

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: P934787

Luminaire Tested: SQ4-FA-075U-075D-B2750-1D-UNV-STD-W-6-2700K

Issue Date: 12/17/2024

**Test Information**

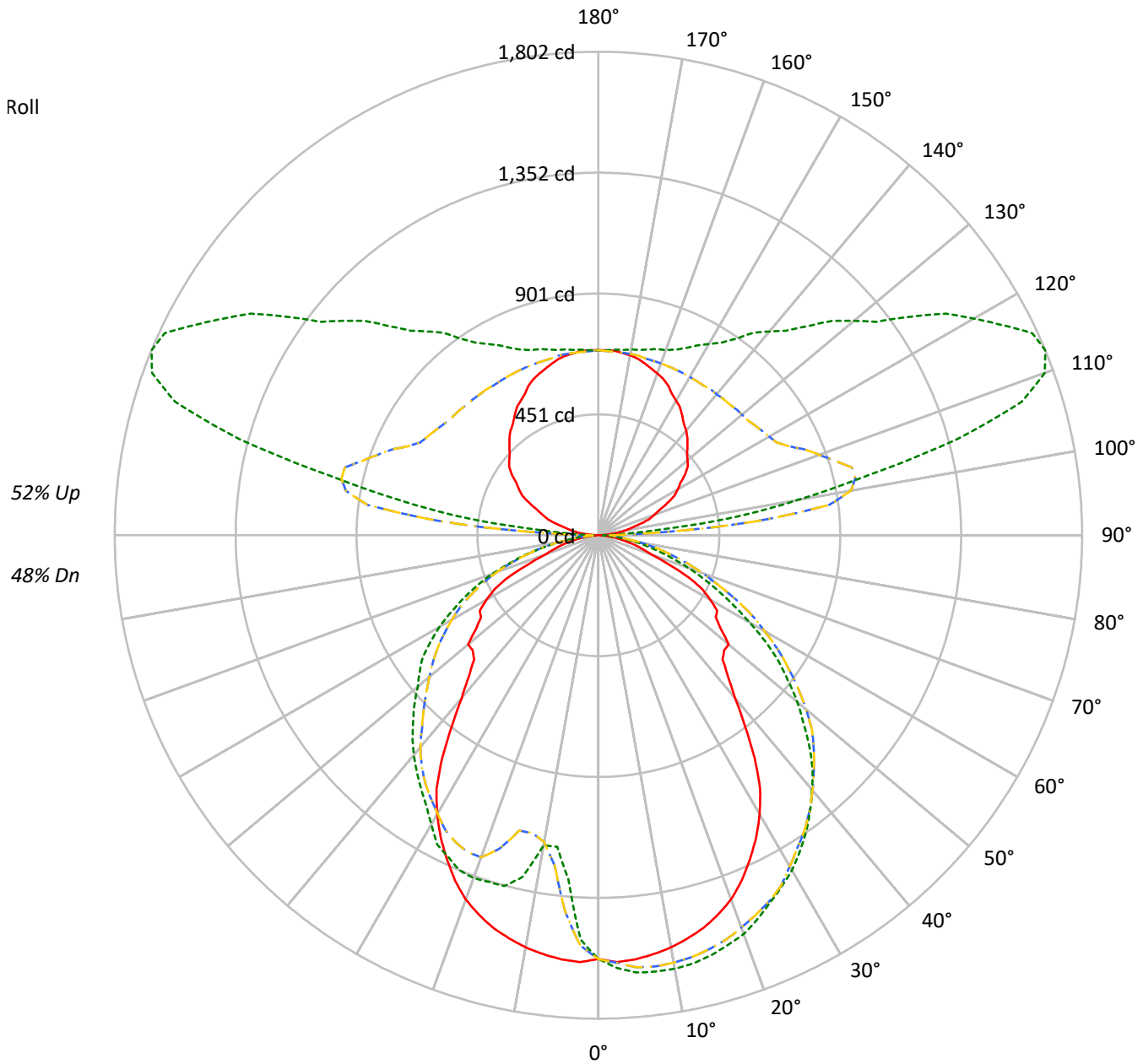
Test Method: LM-79-2019  
Report Number: P934787  
REPORT IS A COMBINATION OF REPORTS P933711 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-075U-075D-B2750-1D-UNV-STD-W-6-2700K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 8570.5 lumens  
Efficiency: N/A  
Efficacy: 134.8 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 6' x H: 0.1')  
CIE Type: General Diffuse  
  
Input Watts (W): 63.6  
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

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CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-STD-W-6-2700K

### Luminous Intensity Polar Plot



— 0°-180°    - - 45°-225°    - - - 90°-270°    - - - 135°-315°



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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20				20				20				20				20			
RC	80				70				50				30				10		0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	107	107	107	107	98	98	98	98	82	82	82	68	68	68	54	54	54	48	48	
1	97	93	89	86	89	86	82	79	72	70	68	60	58	56	48	47	46	40	40	
2	89	81	75	70	81	75	70	65	63	59	56	52	50	47	42	40	39	34	34	
3	81	71	64	58	74	66	60	54	56	51	47	46	43	40	37	35	33	29	29	
4	74	63	55	49	68	58	52	46	49	44	40	41	37	34	33	31	28	25	25	
5	68	56	48	42	62	52	45	40	44	39	34	37	33	29	30	27	25	21	21	
6	62	50	42	37	57	47	40	34	40	34	30	33	29	26	27	24	22	19	19	
7	58	45	38	32	53	42	35	30	36	30	26	30	26	23	25	22	19	17	17	
8	54	41	33	28	49	38	31	27	33	27	23	28	23	20	23	20	17	15	15	
9	50	38	30	25	46	35	28	24	30	25	21	25	21	18	21	18	15	13	13	
10	46	34	27	22	43	32	26	21	28	22	19	23	19	16	19	16	14	12	12	

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

	0°	90°	180°	270°
0°	9769	9769	9769	9769
5°	9838	9861	9838	7754
10°	9769	9714	9769	6945
15°	9659	9503	9659	7936
20°	9453	9254	9453	7952
25°	9036	8890	9036	7784
30°	8499	8588	8499	7414
35°	7572	8207	7572	7007
40°	6306	7757	6306	6700
45°	5631	7231	5631	6347
50°	5978	6603	5978	5992
55°	5619	5927	5619	5787
60°	5785	5034	5785	5301
65°	5236	4161	5236	4652
70°	3618	3317	3618	3899
75°	3159	2452	3159	2936
80°	2529	1621	2529	1765
85°	1425	859	1425	730

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 8636 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	142.5	1.7
10°-20°	404.7	4.7
20°-30°	625.6	7.3
30°-40°	746.9	8.7
40°-50°	751.3	8.8
50°-60°	653.7	7.6
60°-70°	463.5	5.4
70°-80°	245.2	2.9
80°-90°	63.7	0.7
90°-100°	336.4	3.9
100°-110°	884.4	10.3
110°-120°	917.0	10.7
120°-130°	735.5	8.6
130°-140°	577.1	6.7
140°-150°	443.0	5.2
150°-160°	319.0	3.7
160°-170°	195.2	2.3
170°-180°	65.9	0.8
0°-30°	1172.9	13.7
0°-40°	1919.8	22.4
0°-60°	3324.7	38.8
0°-90°	4097.1	47.8
90°-120°	2137.7	24.9
90°-150°	3893.3	45.4
90°-180°	4473.0	52.2
0°-180°	8570.5	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	1579	1579	1579	1579	1579	
5°	1587	1636	1587	1286	1587	151
15°	1515	1621	1515	1354	1515	426
25°	1334	1512	1334	1324	1334	613
35°	1014	1349	1014	1152	1014	628
45°	654	1112	654	976	654	524
55°	533	820	533	801	533	490
65°	370	494	370	553	370	354
75°	140	235	140	281	140	148
85°	24	60	24	51	24	32
90°	5	18	5	18	5	5
95°	44	203	44	203	44	49
105°	159	1385	159	1385	159	169
115°	283	1783	283	1783	283	279
125°	394	1420	394	1420	394	349
135°	469	1102	469	1102	469	363
145°	544	894	544	894	544	341
155°	615	770	615	770	615	283
165°	664	717	664	717	664	187
175°	690	695	690	695	690	66
180°	690	690	690	690	690	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2
2.5°	1592.6	1592.6	1601.6	1604.6	1604.6	1600.1	1595.6	1600.1	1613.5	1618.0	1616.5
5°	1586.6	1598.6	1615.0	1618.0	1621.0	1619.5	1616.5	1619.5	1634.4	1637.4	1638.9
7.5°	1574.7	1597.1	1618.0	1622.5	1627.0	1622.5	1621.0	1624.0	1638.9	1641.9	1641.9
10°	1559.7	1591.1	1615.0	1618.0	1622.5	1618.0	1618.0	1624.0	1638.9	1641.9	1643.4
12.5°	1538.8	1582.1	1604.6	1607.5	1613.5	1612.0	1610.5	1616.5	1631.4	1634.4	1634.4
15°	1514.9	1565.7	1586.6	1589.6	1600.1	1597.1	1597.1	1603.1	1619.5	1624.0	1622.5
17.5°	1482.0	1544.8	1568.7	1573.2	1580.7	1579.2	1580.7	1586.6	1601.6	1604.6	1606.0
20°	1444.7	1516.4	1544.8	1549.3	1556.7	1556.7	1556.7	1564.2	1579.2	1585.1	1585.1
22.5°	1393.9	1486.5	1516.4	1519.4	1528.4	1528.4	1531.4	1541.8	1555.3	1556.7	1556.7
25°	1334.1	1453.7	1479.1	1488.0	1497.0	1501.5	1506.0	1511.9	1516.4	1514.9	1516.4
27.5°	1271.4	1411.8	1444.7	1450.7	1462.6	1467.1	1473.1	1474.6	1476.1	1480.6	1477.6
30°	1201.2	1353.6	1402.9	1408.8	1428.3	1431.3	1425.3	1428.3	1435.7	1438.7	1441.7
32.5°	1122.0	1266.9	1359.5	1373.0	1390.9	1382.0	1380.5	1384.9	1396.9	1396.9	1399.9
35°	1014.4	1199.7	1319.2	1331.2	1344.6	1334.1	1340.1	1341.6	1349.1	1353.6	1352.1
37.5°	896.4	1141.4	1277.4	1286.3	1296.8	1283.3	1292.3	1296.8	1302.8	1299.8	1299.8
40°	791.8	1050.3	1228.1	1234.0	1243.0	1232.6	1241.5	1244.5	1247.5	1244.5	1243.0
42.5°	714.1	950.2	1175.8	1183.2	1177.3	1184.7	1187.7	1193.7	1189.2	1183.2	1183.2
45°	654.4	923.3	1119.0	1128.0	1119.0	1131.0	1135.4	1135.4	1122.0	1119.0	1117.5
47.5°	635.0	869.5	1062.2	1062.2	1057.8	1072.7	1080.2	1069.7	1056.3	1051.8	1051.8
50°	633.5	809.7	984.5	978.6	999.5	1017.4	1009.9	999.5	989.0	972.6	972.6
52.5°	575.2	736.5	884.4	906.9	939.7	950.2	938.2	927.8	909.8	902.4	896.4
55°	533.4	660.3	793.3	838.1	872.5	885.9	863.5	853.1	826.2	821.7	818.7
57.5°	524.4	549.8	709.6	766.4	808.3	806.8	793.3	773.9	751.5	747.0	745.5
60°	481.1	397.4	620.0	687.2	730.6	726.1	714.1	696.2	675.3	672.3	669.3
62.5°	436.2	288.3	518.4	594.6	655.9	654.4	643.9	617.0	602.1	594.6	588.6
65°	370.5	242.0	369.0	494.5	582.7	585.6	563.2	543.8	527.4	518.4	516.9
67.5°	282.4	197.2	249.5	412.3	512.4	509.5	481.1	472.1	451.2	446.7	437.7
70°	209.2	131.5	173.3	334.7	443.7	436.2	413.8	403.4	384.0	373.5	367.5
72.5°	173.3	106.1	127.0	260.0	373.5	364.5	345.1	333.2	316.7	307.8	301.8
75°	140.4	112.0	97.1	192.7	303.3	297.3	279.4	267.4	254.0	242.0	243.5
77.5°	103.1	104.6	77.7	141.9	240.5	231.6	221.1	206.2	200.2	188.2	188.2
80°	77.7	82.2	58.3	97.1	173.3	173.3	164.3	153.9	143.4	137.4	137.4
82.5°	52.3	52.3	43.3	61.3	118.0	113.5	107.6	104.6	98.6	95.6	95.6
85°	23.9	29.9	26.9	37.4	64.2	67.2	67.2	64.2	62.7	59.8	61.3
87.5°	7.5	13.4	16.4	20.9	32.9	34.4	35.9	35.9	35.9	37.4	37.4
90°	4.6	8.3	12.1	12.9	20.3	30.2	35.2	31.3	23.5	17.6	17.6
92.5°	18.5	50.0	81.5	89.3	125.6	174.0	198.2	173.7	124.7	87.9	84.5
95°	44.4	102.1	159.7	174.1	309.2	489.3	579.4	517.0	392.2	298.7	288.1
97.5°	76.9	127.7	178.5	191.2	416.5	716.8	867.0	827.6	748.8	689.6	669.4
100°	101.9	148.0	194.1	205.7	455.6	788.8	955.5	958.4	964.1	968.4	944.4
102.5°	123.2	166.2	209.3	220.0	473.5	811.4	980.5	1030.7	1131.2	1206.5	1185.8
105°	159.4	195.8	232.3	241.3	486.7	814.0	977.7	1090.2	1315.4	1484.3	1473.3
107.5°	196.4	230.4	264.3	272.8	489.2	777.8	922.1	1079.2	1393.3	1628.9	1631.5
110°	221.4	252.1	282.7	290.3	485.5	745.7	875.8	1051.4	1402.6	1665.9	1677.5



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	245.9	275.1	304.4	311.6	485.6	717.6	833.7	1013.3	1372.7	1642.2	1659.9
115°	283.0	310.0	336.8	343.6	490.1	685.4	783.2	956.3	1302.5	1562.1	1586.6
117.5°	319.5	344.0	368.5	374.7	499.3	665.3	748.4	904.7	1217.1	1451.5	1478.7
120°	340.8	363.9	386.9	392.7	506.7	658.6	734.6	877.3	1162.7	1376.9	1403.4
122.5°	361.7	385.0	408.3	414.0	517.3	655.1	723.9	852.4	1109.4	1302.3	1328.4
125°	393.6	414.8	436.0	441.3	531.7	652.1	712.3	821.5	1039.9	1203.7	1227.7
127.5°	419.6	441.0	462.3	467.7	546.0	650.4	702.6	796.3	983.8	1124.5	1144.8
130°	433.5	456.6	479.6	485.4	556.6	651.5	698.9	782.4	949.3	1074.5	1093.2
132.5°	447.8	470.9	493.9	499.7	565.0	652.1	695.6	770.3	919.8	1031.9	1048.6
135°	469.1	490.1	511.1	516.4	574.3	651.5	690.0	752.6	877.8	971.6	986.0
137.5°	490.9	511.6	532.5	537.6	588.1	655.5	689.1	742.0	847.8	927.2	939.0
140°	509.0	528.1	547.3	552.1	596.7	656.2	685.8	731.6	823.0	891.5	902.6
142.5°	522.9	540.6	558.4	562.7	603.8	658.5	685.8	726.0	806.3	866.5	876.1
145°	544.2	559.7	575.0	578.9	613.0	658.6	681.3	714.1	779.8	829.0	836.1
147.5°	565.4	580.5	595.5	599.3	626.6	663.0	681.3	707.1	758.8	797.5	803.5
150°	579.4	592.9	606.6	610.0	633.8	665.4	681.3	703.1	746.7	779.5	784.4
152.5°	593.7	604.1	614.3	616.9	638.3	666.9	681.3	699.9	737.1	765.1	768.8
155°	615.0	622.6	630.3	632.2	648.5	670.3	681.3	696.1	725.8	748.0	750.4
157.5°	630.8	638.2	645.6	647.5	658.8	673.8	681.3	692.8	715.8	733.2	734.8
160°	641.4	647.2	653.0	654.4	663.3	675.3	681.3	691.1	710.8	725.7	726.7
162.5°	652.1	656.5	660.7	661.8	668.3	677.0	681.3	689.6	706.3	718.8	719.7
165°	663.6	667.6	671.5	672.5	675.4	679.3	681.3	687.2	699.2	708.2	709.2
167.5°	674.3	676.2	678.0	678.5	681.0	684.3	685.8	689.7	697.6	703.5	703.9
170°	681.3	683.2	684.9	685.4	685.5	685.7	685.8	689.7	697.6	703.5	703.5
172.5°	684.9	685.3	685.7	685.8	685.8	685.8	685.8	688.9	695.1	699.8	699.4
175°	690.0	690.0	690.0	690.0	688.6	686.7	685.8	687.8	691.7	694.7	694.7
177.5°	690.0	690.0	690.0	690.0	688.9	687.5	686.8	688.4	691.5	693.8	693.4
180°	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2
2.5°	1619.5	1615.0	1619.5	1616.5	1618.0	1613.5	1600.1	1595.6	1600.1	1604.6	1604.6
5°	1638.9	1635.9	1638.9	1638.9	1637.4	1634.4	1619.5	1616.5	1619.5	1621.0	1618.0
7.5°	1644.9	1640.4	1644.9	1641.9	1641.9	1638.9	1624.0	1621.0	1622.5	1627.0	1622.5
10°	1644.9	1640.4	1644.9	1643.4	1641.9	1638.9	1624.0	1618.0	1618.0	1622.5	1618.0
12.5°	1637.4	1634.4	1637.4	1634.4	1634.4	1631.4	1616.5	1610.5	1612.0	1613.5	1607.5
15°	1625.5	1621.0	1625.5	1622.5	1624.0	1619.5	1603.1	1597.1	1597.1	1600.1	1589.6
17.5°	1607.5	1601.6	1607.5	1606.0	1604.6	1601.6	1586.6	1580.7	1579.2	1580.7	1573.2
20°	1586.6	1582.1	1586.6	1585.1	1585.1	1579.2	1564.2	1556.7	1556.7	1556.7	1549.3
22.5°	1553.8	1549.3	1553.8	1556.7	1556.7	1555.3	1541.8	1531.4	1528.4	1528.4	1519.4
25°	1516.4	1511.9	1516.4	1516.4	1514.9	1516.4	1511.9	1506.0	1501.5	1497.0	1488.0
27.5°	1480.6	1477.6	1480.6	1477.6	1480.6	1476.1	1474.6	1473.1	1467.1	1462.6	1450.7
30°	1444.7	1441.7	1444.7	1441.7	1438.7	1435.7	1428.3	1425.3	1431.3	1428.3	1408.8
32.5°	1399.9	1396.9	1399.9	1399.9	1396.9	1396.9	1384.9	1380.5	1382.0	1390.9	1373.0
35°	1353.6	1349.1	1353.6	1352.1	1353.6	1349.1	1341.6	1340.1	1334.1	1344.6	1331.2
37.5°	1299.8	1295.3	1299.8	1299.8	1299.8	1302.8	1296.8	1292.3	1283.3	1296.8	1286.3
40°	1244.5	1238.5	1244.5	1243.0	1244.5	1247.5	1244.5	1241.5	1232.6	1243.0	1234.0
42.5°	1181.8	1180.3	1181.8	1183.2	1183.2	1189.2	1193.7	1187.7	1184.7	1177.3	1183.2
45°	1114.5	1111.5	1114.5	1117.5	1119.0	1122.0	1135.4	1135.4	1131.0	1119.0	1128.0
47.5°	1042.8	1035.3	1042.8	1051.8	1051.8	1056.3	1069.7	1080.2	1072.7	1057.8	1062.2
50°	966.6	968.1	966.6	972.6	972.6	989.0	999.5	1009.9	1017.4	999.5	978.6
52.5°	891.9	890.4	891.9	896.4	902.4	909.8	927.8	938.2	950.2	939.7	906.9
55°	817.2	820.2	817.2	818.7	821.7	826.2	853.1	863.5	885.9	872.5	838.1
57.5°	742.5	738.0	742.5	745.5	747.0	751.5	773.9	793.3	806.8	808.3	766.4
60°	655.9	649.9	655.9	669.3	672.3	675.3	696.2	714.1	726.1	730.6	687.2
62.5°	579.7	569.2	579.7	588.6	594.6	602.1	617.0	643.9	654.4	655.9	594.6
65°	499.0	494.5	499.0	516.9	518.4	527.4	543.8	563.2	585.6	582.7	494.5
67.5°	425.8	425.8	425.8	437.7	446.7	451.2	472.1	481.1	509.5	512.4	412.3
70°	358.6	357.1	358.6	367.5	373.5	384.0	403.4	413.8	436.2	443.7	334.7
72.5°	294.3	292.8	294.3	301.8	307.8	316.7	333.2	345.1	364.5	373.5	260.0
75°	237.5	234.6	237.5	243.5	242.0	254.0	267.4	279.4	297.3	303.3	192.7
77.5°	182.3	182.3	182.3	188.2	188.2	200.2	206.2	221.1	231.6	240.5	141.9
80°	136.0	134.5	136.0	137.4	137.4	143.4	153.9	164.3	173.3	173.3	97.1
82.5°	95.6	92.6	95.6	95.6	95.6	98.6	104.6	107.6	113.5	118.0	61.3
85°	59.8	59.8	59.8	61.3	59.8	62.7	64.2	67.2	67.2	64.2	37.4
87.5°	38.8	37.4	38.8	37.4	37.4	35.9	35.9	35.9	34.4	32.9	20.9
90°	17.6	17.6	17.6	17.6	17.6	23.5	31.3	35.2	30.2	20.3	12.9
92.5°	70.4	56.5	70.4	84.5	87.9	124.7	173.7	198.2	174.0	125.6	89.3
95°	245.7	203.3	245.7	288.1	298.7	392.2	517.0	579.4	489.3	309.2	174.1
97.5°	588.7	508.1	588.7	669.4	689.6	748.8	827.6	867.0	716.8	416.5	191.2
100°	848.2	752.1	848.2	944.4	968.4	964.1	958.4	955.5	788.8	455.6	205.7
102.5°	1103.6	1021.2	1103.6	1185.8	1206.5	1131.2	1030.7	980.5	811.4	473.5	220.0
105°	1429.0	1384.7	1429.0	1473.3	1484.3	1315.4	1090.2	977.7	814.0	486.7	241.3
107.5°	1642.2	1652.9	1642.2	1631.5	1628.9	1393.3	1079.2	922.1	777.8	489.2	272.8
110°	1723.5	1769.6	1723.5	1677.5	1665.9	1402.6	1051.4	875.8	745.7	485.5	290.3





TEST NUMBER: P934787

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-STD-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1730.7	1801.6	1730.7	1659.9	1642.2	1372.7	1013.3	833.7	717.6	485.6	311.6
115°	1684.8	1783.0	1684.8	1586.6	1562.1	1302.5	956.3	783.2	685.4	490.1	343.6
117.5°	1587.5	1696.4	1587.5	1478.7	1451.5	1217.1	904.7	748.4	665.3	499.3	374.7
120°	1509.1	1614.9	1509.1	1403.4	1376.9	1162.7	877.3	734.6	658.6	506.7	392.7
122.5°	1432.7	1537.1	1432.7	1328.4	1302.3	1109.4	852.4	723.9	655.1	517.3	414.0
125°	1323.9	1420.0	1323.9	1227.7	1203.7	1039.9	821.5	712.3	652.1	531.7	441.3
127.5°	1225.9	1307.0	1225.9	1144.8	1124.5	983.8	796.3	702.6	650.4	546.0	467.7
130°	1168.1	1243.0	1168.1	1093.2	1074.5	949.3	782.4	698.9	651.5	556.6	485.4
132.5°	1115.7	1182.8	1115.7	1048.6	1031.9	919.8	770.3	695.6	652.1	565.0	499.7
135°	1043.9	1101.8	1043.9	986.0	971.6	877.8	752.6	690.0	651.5	574.3	516.4
137.5°	986.3	1033.7	986.3	939.0	927.2	847.8	742.0	689.1	655.5	588.1	537.6
140°	946.9	991.1	946.9	902.6	891.5	823.0	731.6	685.8	656.2	596.7	552.1
142.5°	914.1	952.2	914.1	876.1	866.5	806.3	726.0	685.8	658.5	603.8	562.7
145°	865.0	893.8	865.0	836.1	829.0	779.8	714.1	681.3	658.6	613.0	578.9
147.5°	827.3	851.2	827.3	803.5	797.5	758.8	707.1	681.3	663.0	626.6	599.3
150°	803.7	823.0	803.7	784.4	779.5	746.7	703.1	681.3	665.4	633.8	610.0
152.5°	783.4	798.0	783.4	768.8	765.1	737.1	699.9	681.3	666.9	638.3	616.9
155°	760.0	769.7	760.0	750.4	748.0	725.8	696.1	681.3	670.3	648.5	632.2
157.5°	741.6	748.4	741.6	734.8	733.2	715.8	692.8	681.3	673.8	658.8	647.5
160°	730.6	734.6	730.6	726.7	725.7	710.8	691.1	681.3	675.3	663.3	654.4
162.5°	723.4	727.1	723.4	719.7	718.8	706.3	689.6	681.3	677.0	668.3	661.8
165°	713.0	716.9	713.0	709.2	708.2	699.2	687.2	681.3	679.3	675.4	672.5
167.5°	705.6	707.2	705.6	703.9	703.5	697.6	689.7	685.8	684.3	681.0	678.5
170°	703.5	703.5	703.5	703.5	703.5	697.6	689.7	685.8	685.7	685.5	685.4
172.5°	698.0	696.5	698.0	699.4	699.8	695.1	688.9	685.8	685.8	685.8	685.8
175°	694.7	694.7	694.7	694.7	694.7	691.7	687.8	685.8	686.7	688.6	690.0
177.5°	691.7	690.0	691.7	693.4	693.8	691.5	688.4	686.8	687.5	688.9	690.0
180°	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0



TEST NUMBER: P934787

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-STD-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2
2.5°	1601.6	1592.6	1592.6	1577.7	1571.7	1567.2	1559.7	1537.3	1531.4	1525.4	1534.3
5°	1615.0	1598.6	1586.6	1559.7	1537.3	1528.4	1500.0	1446.2	1410.3	1383.4	1368.5
7.5°	1618.0	1597.1	1574.7	1532.8	1479.1	1455.2	1368.5	1269.9	1243.0	1219.1	1204.2
10°	1615.0	1591.1	1559.7	1497.0	1370.0	1328.2	1241.5	1177.3	1160.8	1156.4	1160.8
12.5°	1604.6	1582.1	1538.8	1434.2	1256.5	1228.1	1177.3	1139.9	1136.9	1144.4	1184.7
15°	1586.6	1565.7	1514.9	1350.6	1193.7	1172.8	1136.9	1123.5	1139.9	1192.2	1313.2
17.5°	1568.7	1544.8	1482.0	1268.4	1145.9	1131.0	1105.6	1132.5	1225.1	1295.3	1335.6
20°	1544.8	1516.4	1444.7	1208.6	1111.5	1098.1	1086.1	1207.2	1277.4	1302.8	1325.2
22.5°	1516.4	1486.5	1393.9	1166.8	1075.7	1065.2	1072.7	1249.0	1277.4	1295.3	1314.7
25°	1479.1	1453.7	1334.1	1133.9	1047.3	1035.3	1063.7	1244.5	1260.9	1265.4	1304.3
27.5°	1444.7	1411.8	1271.4	1104.1	1012.9	1008.4	1071.2	1225.1	1237.0	1241.5	1283.3
30°	1402.9	1353.6	1201.2	1072.7	977.1	975.6	1072.7	1201.2	1198.2	1210.1	1252.0
32.5°	1359.5	1266.9	1122.0	1033.8	942.7	941.2	1062.2	1165.3	1162.3	1178.8	1210.1
35°	1319.2	1199.7	1014.4	989.0	899.4	900.9	1036.8	1123.5	1125.0	1139.9	1159.3
37.5°	1277.4	1141.4	896.4	939.7	857.6	857.6	1002.5	1084.6	1081.7	1086.1	1113.0
40°	1228.1	1050.3	791.8	875.5	818.7	814.2	960.6	1042.8	1032.4	1030.9	1068.2
42.5°	1175.8	950.2	714.1	790.3	773.9	767.9	909.8	992.0	972.6	977.1	1024.9
45°	1119.0	923.3	654.4	667.8	727.6	723.1	854.6	933.8	920.3	932.3	981.6
47.5°	1062.2	869.5	635.0	554.3	678.3	676.8	793.3	877.0	869.5	881.5	933.8
50°	984.5	809.7	633.5	475.1	623.0	629.0	720.1	821.7	821.7	832.2	887.4
52.5°	884.4	736.5	575.2	430.3	558.8	576.7	655.9	773.9	776.9	787.3	836.6
55°	793.3	660.3	533.4	395.9	482.6	521.4	593.1	724.6	730.6	741.0	785.8
57.5°	709.6	549.8	524.4	355.6	412.3	449.7	537.8	676.8	679.8	688.7	732.1
60°	620.0	397.4	481.1	312.2	351.1	379.5	487.0	620.0	630.5	636.4	673.8
62.5°	518.4	288.3	436.2	282.4	321.2	327.2	445.2	566.2	579.7	584.2	606.6
65°	369.0	242.0	370.5	257.0	289.8	291.3	400.4	510.9	522.9	530.4	546.8
67.5°	249.5	197.2	282.4	233.1	265.9	267.4	357.1	446.7	463.1	469.1	479.6
70°	173.3	131.5	209.2	207.7	239.0	242.0	310.8	388.4	403.4	407.9	413.8
72.5°	127.0	106.1	173.3	186.8	210.7	213.6	262.9	322.7	337.6	342.1	345.1
75°	97.1	112.0	140.4	162.8	179.3	180.8	215.1	262.9	273.4	276.4	277.9
77.5°	77.7	104.6	103.1	131.5	146.4	143.4	168.8	203.2	212.1	212.1	212.1
80°	58.3	82.2	77.7	94.1	107.6	104.6	121.0	144.9	147.9	150.9	149.4
82.5°	43.3	52.3	52.3	59.8	71.7	68.7	80.7	94.1	94.1	94.1	97.1
85°	26.9	29.9	23.9	31.4	40.3	38.8	44.8	50.8	52.3	52.3	49.3
87.5°	16.4	13.4	7.5	12.0	17.9	17.9	20.9	22.4	20.9	20.9	20.9
90°	12.1	8.3	4.6	8.3	12.1	12.9	20.3	30.2	35.2	31.3	23.5
92.5°	81.5	50.0	18.5	50.0	81.5	89.3	125.6	174.0	198.2	173.7	124.7
95°	159.7	102.1	44.4	102.1	159.7	174.1	309.2	489.3	579.4	517.0	392.2
97.5°	178.5	127.7	76.9	127.7	178.5	191.2	416.5	716.8	867.0	827.6	748.8
100°	194.1	148.0	101.9	148.0	194.1	205.7	455.6	788.8	955.5	958.4	964.1
102.5°	209.3	166.2	123.2	166.2	209.3	220.0	473.5	811.4	980.5	1030.7	1131.2
105°	232.3	195.8	159.4	195.8	232.3	241.3	486.7	814.0	977.7	1090.2	1315.4
107.5°	264.3	230.4	196.4	230.4	264.3	272.8	489.2	777.8	922.1	1079.2	1393.3
110°	282.7	252.1	221.4	252.1	282.7	290.3	485.5	745.7	875.8	1051.4	1402.6



TEST NUMBER: P934787

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-STD-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	304.4	275.1	245.9	275.1	304.4	311.6	485.6	717.6	833.7	1013.3	1372.7
115°	336.8	310.0	283.0	310.0	336.8	343.6	490.1	685.4	783.2	956.3	1302.5
117.5°	368.5	344.0	319.5	344.0	368.5	374.7	499.3	665.3	748.4	904.7	1217.1
120°	386.9	363.9	340.8	363.9	386.9	392.7	506.7	658.6	734.6	877.3	1162.7
122.5°	408.3	385.0	361.7	385.0	408.3	414.0	517.3	655.1	723.9	852.4	1109.4
125°	436.0	414.8	393.6	414.8	436.0	441.3	531.7	652.1	712.3	821.5	1039.9
127.5°	462.3	441.0	419.6	441.0	462.3	467.7	546.0	650.4	702.6	796.3	983.8
130°	479.6	456.6	433.5	456.6	479.6	485.4	556.6	651.5	698.9	782.4	949.3
132.5°	493.9	470.9	447.8	470.9	493.9	499.7	565.0	652.1	695.6	770.3	919.8
135°	511.1	490.1	469.1	490.1	511.1	516.4	574.3	651.5	690.0	752.6	877.8
137.5°	532.5	511.6	490.9	511.6	532.5	537.6	588.1	655.5	689.1	742.0	847.8
140°	547.3	528.1	509.0	528.1	547.3	552.1	596.7	656.2	685.8	731.6	823.0
142.5°	558.4	540.6	522.9	540.6	558.4	562.7	603.8	658.5	685.8	726.0	806.3
145°	575.0	559.7	544.2	559.7	575.0	578.9	613.0	658.6	681.3	714.1	779.8
147.5°	595.5	580.5	565.4	580.5	595.5	599.3	626.6	663.0	681.3	707.1	758.8
150°	606.6	592.9	579.4	592.9	606.6	610.0	633.8	665.4	681.3	703.1	746.7
152.5°	614.3	604.1	593.7	604.1	614.3	616.9	638.3	666.9	681.3	699.9	737.1
155°	630.3	622.6	615.0	622.6	630.3	632.2	648.5	670.3	681.3	696.1	725.8
157.5°	645.6	638.2	630.8	638.2	645.6	647.5	658.8	673.8	681.3	692.8	715.8
160°	653.0	647.2	641.4	647.2	653.0	654.4	663.3	675.3	681.3	691.1	710.8
162.5°	660.7	656.5	652.1	656.5	660.7	661.8	668.3	677.0	681.3	689.6	706.3
165°	671.5	667.6	663.6	667.6	671.5	672.5	675.4	679.3	681.3	687.2	699.2
167.5°	678.0	676.2	674.3	676.2	678.0	678.5	681.0	684.3	685.8	689.7	697.6
170°	684.9	683.2	681.3	683.2	684.9	685.4	685.5	685.7	685.8	689.7	697.6
172.5°	685.7	685.3	684.9	685.3	685.7	685.8	685.8	685.8	685.8	688.9	695.1
175°	690.0	690.0	690.0	690.0	690.0	690.0	688.6	686.7	685.8	687.8	691.7
177.5°	690.0	690.0	690.0	690.0	690.0	690.0	688.9	687.5	686.8	688.4	691.5
180°	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0



TEST NUMBER: P934787

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-STD-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2	1579.2
2.5°	1523.9	1519.4	1525.4	1508.9	1525.4	1519.4	1523.9	1534.3	1525.4	1531.4	1537.3
5°	1337.1	1329.7	1305.8	1286.3	1305.8	1329.7	1337.1	1368.5	1383.4	1410.3	1446.2
7.5°	1195.2	1189.2	1183.2	1171.3	1183.2	1189.2	1195.2	1204.2	1219.1	1243.0	1269.9
10°	1163.8	1165.3	1174.3	1172.8	1174.3	1165.3	1163.8	1160.8	1156.4	1160.8	1177.3
12.5°	1244.5	1257.9	1307.2	1304.3	1307.2	1257.9	1244.5	1184.7	1144.4	1136.9	1139.9
15°	1337.1	1341.6	1352.1	1353.6	1352.1	1341.6	1337.1	1313.2	1192.2	1139.9	1123.5
17.5°	1346.1	1347.6	1355.1	1355.1	1355.1	1347.6	1346.1	1335.6	1295.3	1225.1	1132.5
20°	1338.6	1341.6	1356.6	1359.5	1356.6	1341.6	1338.6	1325.2	1302.8	1277.4	1207.2
22.5°	1335.6	1341.6	1353.6	1352.1	1353.6	1341.6	1335.6	1314.7	1295.3	1277.4	1249.0
25°	1320.7	1320.7	1322.2	1323.7	1322.2	1320.7	1320.7	1304.3	1265.4	1260.9	1244.5
27.5°	1289.3	1292.3	1301.3	1299.8	1301.3	1292.3	1289.3	1283.3	1241.5	1237.0	1225.1
30°	1260.9	1257.9	1250.5	1244.5	1250.5	1257.9	1260.9	1252.0	1210.1	1198.2	1201.2
32.5°	1213.1	1205.7	1198.2	1193.7	1198.2	1205.7	1213.1	1210.1	1178.8	1162.3	1165.3
35°	1156.4	1157.8	1156.4	1151.9	1156.4	1157.8	1156.4	1159.3	1139.9	1125.0	1123.5
37.5°	1116.0	1119.0	1117.5	1111.5	1117.5	1119.0	1116.0	1113.0	1086.1	1081.7	1084.6
40°	1074.2	1075.7	1074.2	1069.7	1074.2	1075.7	1074.2	1068.2	1030.9	1032.4	1042.8
42.5°	1033.8	1032.4	1027.9	1024.9	1027.9	1032.4	1033.8	1024.9	977.1	972.6	992.0
45°	987.5	989.0	980.1	975.6	980.1	989.0	987.5	981.6	932.3	920.3	933.8
47.5°	941.2	941.2	933.8	929.3	933.8	941.2	941.2	933.8	881.5	869.5	877.0
50°	891.9	890.4	880.0	878.5	880.0	890.4	891.9	887.4	832.2	821.7	821.7
52.5°	835.1	835.1	836.6	839.6	836.6	835.1	835.1	836.6	787.3	776.9	773.9
55°	785.8	787.3	797.8	800.8	797.8	787.3	785.8	785.8	741.0	730.6	724.6
57.5°	735.0	735.0	742.5	742.5	742.5	735.0	735.0	732.1	688.7	679.8	676.8
60°	676.8	679.8	685.7	684.3	685.7	679.8	676.8	673.8	636.4	630.5	620.0
62.5°	615.5	618.5	620.0	617.0	620.0	618.5	615.5	606.6	584.2	579.7	566.2
65°	551.3	554.3	555.8	552.8	555.8	554.3	551.3	546.8	530.4	522.9	510.9
67.5°	485.6	484.1	482.6	488.5	482.6	484.1	485.6	479.6	469.1	463.1	446.7
70°	418.3	418.3	416.8	419.8	416.8	418.3	418.3	413.8	407.9	403.4	388.4
72.5°	346.6	345.1	351.1	346.6	351.1	345.1	346.6	345.1	342.1	337.6	322.7
75°	276.4	279.4	276.4	280.9	276.4	279.4	276.4	277.9	276.4	273.4	262.9
77.5°	210.7	213.6	210.7	210.7	210.7	213.6	210.7	212.1	212.1	212.1	203.2
80°	149.4	147.9	147.9	146.4	147.9	147.9	149.4	149.4	150.9	147.9	144.9
82.5°	95.6	94.1	94.1	97.1	94.1	94.1	95.6	97.1	94.1	94.1	94.1
85°	52.3	53.8	50.8	50.8	50.8	53.8	52.3	49.3	52.3	52.3	50.8
87.5°	19.4	17.9	17.9	17.9	17.9	17.9	19.4	20.9	20.9	20.9	22.4
90°	17.6	17.6	17.6	17.6	17.6	17.6	17.6	23.5	31.3	35.2	30.2
92.5°	87.9	84.5	70.4	56.5	70.4	84.5	87.9	124.7	173.7	198.2	174.0
95°	298.7	288.1	245.7	203.3	245.7	288.1	298.7	392.2	517.0	579.4	489.3
97.5°	689.6	669.4	588.7	508.1	588.7	669.4	689.6	748.8	827.6	867.0	716.8
100°	968.4	944.4	848.2	752.1	848.2	944.4	968.4	964.1	958.4	955.5	788.8
102.5°	1206.5	1185.8	1103.6	1021.2	1103.6	1185.8	1206.5	1131.2	1030.7	980.5	811.4
105°	1484.3	1473.3	1429.0	1384.7	1429.0	1473.3	1484.3	1315.4	1090.2	977.7	814.0
107.5°	1628.9	1631.5	1642.2	1652.9	1642.2	1631.5	1628.9	1393.3	1079.2	922.1	777.8
110°	1665.9	1677.5	1723.5	1769.6	1723.5	1677.5	1665.9	1402.6	1051.4	875.8	745.7



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1642.2	1659.9	1730.7	1801.6	1730.7	1659.9	1642.2	1372.7	1013.3	833.7	717.6
115°	1562.1	1586.6	1684.8	1783.0	1684.8	1586.6	1562.1	1302.5	956.3	783.2	685.4
117.5°	1451.5	1478.7	1587.5	1696.4	1587.5	1478.7	1451.5	1217.1	904.7	748.4	665.3
120°	1376.9	1403.4	1509.1	1614.9	1509.1	1403.4	1376.9	1162.7	877.3	734.6	658.6
122.5°	1302.3	1328.4	1432.7	1537.1	1432.7	1328.4	1302.3	1109.4	852.4	723.9	655.1
125°	1203.7	1227.7	1323.9	1420.0	1323.9	1227.7	1203.7	1039.9	821.5	712.3	652.1
127.5°	1124.5	1144.8	1225.9	1307.0	1225.9	1144.8	1124.5	983.8	796.3	702.6	650.4
130°	1074.5	1093.2	1168.1	1243.0	1168.1	1093.2	1074.5	949.3	782.4	698.9	651.5
132.5°	1031.9	1048.6	1115.7	1182.8	1115.7	1048.6	1031.9	919.8	770.3	695.6	652.1
135°	971.6	986.0	1043.9	1101.8	1043.9	986.0	971.6	877.8	752.6	690.0	651.5
137.5°	927.2	939.0	986.3	1033.7	986.3	939.0	927.2	847.8	742.0	689.1	655.5
140°	891.5	902.6	946.9	991.1	946.9	902.6	891.5	823.0	731.6	685.8	656.2
142.5°	866.5	876.1	914.1	952.2	914.1	876.1	866.5	806.3	726.0	685.8	658.5
145°	829.0	836.1	865.0	893.8	865.0	836.1	829.0	779.8	714.1	681.3	658.6
147.5°	797.5	803.5	827.3	851.2	827.3	803.5	797.5	758.8	707.1	681.3	663.0
150°	779.5	784.4	803.7	823.0	803.7	784.4	779.5	746.7	703.1	681.3	665.4
152.5°	765.1	768.8	783.4	798.0	783.4	768.8	765.1	737.1	699.9	681.3	666.9
155°	748.0	750.4	760.0	769.7	760.0	750.4	748.0	725.8	696.1	681.3	670.3
157.5°	733.2	734.8	741.6	748.4	741.6	734.8	733.2	715.8	692.8	681.3	673.8
160°	725.7	726.7	730.6	734.6	730.6	726.7	725.7	710.8	691.1	681.3	675.3
162.5°	718.8	719.7	723.4	727.1	723.4	719.7	718.8	706.3	689.6	681.3	677.0
165°	708.2	709.2	713.0	716.9	713.0	709.2	708.2	699.2	687.2	681.3	679.3
167.5°	703.5	703.9	705.6	707.2	705.6	703.9	703.5	697.6	689.7	685.8	684.3
170°	703.5	703.5	703.5	703.5	703.5	703.5	703.5	697.6	689.7	685.8	685.7
172.5°	699.8	699.4	698.0	696.5	698.0	699.4	699.8	695.1	688.9	685.8	685.8
175°	694.7	694.7	694.7	694.7	694.7	694.7	694.7	691.7	687.8	685.8	686.7
177.5°	693.8	693.4	691.7	690.0	691.7	693.4	693.8	691.5	688.4	686.8	687.5
180°	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0	690.0



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	1579.2	1579.2	1579.2	1579.2	1579.2
2.5°	1559.7	1567.2	1571.7	1577.7	1592.6
5°	1500.0	1528.4	1537.3	1559.7	1586.6
7.5°	1368.5	1455.2	1479.1	1532.8	1574.7
10°	1241.5	1328.2	1370.0	1497.0	1559.7
12.5°	1177.3	1228.1	1256.5	1434.2	1538.8
15°	1136.9	1172.8	1193.7	1350.6	1514.9
17.5°	1105.6	1131.0	1145.9	1268.4	1482.0
20°	1086.1	1098.1	1111.5	1208.6	1444.7
22.5°	1072.7	1065.2	1075.7	1166.8	1393.9
25°	1063.7	1035.3	1047.3	1133.9	1334.1
27.5°	1071.2	1008.4	1012.9	1104.1	1271.4
30°	1072.7	975.6	977.1	1072.7	1201.2
32.5°	1062.2	941.2	942.7	1033.8	1122.0
35°	1036.8	900.9	899.4	989.0	1014.4
37.5°	1002.5	857.6	857.6	939.7	896.4
40°	960.6	814.2	818.7	875.5	791.8
42.5°	909.8	767.9	773.9	790.3	714.1
45°	854.6	723.1	727.6	667.8	654.4
47.5°	793.3	676.8	678.3	554.3	635.0
50°	720.1	629.0	623.0	475.1	633.5
52.5°	655.9	576.7	558.8	430.3	575.2
55°	593.1	521.4	482.6	395.9	533.4
57.5°	537.8	449.7	412.3	355.6	524.4
60°	487.0	379.5	351.1	312.2	481.1
62.5°	445.2	327.2	321.2	282.4	436.2
65°	400.4	291.3	289.8	257.0	370.5
67.5°	357.1	267.4	265.9	233.1	282.4
70°	310.8	242.0	239.0	207.7	209.2
72.5°	262.9	213.6	210.7	186.8	173.3
75°	215.1	180.8	179.3	162.8	140.4
77.5°	168.8	143.4	146.4	131.5	103.1
80°	121.0	104.6	107.6	94.1	77.7
82.5°	80.7	68.7	71.7	59.8	52.3
85°	44.8	38.8	40.3	31.4	23.9
87.5°	20.9	17.9	17.9	12.0	7.5
90°	20.3	12.9	12.1	8.3	4.6
92.5°	125.6	89.3	81.5	50.0	18.5
95°	309.2	174.1	159.7	102.1	44.4
97.5°	416.5	191.2	178.5	127.7	76.9
100°	455.6	205.7	194.1	148.0	101.9
102.5°	473.5	220.0	209.3	166.2	123.2
105°	486.7	241.3	232.3	195.8	159.4
107.5°	489.2	272.8	264.3	230.4	196.4
110°	485.5	290.3	282.7	252.1	221.4



TEST NUMBER: P934787

CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-STD-W-6-2700K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	485.6	311.6	304.4	275.1	245.9
115°	490.1	343.6	336.8	310.0	283.0
117.5°	499.3	374.7	368.5	344.0	319.5
120°	506.7	392.7	386.9	363.9	340.8
122.5°	517.3	414.0	408.3	385.0	361.7
125°	531.7	441.3	436.0	414.8	393.6
127.5°	546.0	467.7	462.3	441.0	419.6
130°	556.6	485.4	479.6	456.6	433.5
132.5°	565.0	499.7	493.9	470.9	447.8
135°	574.3	516.4	511.1	490.1	469.1
137.5°	588.1	537.6	532.5	511.6	490.9
140°	596.7	552.1	547.3	528.1	509.0
142.5°	603.8	562.7	558.4	540.6	522.9
145°	613.0	578.9	575.0	559.7	544.2
147.5°	626.6	599.3	595.5	580.5	565.4
150°	633.8	610.0	606.6	592.9	579.4
152.5°	638.3	616.9	614.3	604.1	593.7
155°	648.5	632.2	630.3	622.6	615.0
157.5°	658.8	647.5	645.6	638.2	630.8
160°	663.3	654.4	653.0	647.2	641.4
162.5°	668.3	661.8	660.7	656.5	652.1
165°	675.4	672.5	671.5	667.6	663.6
167.5°	681.0	678.5	678.0	676.2	674.3
170°	685.5	685.4	684.9	683.2	681.3
172.5°	685.8	685.8	685.7	685.3	684.9
175°	688.6	690.0	690.0	690.0	690.0
177.5°	688.9	690.0	690.0	690.0	690.0
180°	690.0	690.0	690.0	690.0	690.0



TEST NUMBER: P934787  
 CATALOG NUMBER: SQ4-FA-075U-075D-B2750-1D-UNV-STD-W-6-2700K

**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	12.51	13.36	13.49	14.35	15.65	15.34	16.18	16.31	17.17	18.47
	3H	12.99	13.74	13.98	14.74	16.07	16.68	17.44	17.67	18.43	19.76
	4H	13.18	13.89	14.18	14.90	16.23	17.12	17.84	18.12	18.84	20.17
	6H	13.30	13.96	14.31	14.96	16.31	17.41	18.06	18.42	19.07	20.41
	8H	13.30	13.93	14.32	14.95	16.29	17.48	18.11	18.50	19.13	20.47
	12H	13.27	13.86	14.29	14.88	16.25	17.52	18.11	18.54	19.13	20.49
4H	2H	13.54	14.26	14.55	15.26	16.59	15.75	16.46	16.75	17.46	18.79
	3H	14.57	15.16	15.58	16.19	17.54	17.25	17.84	18.26	18.87	20.22
	4H	14.84	15.39	15.87	16.41	17.78	17.77	18.32	18.80	19.34	20.71
	6H	14.97	15.44	16.00	16.48	17.85	18.14	18.61	19.17	19.65	21.02
	8H	14.97	15.41	16.01	16.45	17.83	18.24	18.68	19.28	19.72	21.10
	12H	14.94	15.33	15.99	16.39	17.77	18.30	18.69	19.35	19.75	21.13
8H	4H	15.30	15.73	16.33	16.77	18.15	17.90	18.33	18.93	19.37	20.75
	6H	15.56	15.92	16.61	17.00	18.38	18.33	18.69	19.39	19.77	21.15
	8H	15.60	15.92	16.66	16.98	18.38	18.48	18.80	19.55	19.87	21.26
	12H	15.58	15.86	16.65	16.92	18.36	18.58	18.86	19.65	19.92	21.36
12H	4H	15.30	15.70	16.35	16.75	18.13	17.86	18.26	18.91	19.31	20.70
	6H	15.62	15.93	16.68	17.00	18.40	18.33	18.65	19.40	19.71	21.11
	8H	15.68	15.96	16.75	17.02	18.46	18.49	18.77	19.56	19.83	21.27