9	829.3	829.3	829.3	820.9	820.9	817.6	769.3	759.2	755.9
60°	755.9	759.2	765.9	764.2	765.9	759.2	755.9	752.5	710.8	704.2	692.5
62.5°	687.4	690.8	692.5	689.1	692.5	690.8	687.4	677.5	652.4	647.4	632.4
65°	615.8	619.1	620.7	617.4	620.7	619.1	615.8	610.7	592.4	584.0	570.7
67.5°	542.3	540.6	538.9	545.7	538.9	540.6	542.3	535.6	524.0	517.3	498.9
70°	467.2	467.2	465.6	468.8	465.6	467.2	467.2	462.2	455.5	450.5	433.8
72.5°	387.1	385.4	392.1	387.1	392.1	385.4	387.1	385.4	382.1	377.1	360.4
75°	308.7	312.1	308.7	313.7	308.7	312.1	308.7	310.4	308.7	305.4	293.6
77.5°	235.3	238.6	235.3	235.3	235.3	238.6	235.3	236.9	236.9	236.9	227.0
80°	166.8	165.2	165.2	163.5	165.2	165.2	166.8	166.8	168.5	165.2	161.9
82.5°	106.8	105.1	105.1	108.5	105.1	105.1	106.8	108.5	105.1	105.1	105.1
85°	58.4	60.0	56.7	56.7	56.7	60.0	58.4	55.0	58.4	58.4	56.7
87.5°	21.7	20.0	20.0	20.0	20.0	20.0	21.7	23.4	23.4	23.4	25.0
90°	7.7	7.7	7.7	7.7	7.7	7.7	7.7	10.3	13.7	15.5	13.3
92.5°	38.7	37.1	31.0	24.7	31.0	37.1	38.7	54.7	76.2	87.0	76.3
95°	131.0	126.4	107.8	89.2	107.8	126.4	131.0	172.1	226.8	254.2	214.7
97.5°	302.6	293.7	258.3	222.9	258.3	293.7	302.6	328.5	363.1	380.4	314.5
100°	425.0	414.4	372.2	330.0	372.2	414.4	425.0	423.1	420.5	419.2	346.1
102.5°	529.4	520.3	484.2	448.1	484.2	520.3	529.4	496.4	452.3	430.2	356.0
105°	651.4	646.5	627.1	607.7	627.1	646.5	651.4	577.2	478.4	429.0	357.2
107.5°	714.8	715.9	720.6	725.3	720.6	715.9	714.8	611.4	473.6	404.7	341.4
110°	731.0	736.0	756.3	776.5	756.3	736.0	731.0	615.5	461.3	384.3	327.3



TEST NUMBER: P934583

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-4-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	720.7	728.5	759.5	790.6	759.5	728.5	720.7	602.3	444.7	365.8	314.9
115°	685.5	696.2	739.3	782.4	739.3	696.2	685.5	571.5	419.5	343.6	300.7
117.5°	636.9	648.8	696.6	744.4	696.6	648.8	636.9	534.0	397.0	328.4	292.0
120°	604.2	615.9	662.2	708.6	662.2	615.9	604.2	510.3	384.9	322.3	289.0
122.5°	571.5	582.9	628.8	674.5	628.8	582.9	571.5	486.9	374.0	317.6	287.4
125°	528.2	538.8	580.9	623.1	580.9	538.8	528.2	456.3	360.5	312.6	286.1
127.5°	493.4	502.3	537.9	573.5	537.9	502.3	493.4	431.7	349.4	308.3	285.4
130°	471.5	479.7	512.6	545.5	512.6	479.7	471.5	416.6	343.3	306.6	285.8
132.5°	452.8	460.2	489.5	519.0	489.5	460.2	452.8	403.6	338.0	305.3	286.1
135°	426.3	432.7	458.1	483.4	458.1	432.7	426.3	385.1	330.2	302.8	285.8
137.5°	406.8	412.0	432.8	453.6	432.8	412.0	406.8	372.0	325.6	302.4	287.6
140°	391.2	396.1	415.5	434.9	415.5	396.1	391.2	361.2	321.0	300.9	287.9
142.5°	380.2	384.3	401.1	417.9	401.1	384.3	380.2	353.8	318.6	300.9	288.9
145°	363.7	366.9	379.6	392.2	379.6	366.9	363.7	342.1	313.4	299.0	289.0
147.5°	349.9	352.6	363.0	373.5	363.0	352.6	349.9	333.0	310.3	299.0	291.0
150°	342.0	344.2	352.7	361.2	352.7	344.2	342.0	327.6	308.5	299.0	292.0
152.5°	335.7	337.3	343.7	350.1	343.7	337.3	335.7	323.5	307.1	299.0	292.6
155°	328.2	329.3	333.6	337.8	333.6	329.3	328.2	318.5	305.5	299.0	294.1
157.5°	321.7	322.5	325.5	328.4	325.5	322.5	321.7	314.1	304.0	299.0	295.6
160°	318.5	318.9	320.6	322.3	320.6	318.9	318.5	312.0	303.3	299.0	296.3
162.5°	315.4	315.8	317.5	319.1	317.5	315.8	315.4	309.9	302.6	299.0	297.1
165°	310.7	311.1	312.9	314.6	312.9	311.1	310.7	306.7	301.5	299.0	298.1
167.5°	308.7	308.9	309.6	310.3	309.6	308.9	308.7	306.2	302.7	300.9	300.2
170°	308.7	308.7	308.7	308.7	308.7	308.7	308.7	306.2	302.7	300.9	300.9
172.5°	307.0	306.8	306.3	305.7	306.3	306.8	307.0	305.0	302.3	300.9	300.9
175°	304.9	304.9	304.9	304.9	304.9	304.9	304.9	303.6	301.8	300.9	301.3
177.5°	304.5	304.3	303.6	302.8	303.6	304.3	304.5	303.5	302.1	301.4	301.7
180°	302.8	302.8	302.8	302.8	302.8	302.8	302.8	302.8	302.8	302.8	302.8



TEST NUMBER: P934583

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-4-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1763.8	1763.8	1763.8	1763.8	1763.8
2.5°	1742.1	1750.3	1755.4	1762.1	1778.7
5°	1675.3	1707.0	1717.0	1742.1	1772.0
7.5°	1528.5	1625.2	1651.9	1712.0	1758.7
10°	1386.6	1483.4	1530.2	1672.0	1742.1
12.5°	1314.8	1371.6	1403.3	1601.9	1718.7
15°	1269.9	1309.9	1333.3	1508.5	1692.0
17.5°	1234.8	1263.2	1279.8	1416.7	1655.3
20°	1213.1	1226.5	1241.5	1349.9	1613.6
22.5°	1198.1	1189.7	1201.4	1303.2	1556.8
25°	1188.0	1156.4	1169.7	1266.5	1490.0
27.5°	1196.4	1126.3	1131.3	1233.1	1420.0
30°	1198.1	1089.6	1091.3	1198.1	1341.6
32.5°	1186.4	1051.3	1052.9	1154.7	1253.1
35°	1158.1	1006.2	1004.5	1104.6	1133.0
37.5°	1119.6	957.8	957.8	1049.6	1001.2
40°	1073.0	909.4	914.4	977.8	884.3
42.5°	1016.2	857.7	864.3	882.7	797.6
45°	954.4	807.6	812.7	745.9	730.8
47.5°	886.0	755.9	757.5	619.1	709.1
50°	804.3	702.5	695.8	530.7	707.5
52.5°	732.5	644.1	624.0	480.6	642.4
55°	662.5	582.3	538.9	442.2	595.7
57.5°	600.7	502.3	460.6	397.2	585.7
60°	544.0	423.8	392.1	348.7	537.3
62.5°	497.2	365.4	358.7	315.3	487.3
65°	447.2	325.4	323.7	287.0	413.8
67.5°	398.8	298.7	297.0	260.3	315.3
70°	347.1	270.4	267.0	231.9	233.6
72.5°	293.6	238.6	235.3	208.5	193.6
75°	240.3	201.9	200.3	181.9	156.9
77.5°	188.5	160.2	163.5	146.8	115.2
80°	135.2	116.8	120.1	105.1	86.8
82.5°	90.1	76.7	80.1	66.8	58.4
85°	50.1	43.4	45.1	35.0	26.7
87.5°	23.4	20.0	20.0	13.3	8.4
90°	9.0	5.7	5.3	3.6	2.1
92.5°	55.1	39.2	35.8	21.9	8.1
95°	135.7	76.4	70.1	44.8	19.5
97.5°	182.7	83.9	78.3	56.0	33.7
100°	199.9	90.2	85.2	64.9	44.7
102.5°	207.8	96.5	91.8	73.0	54.0
105°	213.6	105.9	101.9	85.9	69.9
107.5°	214.7	119.7	116.0	101.1	86.2
110°	213.1	127.4	124.0	110.5	97.1



TEST NUMBER: P934583

CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-4-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	213.1	136.8	133.5	120.7	107.9
115°	215.0	150.8	147.8	136.0	124.1
117.5°	219.1	164.4	161.7	151.0	140.2
120°	222.3	172.4	169.8	159.7	149.6
122.5°	227.0	181.7	179.2	169.0	158.7
125°	233.3	193.7	191.3	182.0	172.7
127.5°	239.6	205.3	202.9	193.6	184.1
130°	244.2	213.0	210.4	200.4	190.2
132.5°	248.0	219.3	216.7	206.7	196.5
135°	252.0	226.6	224.3	215.0	205.9
137.5°	258.1	235.9	233.7	224.5	215.4
140°	261.8	242.3	240.2	231.7	223.3
142.5°	264.9	246.9	244.9	237.2	229.4
145°	269.0	254.0	252.3	245.5	238.8
147.5°	275.0	263.0	261.3	254.8	248.2
150°	278.1	267.6	266.1	260.1	254.2
152.5°	280.1	270.7	269.6	265.0	260.5
155°	284.6	277.4	276.6	273.2	269.9
157.5°	289.0	284.1	283.3	280.0	276.8
160°	291.1	287.1	286.5	284.0	281.5
162.5°	293.2	290.4	289.9	288.0	286.1
165°	296.4	295.1	294.7	292.9	291.3
167.5°	298.8	297.7	297.5	296.7	295.9
170°	300.8	300.7	300.5	299.7	299.0
172.5°	300.9	300.9	300.9	300.7	300.5
175°	302.2	302.8	302.8	302.8	302.8
177.5°	302.3	302.8	302.8	302.8	302.8
180°	302.8	302.8	302.8	302.8	302.8



TEST NUMBER: P934583
 CATALOG NUMBER: SQ4-FA-050U-125D-B2750-1D-UNV-STD-W-4-3000K

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	16.17	17.25	16.94	18.03	18.99	18.97	20.04	19.73	20.83	21.79
	3H	16.67	17.63	17.44	18.43	19.41	20.32	21.29	21.10	22.08	23.07
	4H	16.87	17.78	17.66	18.58	19.58	20.77	21.68	21.56	22.48	23.48
	6H	17.00	17.84	17.81	18.65	19.66	21.06	21.90	21.87	22.71	23.72
	8H	17.00	17.80	17.82	18.64	19.65	21.13	21.93	21.95	22.77	23.78
	12H	16.98	17.75	17.81	18.57	19.61	21.17	21.94	22.00	22.76	23.80
4H	2H	17.22	18.13	18.02	18.94	19.93	19.41	20.32	20.21	21.12	22.12
	3H	18.27	19.03	19.08	19.87	20.88	20.92	21.68	21.73	22.52	23.53
	4H	18.55	19.24	19.38	20.08	21.12	21.45	22.14	22.28	22.98	24.02
	6H	18.69	19.29	19.53	20.15	21.20	21.82	22.42	22.66	23.28	24.33
	8H	18.70	19.26	19.55	20.12	21.18	21.93	22.49	22.77	23.34	24.40
	12H	18.68	19.18	19.55	20.06	21.12	21.99	22.49	22.86	23.37	24.43
8H	4H	19.02	19.58	19.87	20.44	21.49	21.60	22.15	22.44	23.01	24.07
	6H	19.29	19.75	20.16	20.65	21.71	22.03	22.49	22.91	23.39	24.45
	8H	19.34	19.75	20.22	20.64	21.71	22.18	22.59	23.07	23.49	24.56
	12H	19.33	19.69	20.22	20.58	21.70	22.28	22.64	23.17	23.53	24.66
12H	4H	19.04	19.54	19.90	20.42	21.48	21.57	22.07	22.44	22.95	24.01
	6H	19.35	19.76	20.24	20.66	21.73	22.03	22.44	22.92	23.34	24.41
	8H	19.43	19.79	20.32	20.67	21.80	22.20	22.56	23.09	23.44	24.57