

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: P934936

Luminaire Tested: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-6500K

Issue Date: 12/17/2024

**Test Information**

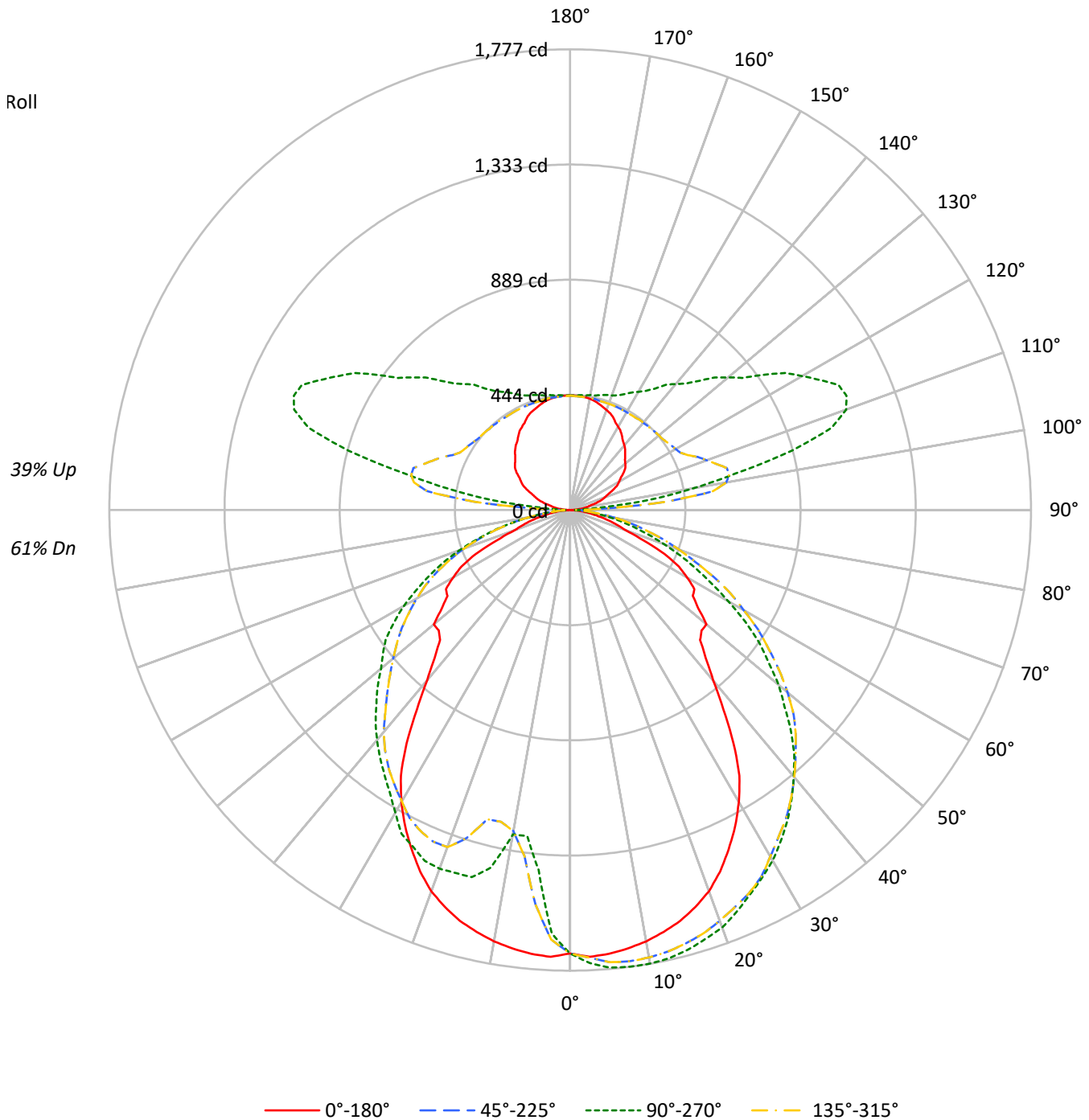
Test Method: LM-79-2019  
Report Number: P934936  
REPORT IS A COMBINATION OF REPORTS P933718 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-6500K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 7299.6 lumens  
Efficiency: N/A  
Efficacy: 117.7 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): 62  
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: P934936  
CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-6500K

### Luminous Intensity Polar Plot





TEST NUMBER: P934936

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-6500K

**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	0
RCR																		
0	110	110	110	110	103	103	103	103	89	89	89	77	77	77	66	66	66	61
1	100	96	92	88	94	90	86	83	79	76	74	68	66	65	59	57	56	51
2	91	84	78	72	85	79	73	68	69	65	61	60	57	54	52	49	47	43
3	83	74	66	60	78	69	63	57	61	56	51	53	49	46	46	43	40	36
4	76	65	57	51	71	61	54	49	54	48	44	47	43	39	41	37	35	31
5	70	58	50	44	65	55	47	42	48	42	38	42	38	34	37	33	30	27
6	65	52	44	38	60	49	42	36	44	37	33	38	33	30	33	29	26	24
7	60	47	39	33	56	45	37	32	39	33	29	35	30	26	30	26	23	21
8	55	43	35	29	52	40	33	28	36	30	26	32	27	23	28	24	21	19
9	52	39	31	26	48	37	30	25	33	27	23	29	24	21	26	22	19	17
10	48	36	29	24	45	34	27	23	30	25	21	27	22	19	24	20	17	15

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	15871	15871	15871	15871
5°	15972	16021	15972	12598
10°	15848	15782	15848	11283
15°	15658	15441	15658	12892
20°	15313	15035	15313	12919
25°	14624	14444	14624	12646
30°	13742	13954	13742	12045
35°	12233	13334	12233	11384
40°	10175	12602	10175	10885
45°	9073	11748	9073	10311
50°	9618	10729	9618	9735
55°	9024	9630	9024	9402
60°	9268	8179	9268	8611
65°	8363	6762	8363	7558
70°	5750	5389	5750	6335
75°	4988	3984	4988	4771
80°	3936	2632	3936	2866
85°	2145	1394	2145	1185

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 13934 cd/sqm



TEST NUMBER: P934936

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-6500K

**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	154.4	2.1
10°-20°	438.4	6.0
20°-30°	677.6	9.3
30°-40°	809.0	11.1
40°-50°	813.7	11.1
50°-60°	708.0	9.7
60°-70°	502.0	6.9
70°-80°	265.6	3.6
80°-90°	67.8	0.9
90°-100°	215.3	2.9
100°-110°	566.0	7.8
110°-120°	586.9	8.0
120°-130°	470.8	6.4
130°-140°	369.4	5.1
140°-150°	283.5	3.9
150°-160°	204.2	2.8
160°-170°	124.9	1.7
170°-180°	42.2	0.6
0°-30°	1270.4	17.4
0°-40°	2079.4	28.5
0°-60°	3601.1	49.3
0°-90°	4436.5	60.8
90°-120°	1368.2	18.7
90°-150°	2491.8	34.1
90°-180°	2863.0	39.2
0°-180°	7299.6	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1710	1710	1710	1710	1710	
5°	1718	1772	1718	1393	1718	163
15°	1641	1756	1641	1466	1641	462
25°	1445	1638	1445	1434	1445	663
35°	1099	1461	1099	1248	1099	680
45°	709	1204	709	1057	709	568
55°	578	888	578	867	578	531
65°	401	536	401	599	401	384
75°	152	254	152	304	152	160
85°	26	65	26	55	26	35
90°	3	11	3	11	3	4
95°	28	130	28	130	28	32
105°	102	886	102	886	102	108
115°	181	1141	181	1141	181	179
125°	252	909	252	909	252	224
135°	300	705	300	705	300	232
145°	348	572	348	572	348	218
155°	394	493	394	493	394	181
165°	425	459	425	459	425	120
175°	442	445	442	445	442	42
180°	442	442	442	442	442	



TEST NUMBER: P934936

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4
2.5°	1725.0	1725.0	1734.7	1738.0	1738.0	1733.1	1728.2	1733.1	1747.6	1752.5	1750.9
5°	1718.5	1731.5	1749.3	1752.5	1755.8	1754.1	1750.9	1754.1	1770.3	1773.5	1775.2
7.5°	1705.6	1729.8	1752.5	1757.4	1762.2	1757.4	1755.8	1759.0	1775.2	1778.4	1778.4
10°	1689.4	1723.3	1749.3	1752.5	1757.4	1752.5	1752.5	1759.0	1775.2	1778.4	1780.0
12.5°	1666.7	1713.7	1738.0	1741.1	1747.6	1746.0	1744.4	1750.9	1767.0	1770.3	1770.3
15°	1640.8	1695.9	1718.5	1721.7	1733.1	1729.8	1729.8	1736.4	1754.1	1759.0	1757.4
17.5°	1605.3	1673.2	1699.1	1703.9	1712.1	1710.4	1712.1	1718.5	1734.7	1738.0	1739.5
20°	1564.8	1642.5	1673.2	1678.0	1686.2	1686.2	1686.2	1694.3	1710.4	1716.9	1716.9
22.5°	1509.7	1610.1	1642.5	1645.7	1655.4	1655.4	1658.6	1670.0	1684.5	1686.2	1686.2
25°	1445.0	1574.5	1602.0	1611.8	1621.4	1626.3	1631.2	1637.6	1642.5	1640.8	1642.5
27.5°	1377.1	1529.1	1564.8	1571.2	1584.2	1589.1	1595.5	1597.1	1598.8	1603.6	1600.4
30°	1301.0	1466.0	1519.5	1526.0	1547.0	1550.2	1543.8	1547.0	1555.1	1558.3	1561.6
32.5°	1215.2	1372.2	1472.5	1487.1	1506.6	1496.8	1495.2	1500.1	1513.0	1513.0	1516.2
35°	1098.8	1299.4	1428.8	1441.8	1456.4	1445.0	1451.5	1453.1	1461.3	1466.0	1464.5
37.5°	970.9	1236.3	1383.5	1393.3	1404.6	1390.0	1399.8	1404.6	1411.1	1407.8	1407.8
40°	857.6	1137.6	1330.2	1336.7	1346.3	1335.0	1344.7	1347.9	1351.2	1347.9	1346.3
42.5°	773.5	1029.2	1273.6	1281.6	1275.1	1283.2	1286.5	1293.0	1288.1	1281.6	1281.6
45°	708.7	1000.1	1212.0	1221.7	1212.0	1225.0	1229.9	1229.9	1215.2	1212.0	1210.4
47.5°	687.7	941.8	1150.5	1150.5	1145.7	1161.9	1169.9	1158.6	1144.1	1139.2	1139.2
50°	686.1	877.0	1066.3	1059.9	1082.6	1102.0	1093.9	1082.6	1071.2	1053.4	1053.4
52.5°	623.0	797.8	958.0	982.2	1017.9	1029.2	1016.2	1004.9	985.5	977.4	970.9
55°	577.7	715.2	859.2	907.8	945.0	959.5	935.3	924.0	894.9	890.0	886.8
57.5°	568.0	595.5	768.7	830.2	875.4	873.9	859.2	838.2	813.9	809.1	807.5
60°	521.0	430.5	671.5	744.4	791.2	786.5	773.5	754.1	731.4	728.1	725.0
62.5°	472.6	312.3	561.5	644.0	710.4	708.7	697.4	668.3	652.1	644.0	637.6
65°	401.3	262.2	399.7	535.7	631.1	634.3	610.1	589.0	571.2	561.5	559.9
67.5°	305.8	213.6	270.2	446.6	555.1	551.8	521.0	511.4	488.7	483.8	474.2
70°	226.5	142.4	187.7	362.5	480.6	472.6	448.3	436.9	415.8	404.6	398.1
72.5°	187.7	114.9	137.5	281.6	404.6	394.8	373.8	360.9	343.1	333.3	326.8
75°	152.1	121.3	105.2	208.7	328.5	322.0	302.6	289.6	275.1	262.2	263.7
77.5°	111.7	113.3	84.1	153.8	260.6	250.8	239.5	223.3	216.9	203.9	203.9
80°	84.1	89.0	63.1	105.2	187.7	187.7	178.0	166.7	155.4	148.9	148.9
82.5°	56.6	56.6	46.9	66.4	127.8	123.0	116.5	113.3	106.8	103.6	103.6
85°	25.9	32.3	29.2	40.4	69.6	72.9	72.9	69.6	68.0	64.7	66.4
87.5°	8.1	14.5	17.8	22.7	35.6	37.2	38.8	38.8	38.8	40.4	40.4
90°	3.0	5.4	7.7	8.3	13.1	19.4	22.6	20.1	15.0	11.3	11.3
92.5°	11.9	32.0	52.1	57.2	80.4	111.4	126.9	111.2	79.8	56.3	54.1
95°	28.5	65.4	102.3	111.5	197.9	313.2	370.8	330.8	251.0	191.1	184.4
97.5°	49.2	81.8	114.3	122.4	266.6	458.8	554.9	529.6	479.2	441.4	428.5
100°	65.2	94.7	124.2	131.6	291.5	504.9	611.5	613.3	617.0	619.8	604.4
102.5°	78.9	106.4	133.9	140.8	303.0	519.4	627.5	659.7	723.9	772.1	758.9
105°	101.9	125.3	148.6	154.4	311.5	521.0	625.7	697.8	841.9	950.0	942.9
107.5°	125.6	147.4	169.2	174.6	313.2	497.8	590.2	690.7	891.6	1042.4	1044.2
110°	141.7	161.3	181.0	185.9	310.8	477.2	560.5	672.9	897.6	1066.2	1073.5



TEST NUMBER: P934936

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	157.4	176.1	194.8	199.5	310.9	459.4	533.6	648.6	878.6	1051.0	1062.4
115°	181.1	198.3	215.6	219.9	313.7	438.7	501.2	612.1	833.6	999.8	1015.5
117.5°	204.5	220.2	235.9	239.8	319.6	425.8	479.0	579.0	778.9	928.9	946.3
120°	218.2	232.9	247.7	251.4	324.2	421.5	470.1	561.5	744.2	881.2	898.2
122.5°	231.5	246.4	261.2	265.0	331.0	419.2	463.3	545.5	710.1	833.5	850.2
125°	252.0	265.5	279.1	282.5	340.3	417.4	455.9	525.8	665.6	770.4	785.8
127.5°	268.6	282.3	295.9	299.4	349.5	416.3	449.7	509.7	629.7	719.7	732.7
130°	277.5	292.2	306.9	310.7	356.2	416.9	447.3	500.8	607.6	687.7	699.6
132.5°	286.7	301.4	316.1	319.8	361.6	417.4	445.2	493.0	588.7	660.4	671.2
135°	300.2	313.6	327.1	330.5	367.6	417.0	441.7	481.7	561.9	621.9	631.2
137.5°	314.2	327.5	340.8	344.1	376.5	419.6	441.1	474.9	542.6	593.4	601.0
140°	325.8	338.0	350.3	353.3	381.9	420.0	439.0	468.2	526.7	570.6	577.6
142.5°	334.7	346.0	357.2	360.1	386.4	421.5	439.0	464.7	516.1	554.6	560.7
145°	348.2	358.2	368.0	370.5	392.3	421.5	436.0	457.1	499.0	530.6	535.2
147.5°	361.9	371.5	381.1	383.5	401.0	424.4	436.0	452.6	485.7	510.4	514.2
150°	370.8	379.5	388.2	390.4	405.6	425.9	436.0	450.0	477.9	498.8	501.9
152.5°	380.0	386.6	393.2	394.8	408.6	426.8	436.0	448.0	471.8	489.7	492.0
155°	393.7	398.5	403.3	404.6	415.1	429.0	436.0	445.5	464.4	478.7	480.2
157.5°	403.7	408.5	413.3	414.4	421.6	431.2	436.0	443.4	458.1	469.2	470.3
160°	410.5	414.2	417.9	418.8	424.5	432.2	436.0	442.3	455.1	464.5	465.1
162.5°	417.4	420.2	422.9	423.6	427.7	433.3	436.0	441.4	452.0	460.0	460.6
165°	424.7	427.2	429.7	430.4	432.3	434.8	436.0	439.8	447.5	453.2	453.9
167.5°	431.5	432.7	433.9	434.2	435.8	437.9	439.0	441.5	446.5	450.3	450.6
170°	436.0	437.2	438.4	438.7	438.8	438.9	439.0	441.5	446.5	450.3	450.3
172.5°	438.4	438.7	438.9	439.0	439.0	439.0	439.0	441.0	444.9	447.9	447.7
175°	441.7	441.7	441.7	441.7	440.8	439.6	439.0	440.2	442.7	444.6	444.6
177.5°	441.7	441.7	441.7	441.7	441.0	440.0	439.6	440.5	442.5	444.1	443.8
180°	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7



TEST NUMBER: P934936

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4
2.5°	1754.1	1749.3	1754.1	1750.9	1752.5	1747.6	1733.1	1728.2	1733.1	1738.0	1738.0
5°	1775.2	1771.9	1775.2	1775.2	1773.5	1770.3	1754.1	1750.9	1754.1	1755.8	1752.5
7.5°	1781.6	1776.8	1781.6	1778.4	1778.4	1775.2	1759.0	1755.8	1757.4	1762.2	1757.4
10°	1781.6	1776.8	1781.6	1780.0	1778.4	1775.2	1759.0	1752.5	1752.5	1757.4	1752.5
12.5°	1773.5	1770.3	1773.5	1770.3	1770.3	1767.0	1750.9	1744.4	1746.0	1747.6	1741.1
15°	1760.5	1755.8	1760.5	1757.4	1759.0	1754.1	1736.4	1729.8	1729.8	1733.1	1721.7
17.5°	1741.1	1734.7	1741.1	1739.5	1738.0	1734.7	1718.5	1712.1	1710.4	1712.1	1703.9
20°	1718.5	1713.7	1718.5	1716.9	1716.9	1710.4	1694.3	1686.2	1686.2	1686.2	1678.0
22.5°	1682.9	1678.0	1682.9	1686.2	1686.2	1684.5	1670.0	1658.6	1655.4	1655.4	1645.7
25°	1642.5	1637.6	1642.5	1642.5	1640.8	1642.5	1637.6	1631.2	1626.3	1621.4	1611.8
27.5°	1603.6	1600.4	1603.6	1600.4	1603.6	1598.8	1597.1	1595.5	1589.1	1584.2	1571.2
30°	1564.8	1561.6	1564.8	1561.6	1558.3	1555.1	1547.0	1543.8	1550.2	1547.0	1526.0
32.5°	1516.2	1513.0	1516.2	1516.2	1513.0	1513.0	1500.1	1495.2	1496.8	1506.6	1487.1
35°	1466.0	1461.3	1466.0	1464.5	1466.0	1461.3	1453.1	1451.5	1445.0	1456.4	1441.8
37.5°	1407.8	1402.9	1407.8	1407.8	1407.8	1411.1	1404.6	1399.8	1390.0	1404.6	1393.3
40°	1347.9	1341.4	1347.9	1346.3	1347.9	1351.2	1347.9	1344.7	1335.0	1346.3	1336.7
42.5°	1280.0	1278.3	1280.0	1281.6	1281.6	1288.1	1293.0	1286.5	1283.2	1275.1	1281.6
45°	1207.2	1203.9	1207.2	1210.4	1212.0	1215.2	1229.9	1229.9	1225.0	1212.0	1221.7
47.5°	1129.5	1121.4	1129.5	1139.2	1139.2	1144.1	1158.6	1169.9	1161.9	1145.7	1150.5
50°	1046.9	1048.6	1046.9	1053.4	1053.4	1071.2	1082.6	1093.9	1102.0	1082.6	1059.9
52.5°	966.0	964.4	966.0	970.9	977.4	985.5	1004.9	1016.2	1029.2	1017.9	982.2
55°	885.1	888.4	885.1	886.8	890.0	894.9	924.0	935.3	959.5	945.0	907.8
57.5°	804.3	799.4	804.3	807.5	809.1	813.9	838.2	859.2	873.9	875.4	830.2
60°	710.4	703.9	710.4	725.0	728.1	731.4	754.1	773.5	786.5	791.2	744.4
62.5°	627.8	616.6	627.8	637.6	644.0	652.1	668.3	697.4	708.7	710.4	644.0
65°	540.4	535.7	540.4	559.9	561.5	571.2	589.0	610.1	634.3	631.1	535.7
67.5°	461.2	461.2	461.2	474.2	483.8	488.7	511.4	521.0	551.8	555.1	446.6
70°	388.4	386.8	388.4	398.1	404.6	415.8	436.9	448.3	472.6	480.6	362.5
72.5°	318.8	317.2	318.8	326.8	333.3	343.1	360.9	373.8	394.8	404.6	281.6
75°	257.3	254.1	257.3	263.7	262.2	275.1	289.6	302.6	322.0	328.5	208.7
77.5°	197.5	197.5	197.5	203.9	203.9	216.9	223.3	239.5	250.8	260.6	153.8
80°	147.3	145.6	147.3	148.9	148.9	155.4	166.7	178.0	187.7	187.7	105.2
82.5°	103.6	100.3	103.6	103.6	103.6	106.8	113.3	116.5	123.0	127.8	66.4
85°	64.7	64.7	64.7	66.4	64.7	68.0	69.6	72.9	72.9	69.6	40.4
87.5°	42.1	40.4	42.1	40.4	40.4	38.8	38.8	38.8	37.2	35.6	22.7
90°	11.3	11.3	11.3	11.3	11.3	15.0	20.1	22.6	19.4	13.1	8.3
92.5°	45.1	36.1	45.1	54.1	56.3	79.8	111.2	126.9	111.4	80.4	57.2
95°	157.3	130.1	157.3	184.4	191.1	251.0	330.8	370.8	313.2	197.9	111.5
97.5°	376.8	325.2	376.8	428.5	441.4	479.2	529.6	554.9	458.8	266.6	122.4
100°	542.9	481.3	542.9	604.4	619.8	617.0	613.3	611.5	504.9	291.5	131.6
102.5°	706.2	653.6	706.2	758.9	772.1	723.9	659.7	627.5	519.4	303.0	140.8
105°	914.6	886.3	914.6	942.9	950.0	841.9	697.8	625.7	521.0	311.5	154.4
107.5°	1051.0	1057.9	1051.0	1044.2	1042.4	891.6	690.7	590.2	497.8	313.2	174.6
110°	1103.1	1132.6	1103.1	1073.5	1066.2	897.6	672.9	560.5	477.2	310.8	185.9





TEST NUMBER: P934936

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1107.7	1153.1	1107.7	1062.4	1051.0	878.6	648.6	533.6	459.4	310.9	199.5
115°	1078.4	1141.2	1078.4	1015.5	999.8	833.6	612.1	501.2	438.7	313.7	219.9
117.5°	1016.1	1085.8	1016.1	946.3	928.9	778.9	579.0	479.0	425.8	319.6	239.8
120°	965.9	1033.5	965.9	898.2	881.2	744.2	561.5	470.1	421.5	324.2	251.4
122.5°	917.0	983.8	917.0	850.2	833.5	710.1	545.5	463.3	419.2	331.0	265.0
125°	847.3	908.8	847.3	785.8	770.4	665.6	525.8	455.9	417.4	340.3	282.5
127.5°	784.6	836.5	784.6	732.7	719.7	629.7	509.7	449.7	416.3	349.5	299.4
130°	747.6	795.6	747.6	699.6	687.7	607.6	500.8	447.3	416.9	356.2	310.7
132.5°	714.1	757.0	714.1	671.2	660.4	588.7	493.0	445.2	417.4	361.6	319.8
135°	668.2	705.2	668.2	631.2	621.9	561.9	481.7	441.7	417.0	367.6	330.5
137.5°	631.3	661.6	631.3	601.0	593.4	542.6	474.9	441.1	419.6	376.5	344.1
140°	606.0	634.3	606.0	577.6	570.6	526.7	468.2	439.0	420.0	381.9	353.3
142.5°	585.0	609.4	585.0	560.7	554.6	516.1	464.7	439.0	421.5	386.4	360.1
145°	553.6	572.1	553.6	535.2	530.6	499.0	457.1	436.0	421.5	392.3	370.5
147.5°	529.5	544.8	529.5	514.2	510.4	485.7	452.6	436.0	424.4	401.0	383.5
150°	514.3	526.8	514.3	501.9	498.8	477.9	450.0	436.0	425.9	405.6	390.4
152.5°	501.3	510.7	501.3	492.0	489.7	471.8	448.0	436.0	426.8	408.6	394.8
155°	486.4	492.6	486.4	480.2	478.7	464.4	445.5	436.0	429.0	415.1	404.6
157.5°	474.7	479.0	474.7	470.3	469.2	458.1	443.4	436.0	431.2	421.6	414.4
160°	467.6	470.1	467.6	465.1	464.5	455.1	442.3	436.0	432.2	424.5	418.8
162.5°	463.0	465.4	463.0	460.6	460.0	452.0	441.4	436.0	433.3	427.7	423.6
165°	456.4	458.9	456.4	453.9	453.2	447.5	439.8	436.0	434.8	432.3	430.4
167.5°	451.6	452.7	451.6	450.6	450.3	446.5	441.5	439.0	437.9	435.8	434.2
170°	450.3	450.3	450.3	450.3	450.3	446.5	441.5	439.0	438.9	438.8	438.7
172.5°	446.7	445.8	446.7	447.7	447.9	444.9	441.0	439.0	439.0	439.0	439.0
175°	444.6	444.6	444.6	444.6	444.6	442.7	440.2	439.0	439.6	440.8	441.7
177.5°	442.7	441.7	442.7	443.8	444.1	442.5	440.5	439.6	440.0	441.0	441.7
180°	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7



TEST NUMBER: P934936

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4
2.5°	1734.7	1725.0	1725.0	1708.8	1702.3	1697.4	1689.4	1665.1	1658.6	1652.2	1661.9
5°	1749.3	1731.5	1718.5	1689.4	1665.1	1655.4	1624.7	1566.4	1527.6	1498.5	1482.3
7.5°	1752.5	1729.8	1705.6	1660.2	1602.0	1576.1	1482.3	1375.5	1346.3	1320.4	1304.2
10°	1749.3	1723.3	1689.4	1621.4	1483.9	1438.6	1344.7	1275.1	1257.3	1252.5	1257.3
12.5°	1738.0	1713.7	1666.7	1553.4	1360.9	1330.2	1275.1	1234.6	1231.5	1239.5	1283.2
15°	1718.5	1695.9	1640.8	1462.9	1293.0	1270.3	1231.5	1216.9	1234.6	1291.3	1422.4
17.5°	1699.1	1673.2	1605.3	1373.9	1241.1	1225.0	1197.4	1226.6	1326.9	1402.9	1446.6
20°	1673.2	1642.5	1564.8	1309.1	1203.9	1189.4	1176.4	1307.5	1383.5	1411.1	1435.3
22.5°	1642.5	1610.1	1509.7	1263.8	1165.1	1153.7	1161.9	1352.8	1383.5	1402.9	1424.0
25°	1602.0	1574.5	1445.0	1228.2	1134.3	1121.4	1152.1	1347.9	1365.7	1370.6	1412.7
27.5°	1564.8	1529.1	1377.1	1195.8	1097.1	1092.3	1160.2	1326.9	1339.8	1344.7	1390.0
30°	1519.5	1466.0	1301.0	1161.9	1058.3	1056.7	1161.9	1301.0	1297.7	1310.7	1356.1
32.5°	1472.5	1372.2	1215.2	1119.8	1021.1	1019.5	1150.5	1262.2	1258.9	1276.7	1310.7
35°	1428.8	1299.4	1098.8	1071.2	974.2	975.8	1123.0	1216.9	1218.5	1234.6	1255.7
37.5°	1383.5	1236.3	970.9	1017.9	928.8	928.8	1085.8	1174.8	1171.5	1176.4	1205.6
40°	1330.2	1137.6	857.6	948.3	886.8	881.9	1040.5	1129.5	1118.2	1116.5	1157.0
42.5°	1273.6	1029.2	773.5	856.0	838.2	831.8	985.5	1074.5	1053.4	1058.3	1110.0
45°	1212.0	1000.1	708.7	723.4	788.1	783.2	925.6	1011.4	996.8	1009.7	1063.2
47.5°	1150.5	941.8	687.7	600.4	734.6	733.0	859.2	949.9	941.8	954.8	1011.4
50°	1066.3	877.0	686.1	514.6	674.8	681.3	780.0	890.0	890.0	901.3	961.2
52.5°	958.0	797.8	623.0	466.0	605.2	624.6	710.4	838.2	841.4	852.8	906.2
55°	859.2	715.2	577.7	428.9	522.7	564.7	642.5	784.8	791.2	802.6	851.2
57.5°	768.7	595.5	568.0	385.2	446.6	487.1	582.5	733.0	736.3	746.0	792.9
60°	671.5	430.5	521.0	338.2	380.3	411.0	527.5	671.5	682.9	689.3	729.8
62.5°	561.5	312.3	472.6	305.8	347.9	354.4	482.2	613.3	627.8	632.7	657.0
65°	399.7	262.2	401.3	278.3	313.9	315.5	433.6	553.4	566.4	574.5	592.3
67.5°	270.2	213.6	305.8	252.4	288.0	289.6	386.8	483.8	501.6	508.1	519.4
70°	187.7	142.4	226.5	224.9	258.9	262.2	336.6	420.7	436.9	441.8	448.3
72.5°	137.5	114.9	187.7	202.2	228.1	231.4	284.8	349.5	365.7	370.5	373.8
75°	105.2	121.3	152.1	176.4	194.2	195.8	233.0	284.8	296.1	299.4	301.0
77.5°	84.1	113.3	111.7	142.4	158.5	155.4	182.8	220.1	229.8	229.8	229.8
80°	63.1	89.0	84.1	101.9	116.5	113.3	131.1	157.0	160.2	163.4	161.8
82.5°	46.9	56.6	56.6	64.7	77.6	74.4	87.4	101.9	101.9	101.9	105.2
85°	29.2	32.3	25.9	33.9	43.7	42.1	48.6	55.0	56.6	56.6	53.4
87.5°	17.8	14.5	8.1	12.9	19.4	19.4	22.7	24.3	22.7	22.7	22.7
90°	7.7	5.4	3.0	5.4	7.7	8.3	13.1	19.4	22.6	20.1	15.0
92.5°	52.1	32.0	11.9	32.0	52.1	57.2	80.4	111.4	126.9	111.2	79.8
95°	102.3	65.4	28.5	65.4	102.3	111.5	197.9	313.2	370.8	330.8	251.0
97.5°	114.3	81.8	49.2	81.8	114.3	122.4	266.6	458.8	554.9	529.6	479.2
100°	124.2	94.7	65.2	94.7	124.2	131.6	291.5	504.9	611.5	613.3	617.0
102.5°	133.9	106.4	78.9	106.4	133.9	140.8	303.0	519.4	627.5	659.7	723.9
105°	148.6	125.3	101.9	125.3	148.6	154.4	311.5	521.0	625.7	697.8	841.9
107.5°	169.2	147.4	125.6	147.4	169.2	174.6	313.2	497.8	590.2	690.7	891.6
110°	181.0	161.3	141.7	161.3	181.0	185.9	310.8	477.2	560.5	672.9	897.6



TEST NUMBER: P934936

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	194.8	176.1	157.4	176.1	194.8	199.5	310.9	459.4	533.6	648.6	878.6
115°	215.6	198.3	181.1	198.3	215.6	219.9	313.7	438.7	501.2	612.1	833.6
117.5°	235.9	220.2	204.5	220.2	235.9	239.8	319.6	425.8	479.0	579.0	778.9
120°	247.7	232.9	218.2	232.9	247.7	251.4	324.2	421.5	470.1	561.5	744.2
122.5°	261.2	246.4	231.5	246.4	261.2	265.0	331.0	419.2	463.3	545.5	710.1
125°	279.1	265.5	252.0	265.5	279.1	282.5	340.3	417.4	455.9	525.8	665.6
127.5°	295.9	282.3	268.6	282.3	295.9	299.4	349.5	416.3	449.7	509.7	629.7
130°	306.9	292.2	277.5	292.2	306.9	310.7	356.2	416.9	447.3	500.8	607.6
132.5°	316.1	301.4	286.7	301.4	316.1	319.8	361.6	417.4	445.2	493.0	588.7
135°	327.1	313.6	300.2	313.6	327.1	330.5	367.6	417.0	441.7	481.7	561.9
137.5°	340.8	327.5	314.2	327.5	340.8	344.1	376.5	419.6	441.1	474.9	542.6
140°	350.3	338.0	325.8	338.0	350.3	353.3	381.9	420.0	439.0	468.2	526.7
142.5°	357.2	346.0	334.7	346.0	357.2	360.1	386.4	421.5	439.0	464.7	516.1
145°	368.0	358.2	348.2	358.2	368.0	370.5	392.3	421.5	436.0	457.1	499.0
147.5°	381.1	371.5	361.9	371.5	381.1	383.5	401.0	424.4	436.0	452.6	485.7
150°	388.2	379.5	370.8	379.5	388.2	390.4	405.6	425.9	436.0	450.0	477.9
152.5°	393.2	386.6	380.0	386.6	393.2	394.8	408.6	426.8	436.0	448.0	471.8
155°	403.3	398.5	393.7	398.5	403.3	404.6	415.1	429.0	436.0	445.5	464.4
157.5°	413.3	408.5	403.7	408.5	413.3	414.4	421.6	431.2	436.0	443.4	458.1
160°	417.9	414.2	410.5	414.2	417.9	418.8	424.5	432.2	436.0	442.3	455.1
162.5°	422.9	420.2	417.4	420.2	422.9	423.6	427.7	433.3	436.0	441.4	452.0
165°	429.7	427.2	424.7	427.2	429.7	430.4	432.3	434.8	436.0	439.8	447.5
167.5°	433.9	432.7	431.5	432.7	433.9	434.2	435.8	437.9	439.0	441.5	446.5
170°	438.4	437.2	436.0	437.2	438.4	438.7	438.8	438.9	439.0	441.5	446.5
172.5°	438.9	438.7	438.4	438.7	438.9	439.0	439.0	439.0	439.0	441.0	444.9
175°	441.7	441.7	441.7	441.7	441.7	441.7	440.8	439.6	439.0	440.2	442.7
177.5°	441.7	441.7	441.7	441.7	441.7	441.7	441.0	440.0	439.6	440.5	442.5
180°	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7



TEST NUMBER: P934936

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4	1710.4
2.5°	1650.6	1645.7	1652.2	1634.3	1652.2	1645.7	1650.6	1661.9	1652.2	1658.6	1665.1
5°	1448.2	1440.2	1414.3	1393.3	1414.3	1440.2	1448.2	1482.3	1498.5	1527.6	1566.4
7.5°	1294.6	1288.1	1281.6	1268.7	1281.6	1288.1	1294.6	1304.2	1320.4	1346.3	1375.5
10°	1260.5	1262.2	1271.9	1270.3	1271.9	1262.2	1260.5	1257.3	1252.5	1257.3	1275.1
12.5°	1347.9	1362.5	1415.9	1412.7	1415.9	1362.5	1347.9	1283.2	1239.5	1231.5	1234.6
15°	1448.2	1453.1	1464.5	1466.0	1464.5	1453.1	1448.2	1422.4	1291.3	1234.6	1216.9
17.5°	1458.0	1459.6	1467.7	1467.7	1467.7	1459.6	1458.0	1446.6	1402.9	1326.9	1226.6
20°	1449.9	1453.1	1469.3	1472.5	1469.3	1453.1	1449.9	1435.3	1411.1	1383.5	1307.5
22.5°	1446.6	1453.1	1466.0	1464.5	1466.0	1453.1	1446.6	1424.0	1402.9	1383.5	1352.8
25°	1430.5	1430.5	1432.1	1433.7	1432.1	1430.5	1430.5	1412.7	1370.6	1365.7	1347.9
27.5°	1396.5	1399.8	1409.4	1407.8	1409.4	1399.8	1396.5	1390.0	1344.7	1339.8	1326.9
30°	1365.7	1362.5	1354.4	1347.9	1354.4	1362.5	1365.7	1356.1	1310.7	1297.7	1301.0
32.5°	1314.0	1305.9	1297.7	1293.0	1297.7	1305.9	1314.0	1310.7	1276.7	1258.9	1262.2
35°	1252.5	1254.0	1252.5	1247.6	1252.5	1254.0	1252.5	1255.7	1234.6	1218.5	1216.9
37.5°	1208.8	1212.0	1210.4	1203.9	1210.4	1212.0	1208.8	1205.6	1176.4	1171.5	1174.8
40°	1163.5	1165.1	1163.5	1158.6	1163.5	1165.1	1163.5	1157.0	1116.5	1118.2	1129.5
42.5°	1119.8	1118.2	1113.3	1110.0	1113.3	1118.2	1119.8	1110.0	1058.3	1053.4	1074.5
45°	1069.6	1071.2	1061.6	1056.7	1061.6	1071.2	1069.6	1063.2	1009.7	996.8	1011.4
47.5°	1019.5	1019.5	1011.4	1006.5	1011.4	1019.5	1019.5	1011.4	954.8	941.8	949.9
50°	966.0	964.4	953.1	951.5	953.1	964.4	966.0	961.2	901.3	890.0	890.0
52.5°	904.6	904.6	906.2	909.4	906.2	904.6	904.6	906.2	852.8	841.4	838.2
55°	851.2	852.8	864.1	867.4	864.1	852.8	851.2	851.2	802.6	791.2	784.8
57.5°	796.1	796.1	804.3	804.3	804.3	796.1	796.1	792.9	746.0	736.3	733.0
60°	733.0	736.3	742.8	741.1	742.8	736.3	733.0	729.8	689.3	682.9	671.5
62.5°	666.7	669.9	671.5	668.3	671.5	669.9	666.7	657.0	632.7	627.8	613.3
65°	597.1	600.4	601.9	598.8	601.9	600.4	597.1	592.3	574.5	566.4	553.4
67.5°	525.9	524.3	522.7	529.2	522.7	524.3	525.9	519.4	508.1	501.6	483.8
70°	453.0	453.0	451.5	454.7	451.5	453.0	453.0	448.3	441.8	436.9	420.7
72.5°	375.4	373.8	380.3	375.4	380.3	373.8	375.4	373.8	370.5	365.7	349.5
75°	299.4	302.6	299.4	304.3	299.4	302.6	299.4	301.0	299.4	296.1	284.8
77.5°	228.1	231.4	228.1	228.1	228.1	231.4	228.1	229.8	229.8	229.8	220.1
80°	161.8	160.2	160.2	158.5	160.2	160.2	161.8	161.8	163.4	160.2	157.0
82.5°	103.6	101.9	101.9	105.2	101.9	101.9	103.6	105.2	101.9	101.9	101.9
85°	56.6	58.2	55.0	55.0	55.0	58.2	56.6	53.4	56.6	56.6	55.0
87.5°	21.0	19.4	19.4	19.4	19.4	19.4	21.0	22.7	22.7	22.7	24.3
90°	11.3	11.3	11.3	11.3	11.3	11.3	11.3	15.0	20.1	22.6	19.4
92.5°	56.3	54.1	45.1	36.1	45.1	54.1	56.3	79.8	111.2	126.9	111.4
95°	191.1	184.4	157.3	130.1	157.3	184.4	191.1	251.0	330.8	370.8	313.2
97.5°	441.4	428.5	376.8	325.2	376.8	428.5	441.4	479.2	529.6	554.9	458.8
100°	619.8	604.4	542.9	481.3	542.9	604.4	619.8	617.0	613.3	611.5	504.9
102.5°	772.1	758.9	706.2	653.6	706.2	758.9	772.1	723.9	659.7	627.5	519.4
105°	950.0	942.9	914.6	886.3	914.6	942.9	950.0	841.9	697.8	625.7	521.0
107.5°	1042.4	1044.2	1051.0	1057.9	1051.0	1044.2	1042.4	891.6	690.7	590.2	497.8
110°	1066.2	1073.5	1103.1	1132.6	1103.1	1073.5	1066.2	897.6	672.9	560.5	477.2



TEST NUMBER: P934936

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1051.0	1062.4	1107.7	1153.1	1107.7	1062.4	1051.0	878.6	648.6	533.6	459.4
115°	999.8	1015.5	1078.4	1141.2	1078.4	1015.5	999.8	833.6	612.1	501.2	438.7
117.5°	928.9	946.3	1016.1	1085.8	1016.1	946.3	928.9	778.9	579.0	479.0	425.8
120°	881.2	898.2	965.9	1033.5	965.9	898.2	881.2	744.2	561.5	470.1	421.5
122.5°	833.5	850.2	917.0	983.8	917.0	850.2	833.5	710.1	545.5	463.3	419.2
125°	770.4	785.8	847.3	908.8	847.3	785.8	770.4	665.6	525.8	455.9	417.4
127.5°	719.7	732.7	784.6	836.5	784.6	732.7	719.7	629.7	509.7	449.7	416.3
130°	687.7	699.6	747.6	795.6	747.6	699.6	687.7	607.6	500.8	447.3	416.9
132.5°	660.4	671.2	714.1	757.0	714.1	671.2	660.4	588.7	493.0	445.2	417.4
135°	621.9	631.2	668.2	705.2	668.2	631.2	621.9	561.9	481.7	441.7	417.0
137.5°	593.4	601.0	631.3	661.6	631.3	601.0	593.4	542.6	474.9	441.1	419.6
140°	570.6	577.6	606.0	634.3	606.0	577.6	570.6	526.7	468.2	439.0	420.0
142.5°	554.6	560.7	585.0	609.4	585.0	560.7	554.6	516.1	464.7	439.0	421.5
145°	530.6	535.2	553.6	572.1	553.6	535.2	530.6	499.0	457.1	436.0	421.5
147.5°	510.4	514.2	529.5	544.8	529.5	514.2	510.4	485.7	452.6	436.0	424.4
150°	498.8	501.9	514.3	526.8	514.3	501.9	498.8	477.9	450.0	436.0	425.9
152.5°	489.7	492.0	501.3	510.7	501.3	492.0	489.7	471.8	448.0	436.0	426.8
155°	478.7	480.2	486.4	492.6	486.4	480.2	478.7	464.4	445.5	436.0	429.0
157.5°	469.2	470.3	474.7	479.0	474.7	470.3	469.2	458.1	443.4	436.0	431.2
160°	464.5	465.1	467.6	470.1	467.6	465.1	464.5	455.1	442.3	436.0	432.2
162.5°	460.0	460.6	463.0	465.4	463.0	460.6	460.0	452.0	441.4	436.0	433.3
165°	453.2	453.9	456.4	458.9	456.4	453.9	453.2	447.5	439.8	436.0	434.8
167.5°	450.3	450.6	451.6	452.7	451.6	450.6	450.3	446.5	441.5	439.0	437.9
170°	450.3	450.3	450.3	450.3	450.3	450.3	450.3	446.5	441.5	439.0	438.9
172.5°	447.9	447.7	446.7	445.8	446.7	447.7	447.9	444.9	441.0	439.0	439.0
175°	444.6	444.6	444.6	444.6	444.6	444.6	444.6	442.7	440.2	439.0	439.6
177.5°	444.1	443.8	442.7	441.7	442.7	443.8	444.1	442.5	440.5	439.6	440.0
180°	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7	441.7



TEST NUMBER: P934936

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1710.4	1710.4	1710.4	1710.4	1710.4
2.5°	1689.4	1697.4	1702.3	1708.8	1725.0
5°	1624.7	1655.4	1665.1	1689.4	1718.5
7.5°	1482.3	1576.1	1602.0	1660.2	1705.6
10°	1344.7	1438.6	1483.9	1621.4	1689.4
12.5°	1275.1	1330.2	1360.9	1553.4	1666.7
15°	1231.5	1270.3	1293.0	1462.9	1640.8
17.5°	1197.4	1225.0	1241.1	1373.9	1605.3
20°	1176.4	1189.4	1203.9	1309.1	1564.8
22.5°	1161.9	1153.7	1165.1	1263.8	1509.7
25°	1152.1	1121.4	1134.3	1228.2	1445.0
27.5°	1160.2	1092.3	1097.1	1195.8	1377.1
30°	1161.9	1056.7	1058.3	1161.9	1301.0
32.5°	1150.5	1019.5	1021.1	1119.8	1215.2
35°	1123.0	975.8	974.2	1071.2	1098.8
37.5°	1085.8	928.8	928.8	1017.9	970.9
40°	1040.5	881.9	886.8	948.3	857.6
42.5°	985.5	831.8	838.2	856.0	773.5
45°	925.6	783.2	788.1	723.4	708.7
47.5°	859.2	733.0	734.6	600.4	687.7
50°	780.0	681.3	674.8	514.6	686.1
52.5°	710.4	624.6	605.2	466.0	623.0
55°	642.5	564.7	522.7	428.9	577.7
57.5°	582.5	487.1	446.6	385.2	568.0
60°	527.5	411.0	380.3	338.2	521.0
62.5°	482.2	354.4	347.9	305.8	472.6
65°	433.6	315.5	313.9	278.3	401.3
67.5°	386.8	289.6	288.0	252.4	305.8
70°	336.6	262.2	258.9	224.9	226.5
72.5°	284.8	231.4	228.1	202.2	187.7
75°	233.0	195.8	194.2	176.4	152.1
77.5°	182.8	155.4	158.5	142.4	111.7
80°	131.1	113.3	116.5	101.9	84.1
82.5°	87.4	74.4	77.6	64.7	56.6
85°	48.6	42.1	43.7	33.9	25.9
87.5°	22.7	19.4	19.4	12.9	8.1
90°	13.1	8.3	7.7	5.4	3.0
92.5°	80.4	57.2	52.1	32.0	11.9
95°	197.9	111.5	102.3	65.4	28.5
97.5°	266.6	122.4	114.3	81.8	49.2
100°	291.5	131.6	124.2	94.7	65.2
102.5°	303.0	140.8	133.9	106.4	78.9
105°	311.5	154.4	148.6	125.3	101.9
107.5°	313.2	174.6	169.2	147.4	125.6
110°	310.8	185.9	181.0	161.3	141.7



TEST NUMBER: P934936

CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-6500K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	310.9	199.5	194.8	176.1	157.4
115°	313.7	219.9	215.6	198.3	181.1
117.5°	319.6	239.8	235.9	220.2	204.5
120°	324.2	251.4	247.7	232.9	218.2
122.5°	331.0	265.0	261.2	246.4	231.5
125°	340.3	282.5	279.1	265.5	252.0
127.5°	349.5	299.4	295.9	282.3	268.6
130°	356.2	310.7	306.9	292.2	277.5
132.5°	361.6	319.8	316.1	301.4	286.7
135°	367.6	330.5	327.1	313.6	300.2
137.5°	376.5	344.1	340.8	327.5	314.2
140°	381.9	353.3	350.3	338.0	325.8
142.5°	386.4	360.1	357.2	346.0	334.7
145°	392.3	370.5	368.0	358.2	348.2
147.5°	401.0	383.5	381.1	371.5	361.9
150°	405.6	390.4	388.2	379.5	370.8
152.5°	408.6	394.8	393.2	386.6	380.0
155°	415.1	404.6	403.3	398.5	393.7
157.5°	421.6	414.4	413.3	408.5	403.7
160°	424.5	418.8	417.9	414.2	410.5
162.5°	427.7	423.6	422.9	420.2	417.4
165°	432.3	430.4	429.7	427.2	424.7
167.5°	435.8	434.2	433.9	432.7	431.5
170°	438.8	438.7	438.4	437.2	436.0
172.5°	439.0	439.0	438.9	438.7	438.4
175°	440.8	441.7	441.7	441.7	441.7
177.5°	441.0	441.7	441.7	441.7	441.7
180°	441.7	441.7	441.7	441.7	441.7



TEST NUMBER: P934936  
 CATALOG NUMBER: SQ4-FA-075U-125D-92765-1D-UNV-STD-W-4-6500K

**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	15.34	16.30	16.20	17.19	18.29	18.13	19.10	18.99	19.98	21.09
	3H	15.82	16.69	16.69	17.58	18.72	19.48	20.35	20.35	21.24	22.37
	4H	16.02	16.84	16.91	17.73	18.88	19.92	20.74	20.81	21.64	22.78
	6H	16.14	16.90	17.04	17.80	18.96	20.20	20.96	21.10	21.86	23.02
	8H	16.15	16.87	17.06	17.79	18.95	20.28	21.00	21.19	21.92	23.08
	12H	16.12	16.81	17.04	17.72	18.91	20.32	21.00	21.23	21.91	23.10
4H	2H	16.38	17.20	17.27	18.09	19.24	18.56	19.38	19.45	20.27	21.42
	3H	17.41	18.09	18.32	19.02	20.18	20.06	20.75	20.97	21.68	22.84
	4H	17.69	18.32	18.61	19.24	20.42	20.59	21.21	21.51	22.14	23.32
	6H	17.82	18.36	18.75	19.31	20.50	20.95	21.49	21.88	22.44	23.63
	8H	17.83	18.33	18.76	19.28	20.48	21.06	21.56	21.99	22.50	23.70
	12H	17.80	18.26	18.76	19.22	20.42	21.12	21.57	22.07	22.53	23.73
8H	4H	18.15	18.65	19.08	19.59	20.79	20.72	21.23	21.66	22.17	23.37
	6H	18.42	18.83	19.37	19.81	21.01	21.16	21.57	22.12	22.56	23.76
	8H	18.46	18.83	19.43	19.80	21.02	21.31	21.67	22.27	22.65	23.86
	12H	18.45	18.77	19.42	19.74	21.00	21.40	21.73	22.37	22.69	23.96
12H	4H	18.16	18.61	19.11	19.57	20.78	20.69	21.15	21.65	22.11	23.31
	6H	18.48	18.84	19.44	19.82	21.03	21.16	21.52	22.12	22.50	23.71
	8H	18.55	18.87	19.52	19.84	21.10	21.32	21.64	22.29	22.61	23.87