

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: P934535

Luminaire Tested: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-4-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934535
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-92765-1D-UNV-STD-W-4-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

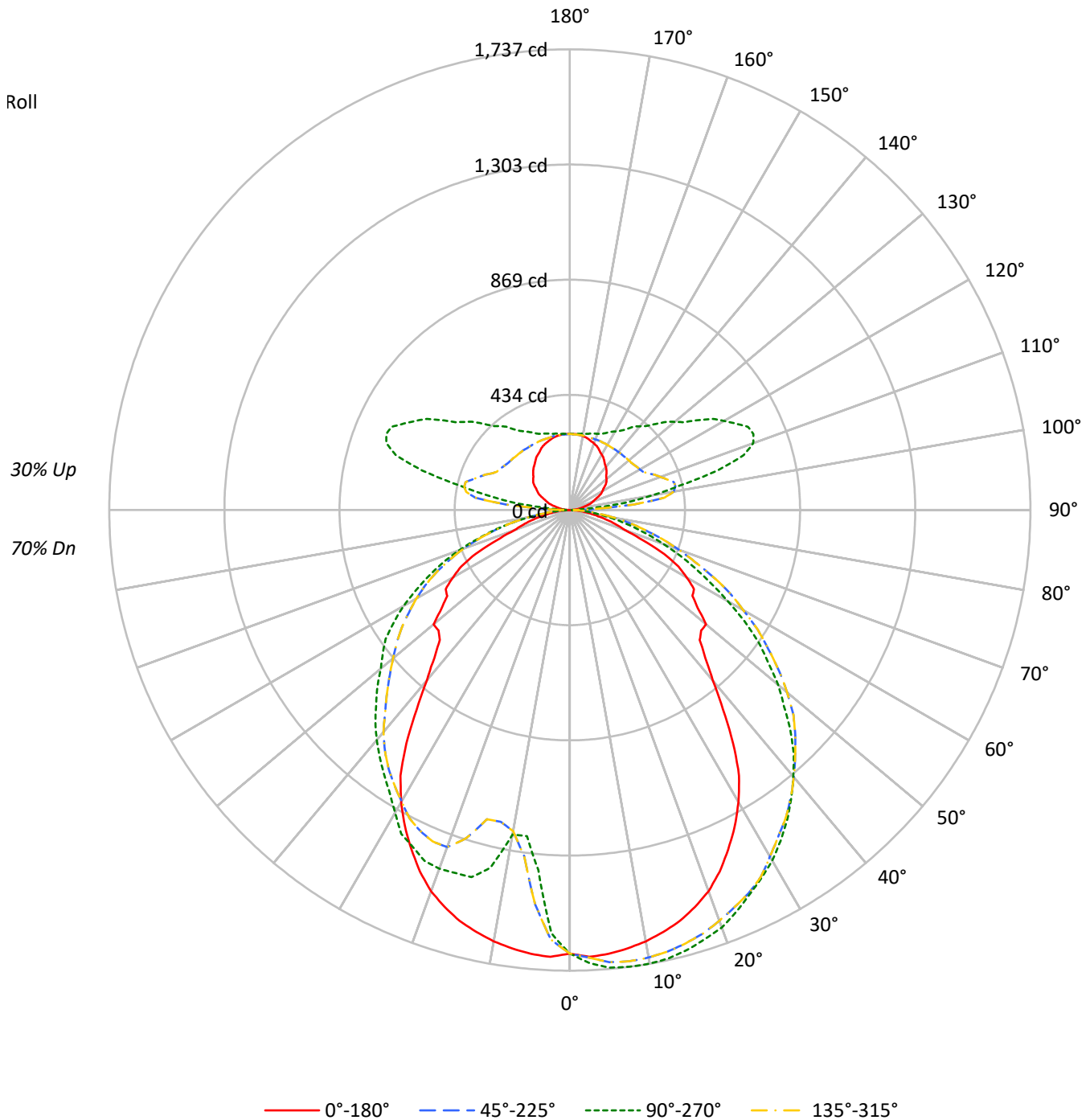
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 6197.1 lumens
Efficiency: N/A
Efficacy: 110.7 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: P934535
CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-4-5000K

Luminous Intensity Polar Plot





TEST NUMBER: P934535

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-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	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°	15515	15515	15515	15515
5°	15614	15661	15614	12315
10°	15492	15428	15492	11030
15°	15306	15093	15306	12603
20°	14968	14698	14968	12629
25°	14295	14119	14295	12362
30°	13433	13640	13433	11775
35°	11958	13034	11958	11128
40°	9946	12319	9946	10641
45°	8870	11484	8870	10079
50°	9402	10487	9402	9516
55°	8821	9413	8821	9191
60°	9060	7995	9060	8418
65°	8175	6609	8175	7388
70°	5621	5268	5621	6193
75°	4876	3894	4876	4662
80°	3852	2575	3852	2802
85°	2095	1364	2095	1157

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13620 cd/sqm



TEST NUMBER: P934535

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-4-5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	150.9	2.4
10°-20°	428.5	6.9
20°-30°	662.4	10.7
30°-40°	790.8	12.8
40°-50°	795.4	12.8
50°-60°	692.1	11.2
60°-70°	490.7	7.9
70°-80°	259.6	4.2
80°-90°	65.7	1.1
90°-100°	139.9	2.3
100°-110°	367.9	5.9
110°-120°	381.4	6.2
120°-130°	306.0	4.9
130°-140°	240.1	3.9
140°-150°	184.3	3.0
150°-160°	132.7	2.1
160°-170°	81.2	1.3
170°-180°	27.4	0.4
0°-30°	1241.9	20.0
0°-40°	2032.6	32.8
0°-60°	3520.2	56.8
0°-90°	4336.2	70.0
90°-120°	889.2	14.3
90°-150°	1619.5	26.1
90°-180°	1861.0	30.0
0°-180°	6197.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1672	1672	1672	1672	1672	
5°	1680	1732	1680	1362	1680	159
15°	1604	1716	1604	1433	1604	451
25°	1412	1601	1412	1402	1412	649
35°	1074	1428	1074	1220	1074	664
45°	693	1177	693	1033	693	555
55°	565	868	565	848	565	519
65°	392	524	392	585	392	375
75°	149	248	149	297	149	156
85°	25	63	25	54	25	34
90°	2	7	2	7	2	3
95°	18	85	18	85	18	21
105°	66	576	66	576	66	70
115°	118	742	118	742	118	116
125°	164	591	164	591	164	145
135°	195	458	195	458	195	151
145°	226	372	226	372	226	142
155°	256	320	256	320	256	118
165°	276	298	276	298	276	78
175°	287	289	287	289	287	27
180°	287	287	287	287	287	



TEST NUMBER: P934535

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0
2.5°	1686.2	1686.2	1695.7	1698.9	1698.9	1694.2	1689.4	1694.2	1708.4	1713.1	1711.5
5°	1679.9	1692.6	1710.0	1713.1	1716.3	1714.7	1711.5	1714.7	1730.5	1733.7	1735.3
7.5°	1667.2	1691.0	1713.1	1717.9	1722.6	1717.9	1716.3	1719.5	1735.3	1738.5	1738.5
10°	1651.4	1684.6	1710.0	1713.1	1717.9	1713.1	1713.1	1719.5	1735.3	1738.5	1740.0
12.5°	1629.3	1675.2	1698.9	1702.0	1708.4	1706.8	1705.2	1711.5	1727.3	1730.5	1730.5
15°	1604.0	1657.8	1679.9	1683.0	1694.2	1691.0	1691.0	1697.3	1714.7	1719.5	1717.9
17.5°	1569.2	1635.6	1660.9	1665.6	1673.6	1672.0	1673.6	1679.9	1695.7	1698.9	1700.4
20°	1529.6	1605.5	1635.6	1640.3	1648.3	1648.3	1648.3	1656.2	1672.0	1678.4	1678.4
22.5°	1475.8	1574.0	1605.5	1608.7	1618.2	1618.2	1621.3	1632.5	1646.7	1648.3	1648.3
25°	1412.5	1539.1	1566.0	1575.5	1585.0	1589.7	1594.5	1600.8	1605.5	1604.0	1605.5
27.5°	1346.2	1494.8	1529.6	1535.9	1548.6	1553.4	1559.7	1561.2	1562.8	1567.6	1564.4
30°	1271.8	1433.1	1485.3	1491.7	1512.3	1515.3	1509.1	1512.3	1520.1	1523.3	1526.5
32.5°	1187.9	1341.4	1439.4	1453.7	1472.7	1463.2	1461.6	1466.4	1479.0	1479.0	1482.2
35°	1074.1	1270.2	1396.7	1409.4	1423.7	1412.5	1418.9	1420.5	1428.4	1433.1	1431.6
37.5°	949.1	1208.5	1352.4	1362.0	1373.0	1358.8	1368.3	1373.0	1379.3	1376.2	1376.2
40°	838.3	1112.0	1300.3	1306.6	1316.1	1305.0	1314.5	1317.7	1320.8	1317.7	1316.1
42.5°	756.1	1006.0	1244.9	1252.8	1246.4	1254.4	1257.6	1263.9	1259.1	1252.8	1252.8
45°	692.8	977.6	1184.7	1194.3	1184.7	1197.5	1202.2	1202.2	1187.9	1184.7	1183.2
47.5°	672.2	920.6	1124.6	1124.6	1120.0	1135.8	1143.6	1132.6	1118.4	1113.6	1113.6
50°	670.7	857.3	1042.4	1036.1	1058.3	1077.2	1069.3	1058.3	1047.2	1029.8	1029.8
52.5°	609.0	779.8	936.5	960.1	995.0	1006.0	993.4	982.3	963.3	955.5	949.1
55°	564.7	699.2	839.9	887.4	923.8	938.0	914.3	903.2	874.8	870.0	866.8
57.5°	555.2	582.1	751.4	811.5	855.7	854.2	839.9	819.4	795.6	790.9	789.4
60°	509.3	420.8	656.4	727.7	773.5	768.8	756.1	737.1	715.0	711.8	708.7
62.5°	461.9	305.3	548.9	629.5	694.4	692.8	681.8	653.3	637.5	629.5	623.3
65°	392.3	256.3	390.7	523.6	616.9	620.1	596.3	575.8	558.4	548.9	547.3
67.5°	298.9	208.8	264.1	436.6	542.6	539.4	509.3	499.9	477.7	473.0	463.5
70°	221.4	139.2	183.5	354.3	469.8	461.9	438.2	427.1	406.5	395.5	389.1
72.5°	183.5	112.4	134.4	275.3	395.5	385.9	365.4	352.8	335.4	325.8	319.5
75°	148.7	118.6	102.8	204.0	321.1	314.8	295.8	283.1	268.9	256.3	257.8
77.5°	109.2	110.8	82.3	150.3	254.7	245.2	234.1	218.3	212.0	199.3	199.3
80°	82.3	87.0	61.7	102.8	183.5	183.5	174.0	162.9	151.9	145.5	145.5
82.5°	55.3	55.3	45.9	64.9	125.0	120.2	113.8	110.8	104.4	101.2	101.2
85°	25.3	31.6	28.5	39.5	68.0	71.2	71.2	68.0	66.5	63.3	64.9
87.5°	7.9	14.2	17.4	22.2	34.8	36.4	37.9	37.9	37.9	39.5	39.5
90°	2.0	3.5	5.0	5.4	8.5	12.6	14.7	13.0	9.7	7.3	7.3
92.5°	7.7	20.8	33.9	37.2	52.3	72.3	82.4	72.3	51.9	36.6	35.1
95°	18.5	42.4	66.5	72.4	128.6	203.5	241.0	215.0	163.1	124.2	119.8
97.5°	32.0	53.1	74.2	79.5	173.2	298.2	360.6	344.3	311.4	286.9	278.4
100°	42.3	61.5	80.8	85.5	189.5	328.1	397.4	398.7	401.1	402.9	392.9
102.5°	51.2	69.2	87.0	91.5	196.9	337.5	407.8	428.7	470.5	501.8	493.2
105°	66.3	81.4	96.6	100.4	202.5	338.6	406.7	453.5	547.2	617.5	612.9
107.5°	81.7	95.8	109.9	113.5	203.5	323.6	383.6	448.9	579.6	677.6	678.7
110°	92.1	104.8	117.6	120.8	202.0	310.2	364.3	437.3	583.4	693.0	697.8



TEST NUMBER: P934535

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	102.3	114.4	126.6	129.6	202.0	298.5	346.8	421.6	571.0	683.2	690.6
115°	117.7	128.9	140.1	142.9	203.9	285.1	325.7	397.7	541.8	649.8	660.0
117.5°	132.9	143.1	153.3	155.8	207.7	276.8	311.4	376.3	506.2	603.7	615.0
120°	141.8	151.4	161.0	163.4	210.8	274.0	305.6	364.9	483.7	572.8	583.8
122.5°	150.5	160.2	169.8	172.3	215.2	272.5	301.1	354.5	461.6	541.8	552.6
125°	163.8	172.5	181.3	183.6	221.2	271.3	296.3	341.7	432.6	500.7	510.7
127.5°	174.5	183.5	192.4	194.6	227.1	270.6	292.3	331.3	409.2	467.7	476.1
130°	180.3	189.9	199.5	201.9	231.5	271.0	290.7	325.5	394.9	447.0	454.7
132.5°	186.3	195.9	205.4	207.9	235.1	271.3	289.4	320.4	382.6	429.2	436.2
135°	195.2	203.9	212.6	214.8	238.9	271.0	287.0	313.0	365.1	404.2	410.1
137.5°	204.2	212.8	221.5	223.7	244.7	272.7	286.7	308.6	352.7	385.7	390.6
140°	211.7	219.7	227.7	229.7	248.2	272.9	285.3	304.3	342.4	370.9	375.5
142.5°	217.5	224.9	232.2	234.1	251.2	273.9	285.3	302.0	335.4	360.4	364.3
145°	226.4	232.7	239.2	240.8	255.0	274.0	283.4	297.0	324.3	344.8	347.8
147.5°	235.3	241.5	247.7	249.3	260.7	275.8	283.4	294.2	315.7	331.7	334.3
150°	241.0	246.6	252.3	253.7	263.6	276.8	283.4	292.5	310.6	324.2	326.3
152.5°	246.9	251.2	255.5	256.6	265.5	277.4	283.4	291.2	306.7	318.3	319.8
155°	255.8	259.0	262.2	262.9	269.8	278.8	283.4	289.6	301.9	311.2	312.2
157.5°	262.4	265.5	268.5	269.3	274.0	280.2	283.4	288.2	297.8	305.0	305.7
160°	266.9	269.2	271.6	272.2	275.9	280.9	283.4	287.5	295.7	301.9	302.3
162.5°	271.3	273.0	274.8	275.3	278.0	281.6	283.4	286.9	293.8	299.0	299.4
165°	276.1	277.7	279.4	279.8	281.0	282.6	283.4	285.8	290.8	294.5	294.9
167.5°	280.5	281.3	282.0	282.2	283.2	284.6	285.3	287.0	290.2	292.7	292.8
170°	283.4	284.2	284.9	285.1	285.2	285.3	285.3	287.0	290.2	292.7	292.7
172.5°	284.9	285.1	285.3	285.3	285.3	285.3	285.3	286.6	289.1	291.1	290.9
175°	287.0	287.0	287.0	287.0	286.5	285.6	285.3	286.1	287.8	289.0	289.0
177.5°	287.0	287.0	287.0	287.0	286.6	286.0	285.7	286.4	287.7	288.6	288.5
180°	287.0	287.0	287.0	287.0	287.0	287.0	287.0	287.0	287.0	287.0	287.0



TEST NUMBER: P934535

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0
2.5°	1714.7	1710.0	1714.7	1711.5	1713.1	1708.4	1694.2	1689.4	1694.2	1698.9	1698.9
5°	1735.3	1732.1	1735.3	1735.3	1733.7	1730.5	1714.7	1711.5	1714.7	1716.3	1713.1
7.5°	1741.5	1736.9	1741.5	1738.5	1738.5	1735.3	1719.5	1716.3	1717.9	1722.6	1717.9
10°	1741.5	1736.9	1741.5	1740.0	1738.5	1735.3	1719.5	1713.1	1713.1	1717.9	1713.1
12.5°	1733.7	1730.5	1733.7	1730.5	1730.5	1727.3	1711.5	1705.2	1706.8	1708.4	1702.0
15°	1721.0	1716.3	1721.0	1717.9	1719.5	1714.7	1697.3	1691.0	1691.0	1694.2	1683.0
17.5°	1702.0	1695.7	1702.0	1700.4	1698.9	1695.7	1679.9	1673.6	1672.0	1673.6	1665.6
20°	1679.9	1675.2	1679.9	1678.4	1678.4	1672.0	1656.2	1648.3	1648.3	1648.3	1640.3
22.5°	1645.1	1640.3	1645.1	1648.3	1648.3	1646.7	1632.5	1621.3	1618.2	1618.2	1608.7
25°	1605.5	1600.8	1605.5	1605.5	1604.0	1605.5	1600.8	1594.5	1589.7	1585.0	1575.5
27.5°	1567.6	1564.4	1567.6	1564.4	1567.6	1562.8	1561.2	1559.7	1553.4	1548.6	1535.9
30°	1529.6	1526.5	1529.6	1526.5	1523.3	1520.1	1512.3	1509.1	1515.3	1512.3	1491.7
32.5°	1482.2	1479.0	1482.2	1482.2	1479.0	1479.0	1466.4	1461.6	1463.2	1472.7	1453.7
35°	1433.1	1428.4	1433.1	1431.6	1433.1	1428.4	1420.5	1418.9	1412.5	1423.7	1409.4
37.5°	1376.2	1371.4	1376.2	1376.2	1376.2	1379.3	1373.0	1368.3	1358.8	1373.0	1362.0
40°	1317.7	1311.3	1317.7	1316.1	1317.7	1320.8	1317.7	1314.5	1305.0	1316.1	1306.6
42.5°	1251.2	1249.6	1251.2	1252.8	1252.8	1259.1	1263.9	1257.6	1254.4	1246.4	1252.8
45°	1180.1	1176.9	1180.1	1183.2	1184.7	1187.9	1202.2	1202.2	1197.5	1184.7	1194.3
47.5°	1104.1	1096.2	1104.1	1113.6	1113.6	1118.4	1132.6	1143.6	1135.8	1120.0	1124.6
50°	1023.4	1025.0	1023.4	1029.8	1029.8	1047.2	1058.3	1069.3	1077.2	1058.3	1036.1
52.5°	944.3	942.7	944.3	949.1	955.5	963.3	982.3	993.4	1006.0	995.0	960.1
55°	865.3	868.4	865.3	866.8	870.0	874.8	903.2	914.3	938.0	923.8	887.4
57.5°	786.2	781.4	786.2	789.4	790.9	795.6	819.4	839.9	854.2	855.7	811.5
60°	694.4	688.1	694.4	708.7	711.8	715.0	737.1	756.1	768.8	773.5	727.7
62.5°	613.7	602.7	613.7	623.3	629.5	637.5	653.3	681.8	692.8	694.4	629.5
65°	528.3	523.6	528.3	547.3	548.9	558.4	575.8	596.3	620.1	616.9	523.6
67.5°	450.8	450.8	450.8	463.5	473.0	477.7	499.9	509.3	539.4	542.6	436.6
70°	379.7	378.1	379.7	389.1	395.5	406.5	427.1	438.2	461.9	469.8	354.3
72.5°	311.6	310.0	311.6	319.5	325.8	335.4	352.8	365.4	385.9	395.5	275.3
75°	251.5	248.4	251.5	257.8	256.3	268.9	283.1	295.8	314.8	321.1	204.0
77.5°	193.0	193.0	193.0	199.3	199.3	212.0	218.3	234.1	245.2	254.7	150.3
80°	143.9	142.4	143.9	145.5	145.5	151.9	162.9	174.0	183.5	183.5	102.8
82.5°	101.2	98.1	101.2	101.2	101.2	104.4	110.8	113.8	120.2	125.0	64.9
85°	63.3	63.3	63.3	64.9	63.3	66.5	68.0	71.2	71.2	68.0	39.5
87.5°	41.1	39.5	41.1	39.5	39.5	37.9	37.9	37.9	36.4	34.8	22.2
90°	7.3	7.3	7.3	7.3	7.3	9.7	13.0	14.7	12.6	8.5	5.4
92.5°	29.3	23.5	29.3	35.1	36.6	51.9	72.3	82.4	72.3	52.3	37.2
95°	102.2	84.6	102.2	119.8	124.2	163.1	215.0	241.0	203.5	128.6	72.4
97.5°	244.9	211.3	244.9	278.4	286.9	311.4	344.3	360.6	298.2	173.2	79.5
100°	352.9	312.8	352.9	392.9	402.9	401.1	398.7	397.4	328.1	189.5	85.5
102.5°	459.0	424.8	459.0	493.2	501.8	470.5	428.7	407.8	337.5	196.9	91.5
105°	594.5	576.1	594.5	612.9	617.5	547.2	453.5	406.7	338.6	202.5	100.4
107.5°	683.1	687.6	683.1	678.7	677.6	579.6	448.9	383.6	323.6	203.5	113.5
110°	716.9	736.1	716.9	697.8	693.0	583.4	437.3	364.3	310.2	202.0	120.8



TEST NUMBER: P934535

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	720.0	749.4	720.0	690.6	683.2	571.0	421.6	346.8	298.5	202.0	129.6
115°	700.8	741.7	700.8	660.0	649.8	541.8	397.7	325.7	285.1	203.9	142.9
117.5°	660.4	705.7	660.4	615.0	603.7	506.2	376.3	311.4	276.8	207.7	155.8
120°	627.7	671.8	627.7	583.8	572.8	483.7	364.9	305.6	274.0	210.8	163.4
122.5°	596.1	639.4	596.1	552.6	541.8	461.6	354.5	301.1	272.5	215.2	172.3
125°	550.6	590.6	550.6	510.7	500.7	432.6	341.7	296.3	271.3	221.2	183.6
127.5°	509.9	543.6	509.9	476.1	467.7	409.2	331.3	292.3	270.6	227.1	194.6
130°	486.0	517.1	486.0	454.7	447.0	394.9	325.5	290.7	271.0	231.5	201.9
132.5°	464.1	492.0	464.1	436.2	429.2	382.6	320.4	289.4	271.3	235.1	207.9
135°	434.3	458.3	434.3	410.1	404.2	365.1	313.0	287.0	271.0	238.9	214.8
137.5°	410.2	430.0	410.2	390.6	385.7	352.7	308.6	286.7	272.7	244.7	223.7
140°	393.9	412.3	393.9	375.5	370.9	342.4	304.3	285.3	272.9	248.2	229.7
142.5°	380.2	396.1	380.2	364.3	360.4	335.4	302.0	285.3	273.9	251.2	234.1
145°	359.9	371.8	359.9	347.8	344.8	324.3	297.0	283.4	274.0	255.0	240.8
147.5°	344.2	354.1	344.2	334.3	331.7	315.7	294.2	283.4	275.8	260.7	249.3
150°	334.3	342.4	334.3	326.3	324.2	310.6	292.5	283.4	276.8	263.6	253.7
152.5°	325.8	331.9	325.8	319.8	318.3	306.7	291.2	283.4	277.4	265.5	256.6
155°	316.2	320.2	316.2	312.2	311.2	301.9	289.6	283.4	278.8	269.8	262.9
157.5°	308.5	311.4	308.5	305.7	305.0	297.8	288.2	283.4	280.2	274.0	269.3
160°	304.0	305.6	304.0	302.3	301.9	295.7	287.5	283.4	280.9	275.9	272.2
162.5°	301.0	302.5	301.0	299.4	299.0	293.8	286.9	283.4	281.6	278.0	275.3
165°	296.6	298.3	296.6	294.9	294.5	290.8	285.8	283.4	282.6	281.0	279.8
167.5°	293.5	294.2	293.5	292.8	292.7	290.2	287.0	285.3	284.6	283.2	282.2
170°	292.7	292.7	292.7	292.7	292.7	290.2	287.0	285.3	285.3	285.2	285.1
172.5°	290.3	289.8	290.3	290.9	291.1	289.1	286.6	285.3	285.3	285.3	285.3
175°	289.0	289.0	289.0	289.0	289.0	287.8	286.1	285.3	285.6	286.5	287.0
177.5°	287.8	287.0	287.8	288.5	288.6	287.7	286.4	285.7	286.0	286.6	287.0
180°	287.0	287.0	287.0	287.0	287.0	287.0	287.0	287.0	287.0	287.0	287.0



TEST NUMBER: P934535

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0
2.5°	1695.7	1686.2	1686.2	1670.4	1664.1	1659.3	1651.4	1627.7	1621.3	1615.1	1624.5
5°	1710.0	1692.6	1679.9	1651.4	1627.7	1618.2	1588.2	1531.2	1493.3	1464.8	1449.0
7.5°	1713.1	1691.0	1667.2	1622.9	1566.0	1540.7	1449.0	1344.6	1316.1	1290.7	1274.9
10°	1710.0	1684.6	1651.4	1585.0	1450.6	1406.3	1314.5	1246.4	1229.0	1224.4	1229.0
12.5°	1698.9	1675.2	1629.3	1518.5	1330.3	1300.3	1246.4	1206.9	1203.8	1211.7	1254.4
15°	1679.9	1657.8	1604.0	1430.0	1263.9	1241.8	1203.8	1189.5	1206.9	1262.3	1390.5
17.5°	1660.9	1635.6	1569.2	1343.0	1213.2	1197.5	1170.5	1199.0	1297.1	1371.4	1414.1
20°	1635.6	1605.5	1529.6	1279.7	1176.9	1162.7	1150.0	1278.1	1352.4	1379.3	1403.1
22.5°	1605.5	1574.0	1475.8	1235.4	1138.9	1127.8	1135.8	1322.4	1352.4	1371.4	1392.0
25°	1566.0	1539.1	1412.5	1200.6	1108.8	1096.2	1126.2	1317.7	1335.0	1339.8	1380.9
27.5°	1529.6	1494.8	1346.2	1168.9	1072.5	1067.7	1134.2	1297.1	1309.7	1314.5	1358.8
30°	1485.3	1433.1	1271.8	1135.8	1034.5	1032.9	1135.8	1271.8	1268.6	1281.3	1325.6
32.5°	1439.4	1341.4	1187.9	1094.6	998.2	996.6	1124.6	1233.8	1230.6	1248.0	1281.3
35°	1396.7	1270.2	1074.1	1047.2	952.3	953.9	1097.8	1189.5	1191.1	1206.9	1227.5
37.5°	1352.4	1208.5	949.1	995.0	908.0	908.0	1061.4	1148.4	1145.2	1150.0	1178.5
40°	1300.3	1112.0	838.3	926.9	866.8	862.1	1017.1	1104.1	1093.0	1091.5	1131.0
42.5°	1244.9	1006.0	756.1	836.7	819.4	813.1	963.3	1050.3	1029.8	1034.5	1085.1
45°	1184.7	977.6	692.8	707.1	770.4	765.6	904.8	988.6	974.4	987.0	1039.3
47.5°	1124.6	920.6	672.2	586.9	718.1	716.5	839.9	928.5	920.6	933.3	988.6
50°	1042.4	857.3	670.7	503.1	659.6	666.0	762.4	870.0	870.0	881.1	939.6
52.5°	936.5	779.8	609.0	455.6	591.6	610.5	694.4	819.4	822.5	833.7	885.8
55°	839.9	699.2	564.7	419.2	510.9	552.0	628.0	767.2	773.5	784.6	832.1
57.5°	751.4	582.1	555.2	376.5	436.6	476.1	569.4	716.5	719.7	729.3	775.1
60°	656.4	420.8	509.3	330.6	371.7	401.7	515.7	656.4	667.6	673.8	713.4
62.5°	548.9	305.3	461.9	298.9	340.0	346.4	471.4	599.5	613.7	618.5	642.2
65°	390.7	256.3	392.3	272.1	306.9	308.5	423.9	541.0	553.6	561.6	579.0
67.5°	264.1	208.8	298.9	246.8	281.5	283.1	378.1	473.0	490.3	496.7	507.7
70°	183.5	139.2	221.4	219.8	253.1	256.3	329.0	411.3	427.1	431.8	438.2
72.5°	134.4	112.4	183.5	197.7	223.0	226.2	278.4	341.6	357.5	362.2	365.4
75°	102.8	118.6	148.7	172.5	189.8	191.4	227.8	278.4	289.5	292.7	294.2
77.5°	82.3	110.8	109.2	139.2	155.0	151.9	178.7	215.2	224.6	224.6	224.6
80°	61.7	87.0	82.3	99.6	113.8	110.8	128.1	153.5	156.6	159.7	158.2
82.5°	45.9	55.3	55.3	63.3	75.9	72.7	85.4	99.6	99.6	99.6	102.8
85°	28.5	31.6	25.3	33.2	42.7	41.1	47.5	53.7	55.3	55.3	52.2
87.5°	17.4	14.2	7.9	12.6	19.0	19.0	22.2	23.7	22.2	22.2	22.2
90°	5.0	3.5	2.0	3.5	5.0	5.4	8.5	12.6	14.7	13.0	9.7
92.5°	33.9	20.8	7.7	20.8	33.9	37.2	52.3	72.3	82.4	72.3	51.9
95°	66.5	42.4	18.5	42.4	66.5	72.4	128.6	203.5	241.0	215.0	163.1
97.5°	74.2	53.1	32.0	53.1	74.2	79.5	173.2	298.2	360.6	344.3	311.4
100°	80.8	61.5	42.3	61.5	80.8	85.5	189.5	328.1	397.4	398.7	401.1
102.5°	87.0	69.2	51.2	69.2	87.0	91.5	196.9	337.5	407.8	428.7	470.5
105°	96.6	81.4	66.3	81.4	96.6	100.4	202.5	338.6	406.7	453.5	547.2
107.5°	109.9	95.8	81.7	95.8	109.9	113.5	203.5	323.6	383.6	448.9	579.6
110°	117.6	104.8	92.1	104.8	117.6	120.8	202.0	310.2	364.3	437.3	583.4



TEST NUMBER: P934535

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	126.6	114.4	102.3	114.4	126.6	129.6	202.0	298.5	346.8	421.6	571.0
115°	140.1	128.9	117.7	128.9	140.1	142.9	203.9	285.1	325.7	397.7	541.8
117.5°	153.3	143.1	132.9	143.1	153.3	155.8	207.7	276.8	311.4	376.3	506.2
120°	161.0	151.4	141.8	151.4	161.0	163.4	210.8	274.0	305.6	364.9	483.7
122.5°	169.8	160.2	150.5	160.2	169.8	172.3	215.2	272.5	301.1	354.5	461.6
125°	181.3	172.5	163.8	172.5	181.3	183.6	221.2	271.3	296.3	341.7	432.6
127.5°	192.4	183.5	174.5	183.5	192.4	194.6	227.1	270.6	292.3	331.3	409.2
130°	199.5	189.9	180.3	189.9	199.5	201.9	231.5	271.0	290.7	325.5	394.9
132.5°	205.4	195.9	186.3	195.9	205.4	207.9	235.1	271.3	289.4	320.4	382.6
135°	212.6	203.9	195.2	203.9	212.6	214.8	238.9	271.0	287.0	313.0	365.1
137.5°	221.5	212.8	204.2	212.8	221.5	223.7	244.7	272.7	286.7	308.6	352.7
140°	227.7	219.7	211.7	219.7	227.7	229.7	248.2	272.9	285.3	304.3	342.4
142.5°	232.2	224.9	217.5	224.9	232.2	234.1	251.2	273.9	285.3	302.0	335.4
145°	239.2	232.7	226.4	232.7	239.2	240.8	255.0	274.0	283.4	297.0	324.3
147.5°	247.7	241.5	235.3	241.5	247.7	249.3	260.7	275.8	283.4	294.2	315.7
150°	252.3	246.6	241.0	246.6	252.3	253.7	263.6	276.8	283.4	292.5	310.6
152.5°	255.5	251.2	246.9	251.2	255.5	256.6	265.5	277.4	283.4	291.2	306.7
155°	262.2	259.0	255.8	259.0	262.2	262.9	269.8	278.8	283.4	289.6	301.9
157.5°	268.5	265.5	262.4	265.5	268.5	269.3	274.0	280.2	283.4	288.2	297.8
160°	271.6	269.2	266.9	269.2	271.6	272.2	275.9	280.9	283.4	287.5	295.7
162.5°	274.8	273.0	271.3	273.0	274.8	275.3	278.0	281.6	283.4	286.9	293.8
165°	279.4	277.7	276.1	277.7	279.4	279.8	281.0	282.6	283.4	285.8	290.8
167.5°	282.0	281.3	280.5	281.3	282.0	282.2	283.2	284.6	285.3	287.0	290.2
170°	284.9	284.2	283.4	284.2	284.9	285.1	285.2	285.3	285.3	287.0	290.2
172.5°	285.3	285.1	284.9	285.1	285.3	285.3	285.3	285.3	285.3	286.6	289.1
175°	287.0	287.0	287.0	287.0	287.0	287.0	286.5	285.6	285.3	286.1	287.8
177.5°	287.0	287.0	287.0	287.0	287.0	287.0	286.6	286.0	285.7	286.4	287.7
180°	287.0	287.0	287.0	287.0	287.0	287.0	287.0	287.0	287.0	287.0	287.0



TEST NUMBER: P934535

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0	1672.0
2.5°	1613.5	1608.7	1615.1	1597.6	1615.1	1608.7	1613.5	1624.5	1615.1	1621.3	1627.7
5°	1415.7	1407.9	1382.5	1362.0	1382.5	1407.9	1415.7	1449.0	1464.8	1493.3	1531.2
7.5°	1265.5	1259.1	1252.8	1240.2	1252.8	1259.1	1265.5	1274.9	1290.7	1316.1	1344.6
10°	1232.2	1233.8	1243.3	1241.8	1243.3	1233.8	1232.2	1229.0	1224.4	1229.0	1246.4
12.5°	1317.7	1331.9	1384.1	1380.9	1384.1	1331.9	1317.7	1254.4	1211.7	1203.8	1206.9
15°	1415.7	1420.5	1431.6	1433.1	1431.6	1420.5	1415.7	1390.5	1262.3	1206.9	1189.5
17.5°	1425.2	1426.8	1434.7	1434.7	1434.7	1426.8	1425.2	1414.1	1371.4	1297.1	1199.0
20°	1417.3	1420.5	1436.3	1439.4	1436.3	1420.5	1417.3	1403.1	1379.3	1352.4	1278.1
22.5°	1414.1	1420.5	1433.1	1431.6	1433.1	1420.5	1414.1	1392.0	1371.4	1352.4	1322.4
25°	1398.3	1398.3	1399.9	1401.5	1399.9	1398.3	1398.3	1380.9	1339.8	1335.0	1317.7
27.5°	1365.1	1368.3	1377.8	1376.2	1377.8	1368.3	1365.1	1358.8	1314.5	1309.7	1297.1
30°	1335.0	1331.9	1324.0	1317.7	1324.0	1331.9	1335.0	1325.6	1281.3	1268.6	1271.8
32.5°	1284.5	1276.5	1268.6	1263.9	1268.6	1276.5	1284.5	1281.3	1248.0	1230.6	1233.8
35°	1224.4	1225.9	1224.4	1219.6	1224.4	1225.9	1224.4	1227.5	1206.9	1191.1	1189.5
37.5°	1181.7	1184.7	1183.2	1176.9	1183.2	1184.7	1181.7	1178.5	1150.0	1145.2	1148.4
40°	1137.4	1138.9	1137.4	1132.6	1137.4	1138.9	1137.4	1131.0	1091.5	1093.0	1104.1
42.5°	1094.6	1093.0	1088.3	1085.1	1088.3	1093.0	1094.6	1085.1	1034.5	1029.8	1050.3
45°	1045.6	1047.2	1037.7	1032.9	1037.7	1047.2	1045.6	1039.3	987.0	974.4	988.6
47.5°	996.6	996.6	988.6	983.9	988.6	996.6	996.6	988.6	933.3	920.6	928.5
50°	944.3	942.7	931.7	930.1	931.7	942.7	944.3	939.6	881.1	870.0	870.0
52.5°	884.2	884.2	885.8	889.0	885.8	884.2	884.2	885.8	833.7	822.5	819.4
55°	832.1	833.7	844.7	847.9	844.7	833.7	832.1	832.1	784.6	773.5	767.2
57.5°	778.2	778.2	786.2	786.2	786.2	778.2	778.2	775.1	729.3	719.7	716.5
60°	716.5	719.7	726.1	724.5	726.1	719.7	716.5	713.4	673.8	667.6	656.4
62.5°	651.7	654.9	656.4	653.3	656.4	654.9	651.7	642.2	618.5	613.7	599.5
65°	583.7	586.9	588.4	585.3	588.4	586.9	583.7	579.0	561.6	553.6	541.0
67.5°	514.1	512.5	510.9	517.3	510.9	512.5	514.1	507.7	496.7	490.3	473.0
70°	442.9	442.9	441.4	444.5	441.4	442.9	442.9	438.2	431.8	427.1	411.3
72.5°	367.0	365.4	371.7	367.0	371.7	365.4	367.0	365.4	362.2	357.5	341.6
75°	292.7	295.8	292.7	297.4	292.7	295.8	292.7	294.2	292.7	289.5	278.4
77.5°	223.0	226.2	223.0	223.0	223.0	226.2	223.0	224.6	224.6	224.6	215.2
80°	158.2	156.6	156.6	155.0	156.6	156.6	158.2	158.2	159.7	156.6	153.5
82.5°	101.2	99.6	99.6	102.8	99.6	99.6	101.2	102.8	99.6	99.6	99.6
85°	55.3	56.9	53.7	53.7	53.7	56.9	55.3	52.2	55.3	55.3	53.7
87.5°	20.6	19.0	19.0	19.0	19.0	19.0	20.6	22.2	22.2	22.2	23.7
90°	7.3	7.3	7.3	7.3	7.3	7.3	7.3	9.7	13.0	14.7	12.6
92.5°	36.6	35.1	29.3	23.5	29.3	35.1	36.6	51.9	72.3	82.4	72.3
95°	124.2	119.8	102.2	84.6	102.2	119.8	124.2	163.1	215.0	241.0	203.5
97.5°	286.9	278.4	244.9	211.3	244.9	278.4	286.9	311.4	344.3	360.6	298.2
100°	402.9	392.9	352.9	312.8	352.9	392.9	402.9	401.1	398.7	397.4	328.1
102.5°	501.8	493.2	459.0	424.8	459.0	493.2	501.8	470.5	428.7	407.8	337.5
105°	617.5	612.9	594.5	576.1	594.5	612.9	617.5	547.2	453.5	406.7	338.6
107.5°	677.6	678.7	683.1	687.6	683.1	678.7	677.6	579.6	448.9	383.6	323.6
110°	693.0	697.8	716.9	736.1	716.9	697.8	693.0	583.4	437.3	364.3	310.2



TEST NUMBER: P934535

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	683.2	690.6	720.0	749.4	720.0	690.6	683.2	571.0	421.6	346.8	298.5
115°	649.8	660.0	700.8	741.7	700.8	660.0	649.8	541.8	397.7	325.7	285.1
117.5°	603.7	615.0	660.4	705.7	660.4	615.0	603.7	506.2	376.3	311.4	276.8
120°	572.8	583.8	627.7	671.8	627.7	583.8	572.8	483.7	364.9	305.6	274.0
122.5°	541.8	552.6	596.1	639.4	596.1	552.6	541.8	461.6	354.5	301.1	272.5
125°	500.7	510.7	550.6	590.6	550.6	510.7	500.7	432.6	341.7	296.3	271.3
127.5°	467.7	476.1	509.9	543.6	509.9	476.1	467.7	409.2	331.3	292.3	270.6
130°	447.0	454.7	486.0	517.1	486.0	454.7	447.0	394.9	325.5	290.7	271.0
132.5°	429.2	436.2	464.1	492.0	464.1	436.2	429.2	382.6	320.4	289.4	271.3
135°	404.2	410.1	434.3	458.3	434.3	410.1	404.2	365.1	313.0	287.0	271.0
137.5°	385.7	390.6	410.2	430.0	410.2	390.6	385.7	352.7	308.6	286.7	272.7
140°	370.9	375.5	393.9	412.3	393.9	375.5	370.9	342.4	304.3	285.3	272.9
142.5°	360.4	364.3	380.2	396.1	380.2	364.3	360.4	335.4	302.0	285.3	273.9
145°	344.8	347.8	359.9	371.8	359.9	347.8	344.8	324.3	297.0	283.4	274.0
147.5°	331.7	334.3	344.2	354.1	344.2	334.3	331.7	315.7	294.2	283.4	275.8
150°	324.2	326.3	334.3	342.4	334.3	326.3	324.2	310.6	292.5	283.4	276.8
152.5°	318.3	319.8	325.8	331.9	325.8	319.8	318.3	306.7	291.2	283.4	277.4
155°	311.2	312.2	316.2	320.2	316.2	312.2	311.2	301.9	289.6	283.4	278.8
157.5°	305.0	305.7	308.5	311.4	308.5	305.7	305.0	297.8	288.2	283.4	280.2
160°	301.9	302.3	304.0	305.6	304.0	302.3	301.9	295.7	287.5	283.4	280.9
162.5°	299.0	299.4	301.0	302.5	301.0	299.4	299.0	293.8	286.9	283.4	281.6
165°	294.5	294.9	296.6	298.3	296.6	294.9	294.5	290.8	285.8	283.4	282.6
167.5°	292.7	292.8	293.5	294.2	293.5	292.8	292.7	290.2	287.0	285.3	284.6
170°	292.7	292.7	292.7	292.7	292.7	292.7	292.7	290.2	287.0	285.3	285.3
172.5°	291.1	290.9	290.3	289.8	290.3	290.9	291.1	289.1	286.6	285.3	285.3
175°	289.0	289.0	289.0	289.0	289.0	289.0	289.0	287.8	286.1	285.3	285.6
177.5°	288.6	288.5	287.8	287.0	287.8	288.5	288.6	287.7	286.4	285.7	286.0
180°	287.0	287.0	287.0	287.0	287.0	287.0	287.0	287.0	287.0	287.0	287.0



TEST NUMBER: P934535

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1672.0	1672.0	1672.0	1672.0	1672.0
2.5°	1651.4	1659.3	1664.1	1670.4	1686.2
5°	1588.2	1618.2	1627.7	1651.4	1679.9
7.5°	1449.0	1540.7	1566.0	1622.9	1667.2
10°	1314.5	1406.3	1450.6	1585.0	1651.4
12.5°	1246.4	1300.3	1330.3	1518.5	1629.3
15°	1203.8	1241.8	1263.9	1430.0	1604.0
17.5°	1170.5	1197.5	1213.2	1343.0	1569.2
20°	1150.0	1162.7	1176.9	1279.7	1529.6
22.5°	1135.8	1127.8	1138.9	1235.4	1475.8
25°	1126.2	1096.2	1108.8	1200.6	1412.5
27.5°	1134.2	1067.7	1072.5	1168.9	1346.2
30°	1135.8	1032.9	1034.5	1135.8	1271.8
32.5°	1124.6	996.6	998.2	1094.6	1187.9
35°	1097.8	953.9	952.3	1047.2	1074.1
37.5°	1061.4	908.0	908.0	995.0	949.1
40°	1017.1	862.1	866.8	926.9	838.3
42.5°	963.3	813.1	819.4	836.7	756.1
45°	904.8	765.6	770.4	707.1	692.8
47.5°	839.9	716.5	718.1	586.9	672.2
50°	762.4	666.0	659.6	503.1	670.7
52.5°	694.4	610.5	591.6	455.6	609.0
55°	628.0	552.0	510.9	419.2	564.7
57.5°	569.4	476.1	436.6	376.5	555.2
60°	515.7	401.7	371.7	330.6	509.3
62.5°	471.4	346.4	340.0	298.9	461.9
65°	423.9	308.5	306.9	272.1	392.3
67.5°	378.1	283.1	281.5	246.8	298.9
70°	329.0	256.3	253.1	219.8	221.4
72.5°	278.4	226.2	223.0	197.7	183.5
75°	227.8	191.4	189.8	172.5	148.7
77.5°	178.7	151.9	155.0	139.2	109.2
80°	128.1	110.8	113.8	99.6	82.3
82.5°	85.4	72.7	75.9	63.3	55.3
85°	47.5	41.1	42.7	33.2	25.3
87.5°	22.2	19.0	19.0	12.6	7.9
90°	8.5	5.4	5.0	3.5	2.0
92.5°	52.3	37.2	33.9	20.8	7.7
95°	128.6	72.4	66.5	42.4	18.5
97.5°	173.2	79.5	74.2	53.1	32.0
100°	189.5	85.5	80.8	61.5	42.3
102.5°	196.9	91.5	87.0	69.2	51.2
105°	202.5	100.4	96.6	81.4	66.3
107.5°	203.5	113.5	109.9	95.8	81.7
110°	202.0	120.8	117.6	104.8	92.1



TEST NUMBER: P934535

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-4-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	202.0	129.6	126.6	114.4	102.3
115°	203.9	142.9	140.1	128.9	117.7
117.5°	207.7	155.8	153.3	143.1	132.9
120°	210.8	163.4	161.0	151.4	141.8
122.5°	215.2	172.3	169.8	160.2	150.5
125°	221.2	183.6	181.3	172.5	163.8
127.5°	227.1	194.6	192.4	183.5	174.5
130°	231.5	201.9	199.5	189.9	180.3
132.5°	235.1	207.9	205.4	195.9	186.3
135°	238.9	214.8	212.6	203.9	195.2
137.5°	244.7	223.7	221.5	212.8	204.2
140°	248.2	229.7	227.7	219.7	211.7
142.5°	251.2	234.1	232.2	224.9	217.5
145°	255.0	240.8	239.2	232.7	226.4
147.5°	260.7	249.3	247.7	241.5	235.3
150°	263.6	253.7	252.3	246.6	241.0
152.5°	265.5	256.6	255.5	251.2	246.9
155°	269.8	262.9	262.2	259.0	255.8
157.5°	274.0	269.3	268.5	265.5	262.4
160°	275.9	272.2	271.6	269.2	266.9
162.5°	278.0	275.3	274.8	273.0	271.3
165°	281.0	279.8	279.4	277.7	276.1
167.5°	283.2	282.2	282.0	281.3	280.5
170°	285.2	285.1	284.9	284.2	283.4
172.5°	285.3	285.3	285.3	285.1	284.9
175°	286.5	287.0	287.0	287.0	287.0
177.5°	286.6	287.0	287.0	287.0	287.0
180°	287.0	287.0	287.0	287.0	287.0



TEST NUMBER: P934535
 CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-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	15.99	17.06	16.75	17.85	18.80	18.78	19.86	19.55	20.65	21.60
	3H	16.48	17.44	17.26	18.24	19.23	20.14	21.10	20.91	21.90	22.88
	4H	16.68	17.59	17.48	18.40	19.39	20.58	21.49	21.38	22.30	23.29
	6H	16.81	17.65	17.62	18.46	19.47	20.87	21.71	21.68	22.53	23.53
	8H	16.82	17.62	17.64	18.45	19.46	20.95	21.75	21.77	22.58	23.59
	12H	16.80	17.56	17.62	18.39	19.42	20.99	21.75	21.81	22.58	23.62
4H	2H	17.04	17.95	17.84	18.75	19.75	19.22	20.13	20.02	20.94	21.93
	3H	18.08	18.84	18.90	19.68	20.69	20.74	21.50	21.55	22.33	23.35
	4H	18.37	19.06	19.19	19.90	20.94	21.27	21.96	22.09	22.80	23.84
	6H	18.51	19.10	19.35	19.97	21.01	21.64	22.23	22.48	23.10	24.14
	8H	18.52	19.07	19.36	19.93	20.99	21.74	22.30	22.59	23.16	24.22
	12H	18.49	19.00	19.36	19.87	20.94	21.81	22.31	22.67	23.19	24.25
8H	4H	18.83	19.39	19.68	20.25	21.31	21.41	21.97	22.26	22.82	23.88
	6H	19.10	19.57	19.98	20.47	21.52	21.85	22.31	22.72	23.21	24.27
	8H	19.15	19.56	20.03	20.45	21.53	22.00	22.41	22.88	23.30	24.37
	12H	19.14	19.50	20.03	20.39	21.52	22.10	22.46	22.99	23.34	24.47
12H	4H	18.85	19.35	19.72	20.23	21.29	21.38	21.89	22.25	22.76	23.83
	6H	19.17	19.58	20.05	20.47	21.55	21.85	22.26	22.73	23.15	24.22
	8H	19.24	19.60	20.13	20.49	21.62	22.01	22.37	22.90	23.26	24.39