

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: P934559

Luminaire Tested: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934559
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-4-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

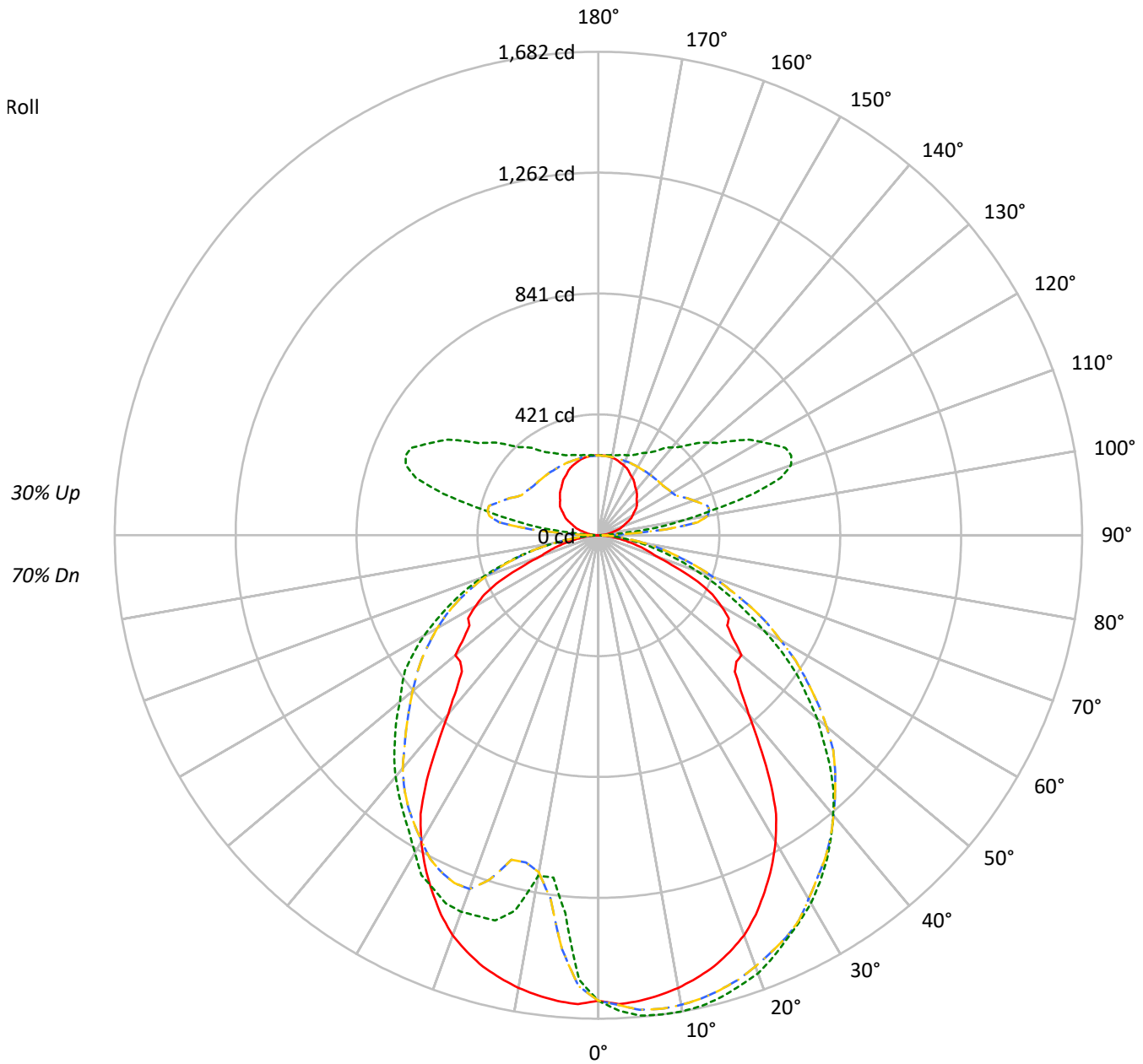
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6001.2 lumens
Efficiency: N/A
Efficacy: 107.2 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: P934559
CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-4000K

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									20
RC	80									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	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	74	74	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	63	63	63	63	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	53	53	53	53	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	45	45	45	45	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	39	39	39	39	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	34	34	34	34	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	30	30	30	30	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	27	27	27	27	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	24	24	24	24	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	21	21	21	21	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	19	19	19	19	19	19	19	19	18																

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15025	15025	15025	15025
5°	15120	15167	15120	11925
10°	15002	14940	15002	10681
15°	14823	14617	14823	12204
20°	14496	14233	14496	12230
25°	13844	13673	13844	11971
30°	13009	13209	13009	11402
35°	11579	12622	11579	10777
40°	9631	11931	9631	10304
45°	8589	11121	8589	9761
50°	9105	10156	9105	9215
55°	8543	9116	8543	8900
60°	8773	7743	8773	8152
65°	7917	6401	7917	7154
70°	5443	5100	5443	5996
75°	4722	3770	4722	4515
80°	3730	2493	3730	2714
85°	2029	1321	2029	1120

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13190 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.2	2.4
10°-20°	415.0	6.9
20°-30°	641.5	10.7
30°-40°	765.8	12.8
40°-50°	770.3	12.8
50°-60°	670.2	11.2
60°-70°	475.2	7.9
70°-80°	251.4	4.2
80°-90°	63.7	1.1
90°-100°	135.5	2.3
100°-110°	356.2	5.9
110°-120°	369.4	6.2
120°-130°	296.3	4.9
130°-140°	232.5	3.9
140°-150°	178.4	3.0
150°-160°	128.5	2.1
160°-170°	78.6	1.3
170°-180°	26.6	0.4
0°-30°	1202.6	20.0
0°-40°	1968.4	32.8
0°-60°	3408.9	56.8
0°-90°	4199.2	70.0
90°-120°	861.1	14.3
90°-150°	1568.3	26.1
90°-180°	1802.0	30.0
0°-180°	6001.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1619	1619	1619	1619	1619	
5°	1627	1677	1627	1319	1627	154
15°	1553	1662	1553	1388	1553	437
25°	1368	1550	1368	1357	1368	628
35°	1040	1383	1040	1181	1040	643
45°	671	1140	671	1000	671	537
55°	547	841	547	821	547	503
65°	380	507	380	567	380	363
75°	144	240	144	288	144	151
85°	24	61	24	52	24	33
90°	2	7	2	7	2	3
95°	18	82	18	82	18	20
105°	64	558	64	558	64	68
115°	114	718	114	718	114	113
125°	159	572	159	572	159	141
135°	189	444	189	444	189	146
145°	219	360	219	360	219	137
155°	248	310	248	310	248	114
165°	267	289	267	289	267	75
175°	278	280	278	280	278	26
180°	278	278	278	278	278	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2
2.5°	1632.9	1632.9	1642.1	1645.2	1645.2	1640.6	1636.0	1640.6	1654.4	1659.0	1657.4
5°	1626.8	1639.1	1655.9	1659.0	1662.1	1660.5	1657.4	1660.5	1675.8	1678.9	1680.4
7.5°	1614.5	1637.5	1659.0	1663.6	1668.1	1663.6	1662.1	1665.1	1680.4	1683.5	1683.5
10°	1599.2	1631.4	1655.9	1659.0	1663.6	1659.0	1659.0	1665.1	1680.4	1683.5	1685.0
12.5°	1577.8	1622.2	1645.2	1648.2	1654.4	1652.8	1651.3	1657.4	1672.7	1675.8	1675.8
15°	1553.3	1605.4	1626.8	1629.8	1640.6	1637.5	1637.5	1643.7	1660.5	1665.1	1663.6
17.5°	1519.6	1583.9	1608.4	1613.0	1620.7	1619.2	1620.7	1626.8	1642.1	1645.2	1646.7
20°	1481.3	1554.8	1583.9	1588.5	1596.2	1596.2	1596.2	1603.9	1619.2	1625.3	1625.3
22.5°	1429.2	1524.2	1554.8	1557.9	1567.0	1567.0	1570.1	1580.9	1594.6	1596.2	1596.2
25°	1367.9	1490.4	1516.5	1525.7	1534.9	1539.5	1544.1	1550.2	1554.8	1553.3	1554.8
27.5°	1303.6	1447.5	1481.3	1487.4	1499.7	1504.3	1510.4	1511.9	1513.4	1518.0	1515.0
30°	1231.6	1387.8	1438.4	1444.5	1464.5	1467.4	1461.4	1464.5	1472.1	1475.1	1478.2
32.5°	1150.4	1299.0	1393.9	1407.7	1426.2	1416.9	1415.4	1420.0	1432.2	1432.2	1435.3
35°	1040.1	1230.0	1352.6	1364.9	1378.7	1367.9	1374.0	1375.6	1383.3	1387.8	1386.3
37.5°	919.1	1170.3	1309.7	1318.9	1329.6	1315.8	1325.1	1329.6	1335.7	1332.7	1332.7
40°	811.8	1076.9	1259.2	1265.3	1274.5	1263.8	1272.9	1276.0	1279.1	1276.0	1274.5
42.5°	732.2	974.2	1205.6	1213.2	1207.0	1214.7	1217.8	1224.0	1219.3	1213.2	1213.2
45°	670.9	946.7	1147.3	1156.5	1147.3	1159.6	1164.2	1164.2	1150.4	1147.3	1145.8
47.5°	651.0	891.5	1089.1	1089.1	1084.6	1099.9	1107.5	1096.8	1083.0	1078.4	1078.4
50°	649.5	830.2	1009.4	1003.4	1024.8	1043.2	1035.5	1024.8	1014.1	997.2	997.2
52.5°	589.7	755.2	906.9	929.8	963.5	974.2	962.0	951.2	932.9	925.3	919.1
55°	546.9	677.1	813.4	859.4	894.6	908.3	885.4	874.7	847.1	842.5	839.4
57.5°	537.7	563.7	727.7	785.9	828.7	827.2	813.4	793.5	770.5	765.9	764.4
60°	493.2	407.5	635.7	704.7	749.0	744.5	732.2	713.8	692.4	689.3	686.3
62.5°	447.3	295.6	531.5	609.6	672.4	670.9	660.2	632.6	617.3	609.6	603.6
65°	379.9	248.2	378.4	507.1	597.4	600.5	577.5	557.6	540.7	531.5	530.0
67.5°	289.5	202.2	255.8	422.8	525.4	522.4	493.2	484.1	462.6	458.0	448.9
70°	214.4	134.8	177.7	343.1	454.9	447.3	424.3	413.6	393.7	383.0	376.8
72.5°	177.7	108.8	130.2	266.6	383.0	373.7	353.8	341.6	324.8	315.5	309.4
75°	144.0	114.9	99.6	197.6	310.9	304.9	286.5	274.2	260.4	248.2	249.6
77.5°	105.7	107.3	79.7	145.5	246.7	237.4	226.7	211.4	205.3	193.0	193.0
80°	79.7	84.3	59.7	99.6	177.7	177.7	168.5	157.8	147.1	140.9	140.9
82.5°	53.6	53.6	44.4	62.8	121.0	116.4	110.2	107.3	101.1	98.0	98.0
85°	24.5	30.6	27.6	38.3	65.9	69.0	69.0	65.9	64.4	61.3	62.8
87.5°	7.7	13.8	16.8	21.5	33.7	35.2	36.7	36.7	36.7	38.3	38.3
90°	1.9	3.3	4.9	5.2	8.2	12.2	14.2	12.6	9.4	7.1	7.1
92.5°	7.4	20.1	32.9	36.0	50.6	70.1	79.8	70.0	50.2	35.5	34.0
95°	17.9	41.1	64.4	70.1	124.6	197.1	233.4	208.2	158.0	120.3	116.0
97.5°	31.0	51.4	71.9	77.0	167.7	288.7	349.2	333.4	301.6	277.8	269.6
100°	41.0	59.6	78.2	82.8	183.5	317.7	384.9	386.1	388.4	390.1	380.4
102.5°	49.6	67.0	84.3	88.6	190.7	326.9	394.9	415.2	455.7	486.0	477.7
105°	64.2	78.8	93.5	97.2	196.1	327.9	393.8	439.2	529.9	597.9	593.5
107.5°	79.1	92.8	106.4	109.9	197.1	313.4	371.5	434.7	561.3	656.2	657.2
110°	89.2	101.5	113.9	116.9	195.6	300.4	352.8	423.5	565.0	671.1	675.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	99.0	110.8	122.6	125.5	195.6	289.1	335.8	408.2	553.0	661.6	668.7
115°	114.0	124.8	135.7	138.4	197.4	276.1	315.4	385.1	524.6	629.3	639.1
117.5°	128.7	138.6	148.4	150.9	201.1	268.0	301.5	364.4	490.2	584.6	595.6
120°	137.3	146.6	155.9	158.2	204.1	265.3	295.9	353.4	468.4	554.7	565.4
122.5°	145.7	155.1	164.5	166.8	208.4	263.9	291.6	343.3	447.0	524.6	535.1
125°	158.6	167.1	175.6	177.8	214.2	262.7	286.9	330.9	418.9	484.9	494.6
127.5°	169.0	177.7	186.3	188.5	220.0	262.0	283.0	320.8	396.3	452.9	461.1
130°	174.6	183.9	193.2	195.5	224.2	262.4	281.5	315.2	382.4	432.8	440.4
132.5°	180.4	189.7	199.0	201.3	227.6	262.7	280.2	310.3	370.5	415.6	422.4
135°	189.0	197.4	205.9	208.0	231.4	262.4	278.0	303.1	353.6	391.4	397.2
137.5°	197.8	206.1	214.5	216.6	237.0	264.0	277.6	298.9	341.5	373.5	378.3
140°	205.0	212.7	220.5	222.4	240.3	264.3	276.3	294.7	331.6	359.2	363.6
142.5°	210.6	217.8	224.8	226.7	243.2	265.2	276.3	292.5	324.8	349.0	352.8
145°	219.2	225.4	231.6	233.2	246.9	265.3	274.4	287.7	314.1	333.9	336.8
147.5°	227.8	233.9	239.9	241.4	252.4	267.1	274.4	284.9	305.7	321.2	323.7
150°	233.4	238.8	244.3	245.7	255.3	268.0	274.4	283.2	300.8	314.0	316.0
152.5°	239.1	243.3	247.5	248.5	257.2	268.7	274.4	282.0	297.0	308.2	309.7
155°	247.7	250.8	253.9	254.6	261.2	270.0	274.4	280.4	292.4	301.3	302.3
157.5°	254.1	257.1	260.1	260.8	265.3	271.4	274.4	279.1	288.4	295.4	296.1
160°	258.4	260.7	263.0	263.6	267.2	272.0	274.4	278.4	286.4	292.4	292.7
162.5°	262.7	264.4	266.1	266.6	269.2	272.7	274.4	277.8	284.5	289.6	289.9
165°	267.4	268.9	270.6	270.9	272.1	273.6	274.4	276.8	281.6	285.2	285.6
167.5°	271.6	272.4	273.1	273.3	274.3	275.6	276.3	277.9	281.1	283.4	283.6
170°	274.4	275.2	275.9	276.1	276.2	276.3	276.3	277.9	281.1	283.4	283.4
172.5°	275.9	276.1	276.3	276.3	276.3	276.3	276.3	277.5	280.0	281.9	281.7
175°	278.0	278.0	278.0	278.0	277.4	276.6	276.3	277.1	278.7	279.9	279.9
177.5°	278.0	278.0	278.0	278.0	277.5	277.0	276.7	277.3	278.6	279.5	279.3
180°	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2
2.5°	1660.5	1655.9	1660.5	1657.4	1659.0	1654.4	1640.6	1636.0	1640.6	1645.2	1645.2
5°	1680.4	1677.4	1680.4	1680.4	1678.9	1675.8	1660.5	1657.4	1660.5	1662.1	1659.0
7.5°	1686.5	1682.0	1686.5	1683.5	1683.5	1680.4	1665.1	1662.1	1663.6	1668.1	1663.6
10°	1686.5	1682.0	1686.5	1685.0	1683.5	1680.4	1665.1	1659.0	1659.0	1663.6	1659.0
12.5°	1678.9	1675.8	1678.9	1675.8	1675.8	1672.7	1657.4	1651.3	1652.8	1654.4	1648.2
15°	1666.6	1662.1	1666.6	1663.6	1665.1	1660.5	1643.7	1637.5	1637.5	1640.6	1629.8
17.5°	1648.2	1642.1	1648.2	1646.7	1645.2	1642.1	1626.8	1620.7	1619.2	1620.7	1613.0
20°	1626.8	1622.2	1626.8	1625.3	1625.3	1619.2	1603.9	1596.2	1596.2	1596.2	1588.5
22.5°	1593.1	1588.5	1593.1	1596.2	1596.2	1594.6	1580.9	1570.1	1567.0	1567.0	1557.9
25°	1554.8	1550.2	1554.8	1554.8	1553.3	1554.8	1550.2	1544.1	1539.5	1534.9	1525.7
27.5°	1518.0	1515.0	1518.0	1515.0	1518.0	1513.4	1511.9	1510.4	1504.3	1499.7	1487.4
30°	1481.3	1478.2	1481.3	1478.2	1475.1	1472.1	1464.5	1461.4	1467.4	1464.5	1444.5
32.5°	1435.3	1432.2	1435.3	1435.3	1432.2	1432.2	1420.0	1415.4	1416.9	1426.2	1407.7
35°	1387.8	1383.3	1387.8	1386.3	1387.8	1383.3	1375.6	1374.0	1367.9	1378.7	1364.9
37.5°	1332.7	1328.1	1332.7	1332.7	1332.7	1335.7	1329.6	1325.1	1315.8	1329.6	1318.9
40°	1276.0	1269.9	1276.0	1274.5	1276.0	1279.1	1276.0	1272.9	1263.8	1274.5	1265.3
42.5°	1211.6	1210.1	1211.6	1213.2	1213.2	1219.3	1224.0	1217.8	1214.7	1207.0	1213.2
45°	1142.8	1139.7	1142.8	1145.8	1147.3	1150.4	1164.2	1164.2	1159.6	1147.3	1156.5
47.5°	1069.2	1061.6	1069.2	1078.4	1078.4	1083.0	1096.8	1107.5	1099.9	1084.6	1089.1
50°	991.1	992.6	991.1	997.2	997.2	1014.1	1024.8	1035.5	1043.2	1024.8	1003.4
52.5°	914.5	912.9	914.5	919.1	925.3	932.9	951.2	962.0	974.2	963.5	929.8
55°	837.9	841.0	837.9	839.4	842.5	847.1	874.7	885.4	908.3	894.6	859.4
57.5°	761.3	756.7	761.3	764.4	765.9	770.5	793.5	813.4	827.2	828.7	785.9
60°	672.4	666.4	672.4	686.3	689.3	692.4	713.8	732.2	744.5	749.0	704.7
62.5°	594.3	583.6	594.3	603.6	609.6	617.3	632.6	660.2	670.9	672.4	609.6
65°	511.6	507.1	511.6	530.0	531.5	540.7	557.6	577.5	600.5	597.4	507.1
67.5°	436.6	436.6	436.6	448.9	458.0	462.6	484.1	493.2	522.4	525.4	422.8
70°	367.7	366.1	367.7	376.8	383.0	393.7	413.6	424.3	447.3	454.9	343.1
72.5°	301.8	300.2	301.8	309.4	315.5	324.8	341.6	353.8	373.7	383.0	266.6
75°	243.6	240.5	243.6	249.6	248.2	260.4	274.2	286.5	304.9	310.9	197.6
77.5°	186.9	186.9	186.9	193.0	193.0	205.3	211.4	226.7	237.4	246.7	145.5
80°	139.4	137.9	139.4	140.9	140.9	147.1	157.8	168.5	177.7	177.7	99.6
82.5°	98.0	95.0	98.0	98.0	98.0	101.1	107.3	110.2	116.4	121.0	62.8
85°	61.3	61.3	61.3	62.8	61.3	64.4	65.9	69.0	69.0	65.9	38.3
87.5°	39.8	38.3	39.8	38.3	38.3	36.7	36.7	36.7	35.2	33.7	21.5
90°	7.1	7.1	7.1	7.1	7.1	9.4	12.6	14.2	12.2	8.2	5.2
92.5°	28.4	22.7	28.4	34.0	35.5	50.2	70.0	79.8	70.1	50.6	36.0
95°	98.9	81.9	98.9	116.0	120.3	158.0	208.2	233.4	197.1	124.6	70.1
97.5°	237.2	204.7	237.2	269.6	277.8	301.6	333.4	349.2	288.7	167.7	77.0
100°	341.7	303.0	341.7	380.4	390.1	388.4	386.1	384.9	317.7	183.5	82.8
102.5°	444.5	411.4	444.5	477.7	486.0	455.7	415.2	394.9	326.9	190.7	88.6
105°	575.7	557.9	575.7	593.5	597.9	529.9	439.2	393.8	327.9	196.1	97.2
107.5°	661.5	665.8	661.5	657.2	656.2	561.3	434.7	371.5	313.4	197.1	109.9
110°	694.3	712.8	694.3	675.7	671.1	565.0	423.5	352.8	300.4	195.6	116.9



TEST NUMBER: P934559

CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	697.2	725.8	697.2	668.7	661.6	553.0	408.2	335.8	289.1	195.6	125.5
115°	678.7	718.2	678.7	639.1	629.3	524.6	385.1	315.4	276.1	197.4	138.4
117.5°	639.5	683.4	639.5	595.6	584.6	490.2	364.4	301.5	268.0	201.1	150.9
120°	607.9	650.5	607.9	565.4	554.7	468.4	353.4	295.9	265.3	204.1	158.2
122.5°	577.2	619.2	577.2	535.1	524.6	447.0	343.3	291.6	263.9	208.4	166.8
125°	533.2	572.0	533.2	494.6	484.9	418.9	330.9	286.9	262.7	214.2	177.8
127.5°	493.8	526.4	493.8	461.1	452.9	396.3	320.8	283.0	262.0	220.0	188.5
130°	470.6	500.7	470.6	440.4	432.8	382.4	315.2	281.5	262.4	224.2	195.5
132.5°	449.4	476.5	449.4	422.4	415.6	370.5	310.3	280.2	262.7	227.6	201.3
135°	420.5	443.8	420.5	397.2	391.4	353.6	303.1	278.0	262.4	231.4	208.0
137.5°	397.3	416.4	397.3	378.3	373.5	341.5	298.9	277.6	264.0	237.0	216.6
140°	381.4	399.3	381.4	363.6	359.2	331.6	294.7	276.3	264.3	240.3	222.4
142.5°	368.2	383.6	368.2	352.8	349.0	324.8	292.5	276.3	265.2	243.2	226.7
145°	348.5	360.1	348.5	336.8	333.9	314.1	287.7	274.4	265.3	246.9	233.2
147.5°	333.3	342.9	333.3	323.7	321.2	305.7	284.9	274.4	267.1	252.4	241.4
150°	323.8	331.6	323.8	316.0	314.0	300.8	283.2	274.4	268.0	255.3	245.7
152.5°	315.5	321.4	315.5	309.7	308.2	297.0	282.0	274.4	268.7	257.2	248.5
155°	306.2	310.1	306.2	302.3	301.3	292.4	280.4	274.4	270.0	261.2	254.6
157.5°	298.8	301.5	298.8	296.1	295.4	288.4	279.1	274.4	271.4	265.3	260.8
160°	294.4	295.9	294.4	292.7	292.4	286.4	278.4	274.4	272.0	267.2	263.6
162.5°	291.5	292.9	291.5	289.9	289.6	284.5	277.8	274.4	272.7	269.2	266.6
165°	287.2	288.8	287.2	285.6	285.2	281.6	276.8	274.4	273.6	272.1	270.9
167.5°	284.2	284.9	284.2	283.6	283.4	281.1	277.9	276.3	275.6	274.3	273.3
170°	283.4	283.4	283.4	283.4	283.4	281.1	277.9	276.3	276.3	276.2	276.1
172.5°	281.1	280.6	281.1	281.7	281.9	280.0	277.5	276.3	276.3	276.3	276.3
175°	279.9	279.9	279.9	279.9	279.9	278.7	277.1	276.3	276.6	277.4	278.0
177.5°	278.7	278.0	278.7	279.3	279.5	278.6	277.3	276.7	277.0	277.5	278.0
180°	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0



TEST NUMBER: P934559

CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2
2.5°	1642.1	1632.9	1632.9	1617.6	1611.5	1606.8	1599.2	1576.2	1570.1	1564.0	1573.2
5°	1655.9	1639.1	1626.8	1599.2	1576.2	1567.0	1538.0	1482.8	1446.1	1418.5	1403.2
7.5°	1659.0	1637.5	1614.5	1571.6	1516.5	1492.0	1403.2	1302.1	1274.5	1249.9	1234.6
10°	1655.9	1631.4	1599.2	1534.9	1404.7	1361.8	1272.9	1207.0	1190.2	1185.7	1190.2
12.5°	1645.2	1622.2	1577.8	1470.5	1288.2	1259.2	1207.0	1168.7	1165.8	1173.4	1214.7
15°	1626.8	1605.4	1553.3	1384.8	1224.0	1202.5	1165.8	1151.9	1168.7	1222.4	1346.5
17.5°	1608.4	1583.9	1519.6	1300.5	1174.9	1159.6	1133.5	1161.1	1256.1	1328.1	1369.4
20°	1583.9	1554.8	1481.3	1239.3	1139.7	1125.9	1113.6	1237.7	1309.7	1335.7	1358.7
22.5°	1554.8	1524.2	1429.2	1196.4	1102.9	1092.2	1099.9	1280.6	1309.7	1328.1	1348.0
25°	1516.5	1490.4	1367.9	1162.7	1073.8	1061.6	1090.6	1276.0	1292.8	1297.5	1337.3
27.5°	1481.3	1447.5	1303.6	1132.0	1038.6	1034.0	1098.3	1256.1	1268.3	1272.9	1315.8
30°	1438.4	1387.8	1231.6	1099.9	1001.8	1000.3	1099.9	1231.6	1228.5	1240.8	1283.7
32.5°	1393.9	1299.0	1150.4	1060.0	966.6	965.1	1089.1	1194.8	1191.7	1208.6	1240.8
35°	1352.6	1230.0	1040.1	1014.1	922.2	923.7	1063.1	1151.9	1153.4	1168.7	1188.7
37.5°	1309.7	1170.3	919.1	963.5	879.3	879.3	1027.8	1112.1	1109.0	1113.6	1141.2
40°	1259.2	1076.9	811.8	897.6	839.4	834.8	985.0	1069.2	1058.5	1057.0	1095.2
42.5°	1205.6	974.2	732.2	810.3	793.5	787.4	932.9	1017.1	997.2	1001.8	1050.8
45°	1147.3	946.7	670.9	684.8	746.0	741.4	876.2	957.4	943.6	955.9	1006.4
47.5°	1089.1	891.5	651.0	568.4	695.4	693.9	813.4	899.2	891.5	903.8	957.4
50°	1009.4	830.2	649.5	487.2	638.8	644.9	738.3	842.5	842.5	853.2	909.9
52.5°	906.9	755.2	589.7	441.2	572.9	591.3	672.4	793.5	796.5	807.3	857.8
55°	813.4	677.1	546.9	406.0	494.8	534.6	608.2	743.0	749.0	759.8	805.8
57.5°	727.7	563.7	537.7	364.6	422.8	461.1	551.4	693.9	697.0	706.2	750.6
60°	635.7	407.5	493.2	320.2	360.0	389.0	499.4	635.7	646.5	652.5	690.8
62.5°	531.5	295.6	447.3	289.5	329.3	335.5	456.5	580.6	594.3	598.9	621.9
65°	378.4	248.2	379.9	263.5	297.2	298.7	410.5	523.9	536.1	543.8	560.7
67.5°	255.8	202.2	289.5	239.0	272.6	274.2	366.1	458.0	474.8	481.0	491.7
70°	177.7	134.8	214.4	212.9	245.1	248.2	318.6	398.3	413.6	418.2	424.3
72.5°	130.2	108.8	177.7	191.4	216.0	219.0	269.6	330.8	346.2	350.7	353.8
75°	99.6	114.9	144.0	167.0	183.8	185.4	220.6	269.6	280.3	283.4	284.9
77.5°	79.7	107.3	105.7	134.8	150.1	147.1	173.1	208.4	217.5	217.5	217.5
80°	59.7	84.3	79.7	96.5	110.2	107.3	124.1	148.6	151.6	154.7	153.2
82.5°	44.4	53.6	53.6	61.3	73.5	70.4	82.7	96.5	96.5	96.5	99.6
85°	27.6	30.6	24.5	32.1	41.4	39.8	46.0	52.0	53.6	53.6	50.5
87.5°	16.8	13.8	7.7	12.2	18.4	18.4	21.5	23.0	21.5	21.5	21.5
90°	4.9	3.3	1.9	3.3	4.9	5.2	8.2	12.2	14.2	12.6	9.4
92.5°	32.9	20.1	7.4	20.1	32.9	36.0	50.6	70.1	79.8	70.0	50.2
95°	64.4	41.1	17.9	41.1	64.4	70.1	124.6	197.1	233.4	208.2	158.0
97.5°	71.9	51.4	31.0	51.4	71.9	77.0	167.7	288.7	349.2	333.4	301.6
100°	78.2	59.6	41.0	59.6	78.2	82.8	183.5	317.7	384.9	386.1	388.4
102.5°	84.3	67.0	49.6	67.0	84.3	88.6	190.7	326.9	394.9	415.2	455.7
105°	93.5	78.8	64.2	78.8	93.5	97.2	196.1	327.9	393.8	439.2	529.9
107.5°	106.4	92.8	79.1	92.8	106.4	109.9	197.1	313.4	371.5	434.7	561.3
110°	113.9	101.5	89.2	101.5	113.9	116.9	195.6	300.4	352.8	423.5	565.0



TEST NUMBER: P934559

CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	122.6	110.8	99.0	110.8	122.6	125.5	195.6	289.1	335.8	408.2	553.0
115°	135.7	124.8	114.0	124.8	135.7	138.4	197.4	276.1	315.4	385.1	524.6
117.5°	148.4	138.6	128.7	138.6	148.4	150.9	201.1	268.0	301.5	364.4	490.2
120°	155.9	146.6	137.3	146.6	155.9	158.2	204.1	265.3	295.9	353.4	468.4
122.5°	164.5	155.1	145.7	155.1	164.5	166.8	208.4	263.9	291.6	343.3	447.0
125°	175.6	167.1	158.6	167.1	175.6	177.8	214.2	262.7	286.9	330.9	418.9
127.5°	186.3	177.7	169.0	177.7	186.3	188.5	220.0	262.0	283.0	320.8	396.3
130°	193.2	183.9	174.6	183.9	193.2	195.5	224.2	262.4	281.5	315.2	382.4
132.5°	199.0	189.7	180.4	189.7	199.0	201.3	227.6	262.7	280.2	310.3	370.5
135°	205.9	197.4	189.0	197.4	205.9	208.0	231.4	262.4	278.0	303.1	353.6
137.5°	214.5	206.1	197.8	206.1	214.5	216.6	237.0	264.0	277.6	298.9	341.5
140°	220.5	212.7	205.0	212.7	220.5	222.4	240.3	264.3	276.3	294.7	331.6
142.5°	224.8	217.8	210.6	217.8	224.8	226.7	243.2	265.2	276.3	292.5	324.8
145°	231.6	225.4	219.2	225.4	231.6	233.2	246.9	265.3	274.4	287.7	314.1
147.5°	239.9	233.9	227.8	233.9	239.9	241.4	252.4	267.1	274.4	284.9	305.7
150°	244.3	238.8	233.4	238.8	244.3	245.7	255.3	268.0	274.4	283.2	300.8
152.5°	247.5	243.3	239.1	243.3	247.5	248.5	257.2	268.7	274.4	282.0	297.0
155°	253.9	250.8	247.7	250.8	253.9	254.6	261.2	270.0	274.4	280.4	292.4
157.5°	260.1	257.1	254.1	257.1	260.1	260.8	265.3	271.4	274.4	279.1	288.4
160°	263.0	260.7	258.4	260.7	263.0	263.6	267.2	272.0	274.4	278.4	286.4
162.5°	266.1	264.4	262.7	264.4	266.1	266.6	269.2	272.7	274.4	277.8	284.5
165°	270.6	268.9	267.4	268.9	270.6	270.9	272.1	273.6	274.4	276.8	281.6
167.5°	273.1	272.4	271.6	272.4	273.1	273.3	274.3	275.6	276.3	277.9	281.1
170°	275.9	275.2	274.4	275.2	275.9	276.1	276.2	276.3	276.3	277.9	281.1
172.5°	276.3	276.1	275.9	276.1	276.3	276.3	276.3	276.3	276.3	277.5	280.0
175°	278.0	278.0	278.0	278.0	278.0	278.0	277.4	276.6	276.3	277.1	278.7
177.5°	278.0	278.0	278.0	278.0	278.0	278.0	277.5	277.0	276.7	277.3	278.6
180°	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0



TEST NUMBER: P934559

CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2	1619.2
2.5°	1562.5	1557.9	1564.0	1547.1	1564.0	1557.9	1562.5	1573.2	1564.0	1570.1	1576.2
5°	1371.0	1363.4	1338.8	1318.9	1338.8	1363.4	1371.0	1403.2	1418.5	1446.1	1482.8
7.5°	1225.5	1219.3	1213.2	1201.0	1213.2	1219.3	1225.5	1234.6	1249.9	1274.5	1302.1
10°	1193.3	1194.8	1204.0	1202.5	1204.0	1194.8	1193.3	1190.2	1185.7	1190.2	1207.0
12.5°	1276.0	1289.8	1340.4	1337.3	1340.4	1289.8	1276.0	1214.7	1173.4	1165.8	1168.7
15°	1371.0	1375.6	1386.3	1387.8	1386.3	1375.6	1371.0	1346.5	1222.4	1168.7	1151.9
17.5°	1380.2	1381.7	1389.3	1389.3	1389.3	1381.7	1380.2	1369.4	1328.1	1256.1	1161.1
20°	1372.5	1375.6	1390.9	1393.9	1390.9	1375.6	1372.5	1358.7	1335.7	1309.7	1237.7
22.5°	1369.4	1375.6	1387.8	1386.3	1387.8	1375.6	1369.4	1348.0	1328.1	1309.7	1280.6
25°	1354.1	1354.1	1355.7	1357.2	1355.7	1354.1	1354.1	1337.3	1297.5	1292.8	1276.0
27.5°	1322.0	1325.1	1334.2	1332.7	1334.2	1325.1	1322.0	1315.8	1272.9	1268.3	1256.1
30°	1292.8	1289.8	1282.2	1276.0	1282.2	1289.8	1292.8	1283.7	1240.8	1228.5	1231.6
32.5°	1243.9	1236.2	1228.5	1224.0	1228.5	1236.2	1243.9	1240.8	1208.6	1191.7	1194.8
35°	1185.7	1187.1	1185.7	1181.1	1185.7	1187.1	1185.7	1188.7	1168.7	1153.4	1151.9
37.5°	1144.3	1147.3	1145.8	1139.7	1145.8	1147.3	1144.3	1141.2	1113.6	1109.0	1112.1
40°	1101.4	1102.9	1101.4	1096.8	1101.4	1102.9	1101.4	1095.2	1057.0	1058.5	1069.2
42.5°	1060.0	1058.5	1053.9	1050.8	1053.9	1058.5	1060.0	1050.8	1001.8	997.2	1017.1
45°	1012.5	1014.1	1004.9	1000.3	1004.9	1014.1	1012.5	1006.4	955.9	943.6	957.4
47.5°	965.1	965.1	957.4	952.8	957.4	965.1	965.1	957.4	903.8	891.5	899.2
50°	914.5	912.9	902.3	900.7	902.3	912.9	914.5	909.9	853.2	842.5	842.5
52.5°	856.3	856.3	857.8	860.9	857.8	856.3	856.3	857.8	807.3	796.5	793.5
55°	805.8	807.3	818.0	821.1	818.0	807.3	805.8	805.8	759.8	749.0	743.0
57.5°	753.6	753.6	761.3	761.3	761.3	753.6	753.6	750.6	706.2	697.0	693.9
60°	693.9	697.0	703.1	701.6	703.1	697.0	693.9	690.8	652.5	646.5	635.7
62.5°	631.1	634.2	635.7	632.6	635.7	634.2	631.1	621.9	598.9	594.3	580.6
65°	565.3	568.4	569.8	566.8	569.8	568.4	565.3	560.7	543.8	536.1	523.9
67.5°	497.8	496.3	494.8	500.9	494.8	496.3	497.8	491.7	481.0	474.8	458.0
70°	428.9	428.9	427.4	430.4	427.4	428.9	428.9	424.3	418.2	413.6	398.3
72.5°	355.4	353.8	360.0	355.4	360.0	353.8	355.4	353.8	350.7	346.2	330.8
75°	283.4	286.5	283.4	288.0	283.4	286.5	283.4	284.9	283.4	280.3	269.6
77.5°	216.0	219.0	216.0	216.0	216.0	219.0	216.0	217.5	217.5	217.5	208.4
80°	153.2	151.6	151.6	150.1	151.6	151.6	153.2	153.2	154.7	151.6	148.6
82.5°	98.0	96.5	96.5	99.6	96.5	96.5	98.0	99.6	96.5	96.5	96.5
85°	53.6	55.1	52.0	52.0	52.0	55.1	53.6	50.5	53.6	53.6	52.0
87.5°	19.9	18.4	18.4	18.4	18.4	18.4	19.9	21.5	21.5	21.5	23.0
90°	7.1	7.1	7.1	7.1	7.1	7.1	7.1	9.4	12.6	14.2	12.2
92.5°	35.5	34.0	28.4	22.7	28.4	34.0	35.5	50.2	70.0	79.8	70.1
95°	120.3	116.0	98.9	81.9	98.9	116.0	120.3	158.0	208.2	233.4	197.1
97.5°	277.8	269.6	237.2	204.7	237.2	269.6	277.8	301.6	333.4	349.2	288.7
100°	390.1	380.4	341.7	303.0	341.7	380.4	390.1	388.4	386.1	384.9	317.7
102.5°	486.0	477.7	444.5	411.4	444.5	477.7	486.0	455.7	415.2	394.9	326.9
105°	597.9	593.5	575.7	557.9	575.7	593.5	597.9	529.9	439.2	393.8	327.9
107.5°	656.2	657.2	661.5	665.8	661.5	657.2	656.2	561.3	434.7	371.5	313.4
110°	671.1	675.7	694.3	712.8	694.3	675.7	671.1	565.0	423.5	352.8	300.4



TEST NUMBER: P934559

CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	661.6	668.7	697.2	725.8	697.2	668.7	661.6	553.0	408.2	335.8	289.1
115°	629.3	639.1	678.7	718.2	678.7	639.1	629.3	524.6	385.1	315.4	276.1
117.5°	584.6	595.6	639.5	683.4	639.5	595.6	584.6	490.2	364.4	301.5	268.0
120°	554.7	565.4	607.9	650.5	607.9	565.4	554.7	468.4	353.4	295.9	265.3
122.5°	524.6	535.1	577.2	619.2	577.2	535.1	524.6	447.0	343.3	291.6	263.9
125°	484.9	494.6	533.2	572.0	533.2	494.6	484.9	418.9	330.9	286.9	262.7
127.5°	452.9	461.1	493.8	526.4	493.8	461.1	452.9	396.3	320.8	283.0	262.0
130°	432.8	440.4	470.6	500.7	470.6	440.4	432.8	382.4	315.2	281.5	262.4
132.5°	415.6	422.4	449.4	476.5	449.4	422.4	415.6	370.5	310.3	280.2	262.7
135°	391.4	397.2	420.5	443.8	420.5	397.2	391.4	353.6	303.1	278.0	262.4
137.5°	373.5	378.3	397.3	416.4	397.3	378.3	373.5	341.5	298.9	277.6	264.0
140°	359.2	363.6	381.4	399.3	381.4	363.6	359.2	331.6	294.7	276.3	264.3
142.5°	349.0	352.8	368.2	383.6	368.2	352.8	349.0	324.8	292.5	276.3	265.2
145°	333.9	336.8	348.5	360.1	348.5	336.8	333.9	314.1	287.7	274.4	265.3
147.5°	321.2	323.7	333.3	342.9	333.3	323.7	321.2	305.7	284.9	274.4	267.1
150°	314.0	316.0	323.8	331.6	323.8	316.0	314.0	300.8	283.2	274.4	268.0
152.5°	308.2	309.7	315.5	321.4	315.5	309.7	308.2	297.0	282.0	274.4	268.7
155°	301.3	302.3	306.2	310.1	306.2	302.3	301.3	292.4	280.4	274.4	270.0
157.5°	295.4	296.1	298.8	301.5	298.8	296.1	295.4	288.4	279.1	274.4	271.4
160°	292.4	292.7	294.4	295.9	294.4	292.7	292.4	286.4	278.4	274.4	272.0
162.5°	289.6	289.9	291.5	292.9	291.5	289.9	289.6	284.5	277.8	274.4	272.7
165°	285.2	285.6	287.2	288.8	287.2	285.6	285.2	281.6	276.8	274.4	273.6
167.5°	283.4	283.6	284.2	284.9	284.2	283.6	283.4	281.1	277.9	276.3	275.6
170°	283.4	283.4	283.4	283.4	283.4	283.4	283.4	281.1	277.9	276.3	276.3
172.5°	281.9	281.7	281.1	280.6	281.1	281.7	281.9	280.0	277.5	276.3	276.3
175°	279.9	279.9	279.9	279.9	279.9	279.9	279.9	278.7	277.1	276.3	276.6
177.5°	279.5	279.3	278.7	278.0	278.7	279.3	279.5	278.6	277.3	276.7	277.0
180°	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0	278.0



TEST NUMBER: P934559

CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1619.2	1619.2	1619.2	1619.2	1619.2
2.5°	1599.2	1606.8	1611.5	1617.6	1632.9
5°	1538.0	1567.0	1576.2	1599.2	1626.8
7.5°	1403.2	1492.0	1516.5	1571.6	1614.5
10°	1272.9	1361.8	1404.7	1534.9	1599.2
12.5°	1207.0	1259.2	1288.2	1470.5	1577.8
15°	1165.8	1202.5	1224.0	1384.8	1553.3
17.5°	1133.5	1159.6	1174.9	1300.5	1519.6
20°	1113.6	1125.9	1139.7	1239.3	1481.3
22.5°	1099.9	1092.2	1102.9	1196.4	1429.2
25°	1090.6	1061.6	1073.8	1162.7	1367.9
27.5°	1098.3	1034.0	1038.6	1132.0	1303.6
30°	1099.9	1000.3	1001.8	1099.9	1231.6
32.5°	1089.1	965.1	966.6	1060.0	1150.4
35°	1063.1	923.7	922.2	1014.1	1040.1
37.5°	1027.8	879.3	879.3	963.5	919.1
40°	985.0	834.8	839.4	897.6	811.8
42.5°	932.9	787.4	793.5	810.3	732.2
45°	876.2	741.4	746.0	684.8	670.9
47.5°	813.4	693.9	695.4	568.4	651.0
50°	738.3	644.9	638.8	487.2	649.5
52.5°	672.4	591.3	572.9	441.2	589.7
55°	608.2	534.6	494.8	406.0	546.9
57.5°	551.4	461.1	422.8	364.6	537.7
60°	499.4	389.0	360.0	320.2	493.2
62.5°	456.5	335.5	329.3	289.5	447.3
65°	410.5	298.7	297.2	263.5	379.9
67.5°	366.1	274.2	272.6	239.0	289.5
70°	318.6	248.2	245.1	212.9	214.4
72.5°	269.6	219.0	216.0	191.4	177.7
75°	220.6	185.4	183.8	167.0	144.0
77.5°	173.1	147.1	150.1	134.8	105.7
80°	124.1	107.3	110.2	96.5	79.7
82.5°	82.7	70.4	73.5	61.3	53.6
85°	46.0	39.8	41.4	32.1	24.5
87.5°	21.5	18.4	18.4	12.2	7.7
90°	8.2	5.2	4.9	3.3	1.9
92.5°	50.6	36.0	32.9	20.1	7.4
95°	124.6	70.1	64.4	41.1	17.9
97.5°	167.7	77.0	71.9	51.4	31.0
100°	183.5	82.8	78.2	59.6	41.0
102.5°	190.7	88.6	84.3	67.0	49.6
105°	196.1	97.2	93.5	78.8	64.2
107.5°	197.1	109.9	106.4	92.8	79.1
110°	195.6	116.9	113.9	101.5	89.2



TEST NUMBER: P934559
 CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	195.6	125.5	122.6	110.8	99.0
115°	197.4	138.4	135.7	124.8	114.0
117.5°	201.1	150.9	148.4	138.6	128.7
120°	204.1	158.2	155.9	146.6	137.3
122.5°	208.4	166.8	164.5	155.1	145.7
125°	214.2	177.8	175.6	167.1	158.6
127.5°	220.0	188.5	186.3	177.7	169.0
130°	224.2	195.5	193.2	183.9	174.6
132.5°	227.6	201.3	199.0	189.7	180.4
135°	231.4	208.0	205.9	197.4	189.0
137.5°	237.0	216.6	214.5	206.1	197.8
140°	240.3	222.4	220.5	212.7	205.0
142.5°	243.2	226.7	224.8	217.8	210.6
145°	246.9	233.2	231.6	225.4	219.2
147.5°	252.4	241.4	239.9	233.9	227.8
150°	255.3	245.7	244.3	238.8	233.4
152.5°	257.2	248.5	247.5	243.3	239.1
155°	261.2	254.6	253.9	250.8	247.7
157.5°	265.3	260.8	260.1	257.1	254.1
160°	267.2	263.6	263.0	260.7	258.4
162.5°	269.2	266.6	266.1	264.4	262.7
165°	272.1	270.9	270.6	268.9	267.4
167.5°	274.3	273.3	273.1	272.4	271.6
170°	276.2	276.1	275.9	275.2	274.4
172.5°	276.3	276.3	276.3	276.1	275.9
175°	277.4	278.0	278.0	278.0	278.0
177.5°	277.5	278.0	278.0	278.0	278.0
180°	278.0	278.0	278.0	278.0	278.0



TEST NUMBER: P934559
 CATALOG NUMBER: SQ4-FA-050U-125D-93050-1D-UNV-STD-W-4-4000K

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	15.88	16.95	16.64	17.74	18.69	18.67	19.75	19.44	20.53	21.49
	3H	16.37	17.33	17.15	18.13	19.11	20.02	20.99	20.80	21.79	22.77
	4H	16.57	17.48	17.37	18.29	19.28	20.47	21.38	21.27	22.19	23.18
	6H	16.70	17.54	17.51	18.35	19.36	20.76	21.60	21.57	22.41	23.42
	8H	16.71	17.51	17.53	18.34	19.35	20.84	21.64	21.65	22.47	23.48
	12H	16.69	17.45	17.51	18.27	19.31	20.88	21.64	21.70	22.47	23.50
4H	2H	16.93	17.84	17.73	18.64	19.64	19.11	20.02	19.91	20.82	21.82
	3H	17.97	18.73	18.78	19.57	20.58	20.63	21.38	21.44	22.22	23.24
	4H	18.26	18.95	19.08	19.79	20.83	21.16	21.85	21.98	22.68	23.72
	6H	18.40	18.99	19.24	19.85	20.90	21.53	22.12	22.37	22.98	24.03
	8H	18.41	18.96	19.25	19.82	20.88	21.63	22.19	22.48	23.05	24.10
	12H	18.38	18.89	19.25	19.76	20.83	21.69	22.20	22.56	23.07	24.14
8H	4H	18.72	19.28	19.57	20.14	21.20	21.30	21.86	22.14	22.71	23.77
	6H	18.99	19.46	19.87	20.35	21.41	21.74	22.20	22.61	23.10	24.15
	8H	19.04	19.45	19.92	20.34	21.42	21.88	22.29	22.77	23.19	24.26
	12H	19.03	19.39	19.92	20.28	21.41	21.99	22.35	22.87	23.23	24.36
12H	4H	18.74	19.24	19.60	20.12	21.18	21.27	21.77	22.14	22.65	23.72
	6H	19.05	19.46	19.94	20.36	21.43	21.73	22.14	22.62	23.04	24.11
	8H	19.13	19.49	20.02	20.38	21.51	21.90	22.26	22.79	23.15	24.28