

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: P936134

Luminaire Tested: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P936134
REPORT IS A COMBINATION OF REPORTS P933782 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

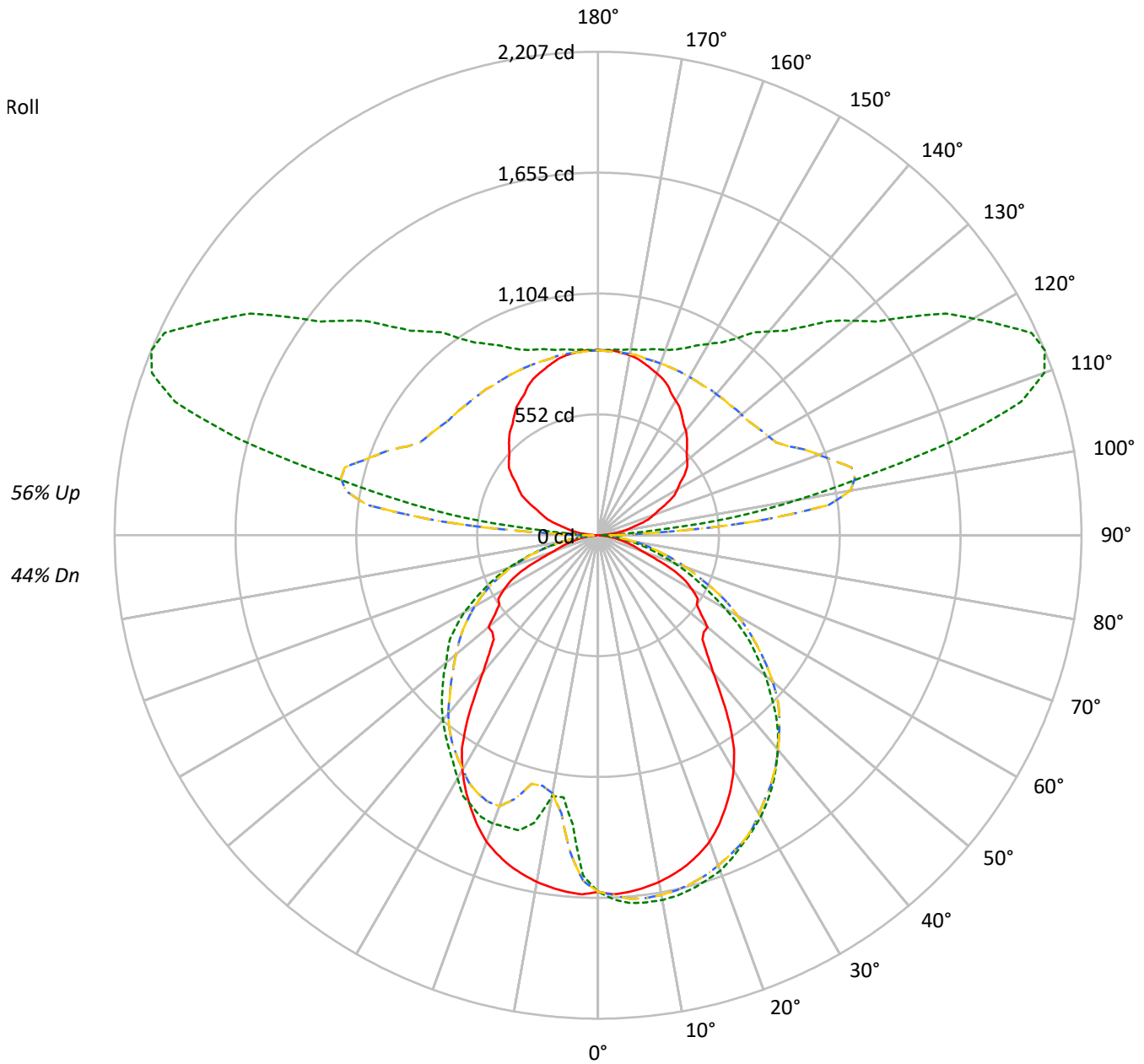
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 9702.2 lumens
Efficiency: N/A
Efficacy: 116.6 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: General Diffuse

Input Watts (W): 83.2
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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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	0
RCR																		
0	106	106	106	106	97	97	97	97	80	80	80	64	64	64	50	50	50	44
1	96	92	88	85	88	84	81	78	70	68	66	57	55	54	44	43	42	37
2	88	80	74	69	80	74	69	64	61	58	54	50	47	45	39	37	36	31
3	80	71	63	58	73	65	59	54	54	49	46	44	41	38	35	32	30	26
4	73	63	55	49	67	57	51	45	48	43	39	39	35	32	31	28	26	22
5	67	56	48	42	61	51	44	39	43	37	33	35	31	28	28	25	23	19
6	62	50	42	36	56	46	39	34	39	33	29	32	28	24	25	22	20	17
7	57	45	37	31	52	41	34	29	35	29	25	29	25	22	23	20	18	15
8	53	41	33	28	48	38	31	26	32	26	23	26	22	19	21	18	16	13
9	49	37	30	25	45	34	28	23	29	24	20	24	20	17	19	16	14	12
10	46	34	27	22	42	31	25	21	27	22	18	22	18	16	18	15	13	11

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15099	15099	15099	15099
5°	15194	15241	15194	11984
10°	15076	15014	15076	10734
15°	14895	14689	14895	12265
20°	14567	14304	14567	12290
25°	13912	13740	13912	12030
30°	13073	13274	13073	11458
35°	11637	12684	11637	10830
40°	9680	11989	9680	10355
45°	8632	11176	8632	9809
50°	9150	10206	9150	9261
55°	8585	9161	8585	8944
60°	8818	7781	8818	8193
65°	7956	6432	7956	7190
70°	5471	5125	5471	6025
75°	4745	3789	4745	4537
80°	3744	2504	3744	2726
85°	2045	1327	2045	1127

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13256 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	146.9	1.5
10°-20°	417.0	4.3
20°-30°	644.7	6.6
30°-40°	769.6	7.9
40°-50°	774.1	8.0
50°-60°	673.5	6.9
60°-70°	477.5	4.9
70°-80°	252.7	2.6
80°-90°	66.2	0.7
90°-100°	412.1	4.2
100°-110°	1083.4	11.2
110°-120°	1123.3	11.6
120°-130°	901.0	9.3
130°-140°	707.0	7.3
140°-150°	542.6	5.6
150°-160°	390.8	4.0
160°-170°	239.1	2.5
170°-180°	80.8	0.8
0°-30°	1208.6	12.5
0°-40°	1978.1	20.4
0°-60°	3425.8	35.3
0°-90°	4222.1	43.5
90°-120°	2618.8	27.0
90°-150°	4769.4	49.2
90°-180°	5480.0	56.5
0°-180°	9702.2	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	1627	1627	1627	1627	1627	
5°	1635	1686	1635	1325	1635	155
15°	1561	1670	1561	1395	1561	439
25°	1375	1558	1375	1364	1375	631
35°	1045	1390	1045	1187	1045	647
45°	674	1145	674	1005	674	540
55°	550	845	550	825	550	505
65°	382	510	382	570	382	365
75°	145	242	145	289	145	152
85°	25	62	25	52	25	33
90°	6	22	6	22	6	6
95°	54	249	54	249	54	60
105°	195	1696	195	1696	195	207
115°	347	2184	347	2184	347	342
125°	482	1740	482	1740	482	428
135°	575	1350	575	1350	575	445
145°	667	1095	667	1095	667	418
155°	754	943	754	943	754	346
165°	813	878	813	878	813	229
175°	845	851	845	851	845	80
180°	845	845	845	845	845	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2
2.5°	1641.0	1641.0	1650.3	1653.4	1653.4	1648.7	1644.1	1648.7	1662.5	1667.2	1665.6
5°	1634.8	1647.2	1664.1	1667.2	1670.3	1668.7	1665.6	1668.7	1684.1	1687.2	1688.7
7.5°	1622.5	1645.6	1667.2	1671.8	1676.4	1671.8	1670.3	1673.4	1688.7	1691.8	1691.8
10°	1607.1	1639.4	1664.1	1667.2	1671.8	1667.2	1667.2	1673.4	1688.7	1691.8	1693.4
12.5°	1585.6	1630.3	1653.4	1656.4	1662.5	1661.0	1659.5	1665.6	1681.0	1684.1	1684.1
15°	1560.9	1613.3	1634.8	1637.9	1648.7	1645.6	1645.6	1651.8	1668.7	1673.4	1671.8
17.5°	1527.1	1591.8	1616.3	1621.0	1628.7	1627.2	1628.7	1634.8	1650.3	1653.4	1654.8
20°	1488.6	1562.5	1591.8	1596.3	1604.1	1604.1	1604.1	1611.8	1627.2	1633.3	1633.3
22.5°	1436.2	1531.7	1562.5	1565.6	1574.8	1574.8	1577.9	1588.7	1602.5	1604.1	1604.1
25°	1374.6	1497.8	1524.0	1533.3	1542.5	1547.1	1551.7	1557.8	1562.5	1560.9	1562.5
27.5°	1310.1	1454.7	1488.6	1494.7	1507.1	1511.7	1517.8	1519.4	1520.9	1525.6	1522.5
30°	1237.7	1394.7	1445.5	1451.7	1471.7	1474.7	1468.6	1471.7	1479.3	1482.4	1485.5
32.5°	1156.1	1305.4	1400.8	1414.7	1433.2	1423.9	1422.4	1427.0	1439.3	1439.3	1442.4
35°	1045.3	1236.1	1359.3	1371.6	1385.5	1374.6	1380.8	1382.4	1390.1	1394.7	1393.2
37.5°	923.6	1176.1	1316.2	1325.4	1336.2	1322.3	1331.6	1336.2	1342.4	1339.3	1339.3
40°	815.9	1082.2	1265.4	1271.6	1280.8	1270.0	1279.2	1282.3	1285.4	1282.3	1280.8
42.5°	735.8	979.0	1211.5	1219.2	1213.0	1220.7	1223.8	1230.0	1225.4	1219.2	1219.2
45°	674.2	951.4	1153.0	1162.2	1153.0	1165.3	1170.0	1170.0	1156.1	1153.0	1151.5
47.5°	654.2	895.9	1094.5	1094.5	1089.9	1105.3	1112.9	1102.2	1088.4	1083.7	1083.7
50°	652.7	834.3	1014.4	1008.3	1029.9	1048.4	1040.6	1029.9	1019.1	1002.1	1002.1
52.5°	592.6	758.9	911.4	934.4	968.3	979.0	966.8	955.9	937.5	929.8	923.6
55°	549.6	680.4	817.4	863.6	899.0	912.8	889.8	879.0	851.3	846.7	843.6
57.5°	540.3	566.5	731.3	789.7	832.8	831.3	817.4	797.4	774.3	769.7	768.2
60°	495.7	409.5	638.8	708.2	752.7	748.2	735.8	717.3	695.8	692.7	689.7
62.5°	449.5	297.1	534.1	612.6	675.8	674.2	663.5	635.7	620.4	612.6	606.5
65°	381.8	249.4	380.2	509.6	600.4	603.5	580.3	560.3	543.4	534.1	532.6
67.5°	290.9	203.2	257.1	424.9	528.0	525.0	495.7	486.5	464.9	460.3	451.1
70°	215.5	135.4	178.6	344.8	457.2	449.5	426.4	415.6	395.6	384.9	378.7
72.5°	178.6	109.3	130.8	267.9	384.9	375.6	355.6	343.3	326.4	317.1	310.9
75°	144.7	115.4	100.1	198.6	312.5	306.4	287.9	275.5	261.7	249.4	250.9
77.5°	106.2	107.8	80.0	146.3	247.9	238.6	227.9	212.4	206.3	193.9	193.9
80°	80.0	84.7	60.0	100.1	178.6	178.6	169.4	158.5	147.8	141.6	141.6
82.5°	53.9	53.9	44.7	63.1	121.6	117.0	110.8	107.8	101.6	98.5	98.5
85°	24.7	30.7	27.7	38.5	66.2	69.3	69.3	66.2	64.7	61.6	63.1
87.5°	7.7	13.8	16.9	21.6	33.8	35.4	36.9	36.9	36.9	38.5	38.5
90°	5.6	10.2	14.7	15.9	25.0	37.1	43.1	38.3	28.7	21.6	21.6
92.5°	22.6	61.2	99.9	109.5	153.9	213.1	242.8	212.8	152.8	107.8	103.5
95°	54.5	125.1	195.7	213.3	378.8	599.5	709.8	633.4	480.6	365.9	352.9
97.5°	94.1	156.5	218.8	234.3	510.2	878.2	1062.1	1013.8	917.2	844.8	820.0
100°	124.8	181.3	237.8	251.9	558.1	966.3	1170.4	1174.0	1181.1	1186.3	1156.9
102.5°	150.9	203.7	256.3	269.5	580.1	994.1	1201.1	1262.6	1385.7	1478.0	1452.8
105°	195.2	239.9	284.4	295.6	596.3	997.1	1197.6	1335.5	1611.4	1818.4	1804.8
107.5°	240.6	282.2	323.8	334.2	599.4	952.8	1129.6	1322.0	1706.8	1995.4	1998.7
110°	271.2	308.7	346.4	355.8	594.8	913.5	1072.8	1288.0	1718.1	2040.8	2054.9



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	301.3	337.1	373.0	381.9	595.0	879.2	1021.2	1241.4	1681.6	2011.8	2033.5
115°	346.7	379.7	412.7	421.0	600.5	839.8	959.4	1171.4	1595.6	1913.7	1943.8
117.5°	391.5	421.5	451.5	459.0	611.6	815.1	916.8	1108.2	1491.0	1778.1	1811.5
120°	417.5	445.8	474.0	481.1	620.6	806.8	899.8	1074.6	1424.4	1686.7	1719.1
122.5°	443.1	471.6	500.1	507.2	633.7	802.5	886.8	1044.3	1359.2	1595.4	1627.3
125°	482.3	508.2	534.2	540.7	651.3	798.8	872.6	1006.3	1273.9	1474.5	1504.0
127.5°	514.0	540.2	566.4	573.0	668.9	796.8	860.7	975.6	1205.3	1377.6	1402.4
130°	531.0	559.2	587.4	594.5	681.8	798.0	856.2	958.4	1162.9	1316.2	1339.2
132.5°	548.6	576.9	605.1	612.2	692.1	798.8	852.1	943.7	1126.8	1264.0	1284.6
135°	574.7	600.5	626.1	632.6	703.5	798.0	845.3	922.0	1075.3	1190.3	1208.0
137.5°	601.4	626.8	652.3	658.7	720.5	803.0	844.2	909.0	1038.6	1135.9	1150.3
140°	623.6	647.0	670.5	676.3	731.0	803.8	840.2	896.2	1008.2	1092.1	1105.7
142.5°	640.6	662.2	683.9	689.3	739.6	806.7	840.2	889.4	987.8	1061.5	1073.2
145°	666.7	685.6	704.4	709.2	751.0	806.8	834.6	874.8	955.2	1015.5	1024.3
147.5°	692.7	711.2	729.5	734.2	767.6	812.3	834.6	866.2	929.5	977.0	984.2
150°	709.8	726.4	743.0	747.2	776.3	815.1	834.6	861.3	914.7	954.8	960.8
152.5°	727.3	740.0	752.5	755.7	782.0	817.0	834.6	857.4	903.1	937.3	941.7
155°	753.5	762.8	772.1	774.5	794.5	821.2	834.6	852.8	889.1	916.3	919.3
157.5°	772.7	781.8	790.8	793.1	806.9	825.4	834.6	848.7	876.9	898.1	900.2
160°	785.7	792.8	799.9	801.7	812.7	827.3	834.6	846.7	870.9	889.0	890.2
162.5°	798.8	804.1	809.4	810.8	818.7	829.3	834.6	844.8	865.2	880.5	881.6
165°	813.0	817.8	822.6	823.8	827.4	832.2	834.6	841.9	856.5	867.4	868.6
167.5°	826.0	828.3	830.6	831.1	834.1	838.2	840.2	845.1	854.6	861.8	862.3
170°	834.6	836.9	839.1	839.7	839.9	840.1	840.2	845.1	854.6	861.8	861.8
172.5°	839.1	839.6	840.1	840.2	840.2	840.2	840.2	844.1	851.6	857.2	856.8
175°	845.3	845.3	845.3	845.3	843.6	841.3	840.2	842.6	847.4	851.1	851.1
177.5°	845.3	845.3	845.3	845.3	844.1	842.3	841.4	843.3	847.1	849.9	849.3
180°	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2
2.5°	1668.7	1664.1	1668.7	1665.6	1667.2	1662.5	1648.7	1644.1	1648.7	1653.4	1653.4
5°	1688.7	1685.6	1688.7	1688.7	1687.2	1684.1	1668.7	1665.6	1668.7	1670.3	1667.2
7.5°	1694.8	1690.3	1694.8	1691.8	1691.8	1688.7	1673.4	1670.3	1671.8	1676.4	1671.8
10°	1694.8	1690.3	1694.8	1693.4	1691.8	1688.7	1673.4	1667.2	1667.2	1671.8	1667.2
12.5°	1687.2	1684.1	1687.2	1684.1	1684.1	1681.0	1665.6	1659.5	1661.0	1662.5	1656.4
15°	1674.8	1670.3	1674.8	1671.8	1673.4	1668.7	1651.8	1645.6	1645.6	1648.7	1637.9
17.5°	1656.4	1650.3	1656.4	1654.8	1653.4	1650.3	1634.8	1628.7	1627.2	1628.7	1621.0
20°	1634.8	1630.3	1634.8	1633.3	1633.3	1627.2	1611.8	1604.1	1604.1	1604.1	1596.3
22.5°	1601.0	1596.3	1601.0	1604.1	1604.1	1602.5	1588.7	1577.9	1574.8	1574.8	1565.6
25°	1562.5	1557.8	1562.5	1562.5	1560.9	1562.5	1557.8	1551.7	1547.1	1542.5	1533.3
27.5°	1525.6	1522.5	1525.6	1522.5	1525.6	1520.9	1519.4	1517.8	1511.7	1507.1	1494.7
30°	1488.6	1485.5	1488.6	1485.5	1482.4	1479.3	1471.7	1468.6	1474.7	1471.7	1451.7
32.5°	1442.4	1439.3	1442.4	1442.4	1439.3	1439.3	1427.0	1422.4	1423.9	1433.2	1414.7
35°	1394.7	1390.1	1394.7	1393.2	1394.7	1390.1	1382.4	1380.8	1374.6	1385.5	1371.6
37.5°	1339.3	1334.6	1339.3	1339.3	1339.3	1342.4	1336.2	1331.6	1322.3	1336.2	1325.4
40°	1282.3	1276.1	1282.3	1280.8	1282.3	1285.4	1282.3	1279.2	1270.0	1280.8	1271.6
42.5°	1217.6	1216.1	1217.6	1219.2	1219.2	1225.4	1230.0	1223.8	1220.7	1213.0	1219.2
45°	1148.4	1145.3	1148.4	1151.5	1153.0	1156.1	1170.0	1170.0	1165.3	1153.0	1162.2
47.5°	1074.5	1066.8	1074.5	1083.7	1083.7	1088.4	1102.2	1112.9	1105.3	1089.9	1094.5
50°	996.0	997.5	996.0	1002.1	1002.1	1019.1	1029.9	1040.6	1048.4	1029.9	1008.3
52.5°	919.0	917.5	919.0	923.6	929.8	937.5	955.9	966.8	979.0	968.3	934.4
55°	842.1	845.1	842.1	843.6	846.7	851.3	879.0	889.8	912.8	899.0	863.6
57.5°	765.1	760.5	765.1	768.2	769.7	774.3	797.4	817.4	831.3	832.8	789.7
60°	675.8	669.7	675.8	689.7	692.7	695.8	717.3	735.8	748.2	752.7	708.2
62.5°	597.3	586.5	597.3	606.5	612.6	620.4	635.7	663.5	674.2	675.8	612.6
65°	514.1	509.6	514.1	532.6	534.1	543.4	560.3	580.3	603.5	600.4	509.6
67.5°	438.7	438.7	438.7	451.1	460.3	464.9	486.5	495.7	525.0	528.0	424.9
70°	369.5	367.9	369.5	378.7	384.9	395.6	415.6	426.4	449.5	457.2	344.8
72.5°	303.3	301.7	303.3	310.9	317.1	326.4	343.3	355.6	375.6	384.9	267.9
75°	244.8	241.7	244.8	250.9	249.4	261.7	275.5	287.9	306.4	312.5	198.6
77.5°	187.8	187.8	187.8	193.9	193.9	206.3	212.4	227.9	238.6	247.9	146.3
80°	140.1	138.5	140.1	141.6	141.6	147.8	158.5	169.4	178.6	178.6	100.1
82.5°	98.5	95.4	98.5	98.5	98.5	101.6	107.8	110.8	117.0	121.6	63.1
85°	61.6	61.6	61.6	63.1	61.6	64.7	66.2	69.3	69.3	66.2	38.5
87.5°	40.0	38.5	40.0	38.5	38.5	36.9	36.9	36.9	35.4	33.8	21.6
90°	21.6	21.6	21.6	21.6	21.6	28.7	38.3	43.1	37.1	25.0	15.9
92.5°	86.3	69.2	86.3	103.5	107.8	152.8	212.8	242.8	213.1	153.9	109.5
95°	301.0	249.1	301.0	352.9	365.9	480.6	633.4	709.8	599.5	378.8	213.3
97.5°	721.3	622.4	721.3	820.0	844.8	917.2	1013.8	1062.1	878.2	510.2	234.3
100°	1039.2	921.4	1039.2	1156.9	1186.3	1181.1	1174.0	1170.4	966.3	558.1	251.9
102.5°	1351.9	1251.0	1351.9	1452.8	1478.0	1385.7	1262.6	1201.1	994.1	580.1	269.5
105°	1750.6	1696.4	1750.6	1804.8	1818.4	1611.4	1335.5	1197.6	997.1	596.3	295.6
107.5°	2011.8	2024.9	2011.8	1998.7	1995.4	1706.8	1322.0	1129.6	952.8	599.4	334.2
110°	2111.4	2167.8	2111.4	2054.9	2040.8	1718.1	1288.0	1072.8	913.5	594.8	355.8



TEST NUMBER: P936134

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2120.3	2207.0	2120.3	2033.5	2011.8	1681.6	1241.4	1021.2	879.2	595.0	381.9
115°	2064.1	2184.3	2064.1	1943.8	1913.7	1595.6	1171.4	959.4	839.8	600.5	421.0
117.5°	1944.8	2078.2	1944.8	1811.5	1778.1	1491.0	1108.2	916.8	815.1	611.6	459.0
120°	1848.7	1978.4	1848.7	1719.1	1686.7	1424.4	1074.6	899.8	806.8	620.6	481.1
122.5°	1755.2	1883.0	1755.2	1627.3	1595.4	1359.2	1044.3	886.8	802.5	633.7	507.2
125°	1621.7	1739.5	1621.7	1504.0	1474.5	1273.9	1006.3	872.6	798.8	651.3	540.7
127.5°	1501.7	1601.1	1501.7	1402.4	1377.6	1205.3	975.6	860.7	796.8	668.9	573.0
130°	1430.9	1522.7	1430.9	1339.2	1316.2	1162.9	958.4	856.2	798.0	681.8	594.5
132.5°	1366.7	1449.0	1366.7	1284.6	1264.0	1126.8	943.7	852.1	798.8	692.1	612.2
135°	1278.9	1349.7	1278.9	1208.0	1190.3	1075.3	922.0	845.3	798.0	703.5	632.6
137.5°	1208.4	1266.3	1208.4	1150.3	1135.9	1038.6	909.0	844.2	803.0	720.5	658.7
140°	1159.9	1214.1	1159.9	1105.7	1092.1	1008.2	896.2	840.2	803.8	731.0	676.3
142.5°	1119.9	1166.4	1119.9	1073.2	1061.5	987.8	889.4	840.2	806.7	739.6	689.3
145°	1059.7	1095.0	1059.7	1024.3	1015.5	955.2	874.8	834.6	806.8	751.0	709.2
147.5°	1013.5	1042.8	1013.5	984.2	977.0	929.5	866.2	834.6	812.3	767.6	734.2
150°	984.5	1008.2	984.5	960.8	954.8	914.7	861.3	834.6	815.1	776.3	747.2
152.5°	959.7	977.5	959.7	941.7	937.3	903.1	857.4	834.6	817.0	782.0	755.7
155°	931.1	942.9	931.1	919.3	916.3	889.1	852.8	834.6	821.2	794.5	774.5
157.5°	908.5	916.8	908.5	900.2	898.1	876.9	848.7	834.6	825.4	806.9	793.1
160°	895.0	899.8	895.0	890.2	889.0	870.9	846.7	834.6	827.3	812.7	801.7
162.5°	886.2	890.7	886.2	881.6	880.5	865.2	844.8	834.6	829.3	818.7	810.8
165°	873.4	878.3	873.4	868.6	867.4	856.5	841.9	834.6	832.2	827.4	823.8
167.5°	864.3	866.3	864.3	862.3	861.8	854.6	845.1	840.2	838.2	834.1	831.1
170°	861.8	861.8	861.8	861.8	861.8	854.6	845.1	840.2	840.1	839.9	839.7
172.5°	855.1	853.3	855.1	856.8	857.2	851.6	844.1	840.2	840.2	840.2	840.2
175°	851.1	851.1	851.1	851.1	851.1	847.4	842.6	840.2	841.3	843.6	845.3
177.5°	847.3	845.3	847.3	849.3	849.9	847.1	843.3	841.4	842.3	844.1	845.3
180°	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3



TEST NUMBER: P936134

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2
2.5°	1650.3	1641.0	1641.0	1625.6	1619.4	1614.8	1607.1	1584.0	1577.9	1571.8	1580.9
5°	1664.1	1647.2	1634.8	1607.1	1584.0	1574.8	1545.6	1490.2	1453.2	1425.5	1410.1
7.5°	1667.2	1645.6	1622.5	1579.4	1524.0	1499.4	1410.1	1308.5	1280.8	1256.1	1240.7
10°	1664.1	1639.4	1607.1	1542.5	1411.7	1368.5	1279.2	1213.0	1196.1	1191.5	1196.1
12.5°	1653.4	1630.3	1585.6	1477.8	1294.6	1265.4	1213.0	1174.5	1171.5	1179.2	1220.7
15°	1634.8	1613.3	1560.9	1391.7	1230.0	1208.5	1171.5	1157.6	1174.5	1228.5	1353.2
17.5°	1616.3	1591.8	1527.1	1307.0	1180.7	1165.3	1139.1	1166.9	1262.3	1334.6	1376.2
20°	1591.8	1562.5	1488.6	1245.4	1145.3	1131.5	1119.1	1243.8	1316.2	1342.4	1365.5
22.5°	1562.5	1531.7	1436.2	1202.3	1108.4	1097.6	1105.3	1287.0	1316.2	1334.6	1354.6
25°	1524.0	1497.8	1374.6	1168.4	1079.1	1066.8	1096.0	1282.3	1299.2	1303.9	1343.9
27.5°	1488.6	1454.7	1310.1	1137.6	1043.7	1039.1	1103.8	1262.3	1274.6	1279.2	1322.3
30°	1445.5	1394.7	1237.7	1105.3	1006.8	1005.2	1105.3	1237.7	1234.6	1246.9	1290.0
32.5°	1400.8	1305.4	1156.1	1065.3	971.4	969.9	1094.5	1200.7	1197.6	1214.5	1246.9
35°	1359.3	1236.1	1045.3	1019.1	926.7	928.3	1068.4	1157.6	1159.2	1174.5	1194.5
37.5°	1316.2	1176.1	923.6	968.3	883.6	883.6	1032.9	1117.6	1114.5	1119.1	1146.9
40°	1265.4	1082.2	815.9	902.1	843.6	839.0	989.9	1074.5	1063.7	1062.2	1100.7
42.5°	1211.5	979.0	735.8	814.3	797.4	791.3	937.5	1022.2	1002.1	1006.8	1056.0
45°	1153.0	951.4	674.2	688.1	749.7	745.1	880.5	962.1	948.3	960.6	1011.4
47.5°	1094.5	895.9	654.2	571.2	698.9	697.3	817.4	903.6	895.9	908.3	962.1
50°	1014.4	834.3	652.7	489.6	641.9	648.1	742.0	846.7	846.7	857.4	914.4
52.5°	911.4	758.9	592.6	443.4	575.7	594.2	675.8	797.4	800.5	811.3	862.1
55°	817.4	680.4	549.6	408.0	497.2	537.2	611.2	746.6	752.7	763.5	809.8
57.5°	731.3	566.5	540.3	366.4	424.9	463.4	554.2	697.3	700.4	709.7	754.3
60°	638.8	409.5	495.7	321.7	361.8	391.0	501.8	638.8	649.7	655.8	694.2
62.5°	534.1	297.1	449.5	290.9	330.9	337.1	458.7	583.4	597.3	601.9	625.0
65°	380.2	249.4	381.8	264.8	298.6	300.2	412.5	526.5	538.8	546.5	563.4
67.5°	257.1	203.2	290.9	240.1	274.0	275.5	367.9	460.3	477.2	483.4	494.1
70°	178.6	135.4	215.5	213.9	246.3	249.4	320.2	400.2	415.6	420.3	426.4
72.5°	130.8	109.3	178.6	192.4	217.0	220.1	270.9	332.5	347.9	352.5	355.6
75°	100.1	115.4	144.7	167.8	184.7	186.3	221.7	270.9	281.7	284.8	286.4
77.5°	80.0	107.8	106.2	135.4	150.8	147.8	173.9	209.4	218.6	218.6	218.6
80°	60.0	84.7	80.0	97.0	110.8	107.8	124.7	149.4	152.4	155.5	153.9
82.5°	44.7	53.9	53.9	61.6	73.9	70.8	83.1	97.0	97.0	97.0	100.1
85°	27.7	30.7	24.7	32.3	41.6	40.0	46.2	52.3	53.9	53.9	50.8
87.5°	16.9	13.8	7.7	12.3	18.5	18.5	21.6	23.1	21.6	21.6	21.6
90°	14.7	10.2	5.6	10.2	14.7	15.9	25.0	37.1	43.1	38.3	28.7
92.5°	99.9	61.2	22.6	61.2	99.9	109.5	153.9	213.1	242.8	212.8	152.8
95°	195.7	125.1	54.5	125.1	195.7	213.3	378.8	599.5	709.8	633.4	480.6
97.5°	218.8	156.5	94.1	156.5	218.8	234.3	510.2	878.2	1062.1	1013.8	917.2
100°	237.8	181.3	124.8	181.3	237.8	251.9	558.1	966.3	1170.4	1174.0	1181.1
102.5°	256.3	203.7	150.9	203.7	256.3	269.5	580.1	994.1	1201.1	1262.6	1385.7
105°	284.4	239.9	195.2	239.9	284.4	295.6	596.3	997.1	1197.6	1335.5	1611.4
107.5°	323.8	282.2	240.6	282.2	323.8	334.2	599.4	952.8	1129.6	1322.0	1706.8
110°	346.4	308.7	271.2	308.7	346.4	355.8	594.8	913.5	1072.8	1288.0	1718.1



TEST NUMBER: P936134

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	373.0	337.1	301.3	337.1	373.0	381.9	595.0	879.2	1021.2	1241.4	1681.6
115°	412.7	379.7	346.7	379.7	412.7	421.0	600.5	839.8	959.4	1171.4	1595.6
117.5°	451.5	421.5	391.5	421.5	451.5	459.0	611.6	815.1	916.8	1108.2	1491.0
120°	474.0	445.8	417.5	445.8	474.0	481.1	620.6	806.8	899.8	1074.6	1424.4
122.5°	500.1	471.6	443.1	471.6	500.1	507.2	633.7	802.5	886.8	1044.3	1359.2
125°	534.2	508.2	482.3	508.2	534.2	540.7	651.3	798.8	872.6	1006.3	1273.9
127.5°	566.4	540.2	514.0	540.2	566.4	573.0	668.9	796.8	860.7	975.6	1205.3
130°	587.4	559.2	531.0	559.2	587.4	594.5	681.8	798.0	856.2	958.4	1162.9
132.5°	605.1	576.9	548.6	576.9	605.1	612.2	692.1	798.8	852.1	943.7	1126.8
135°	626.1	600.5	574.7	600.5	626.1	632.6	703.5	798.0	845.3	922.0	1075.3
137.5°	652.3	626.8	601.4	626.8	652.3	658.7	720.5	803.0	844.2	909.0	1038.6
140°	670.5	647.0	623.6	647.0	670.5	676.3	731.0	803.8	840.2	896.2	1008.2
142.5°	683.9	662.2	640.6	662.2	683.9	689.3	739.6	806.7	840.2	889.4	987.8
145°	704.4	685.6	666.7	685.6	704.4	709.2	751.0	806.8	834.6	874.8	955.2
147.5°	729.5	711.2	692.7	711.2	729.5	734.2	767.6	812.3	834.6	866.2	929.5
150°	743.0	726.4	709.8	726.4	743.0	747.2	776.3	815.1	834.6	861.3	914.7
152.5°	752.5	740.0	727.3	740.0	752.5	755.7	782.0	817.0	834.6	857.4	903.1
155°	772.1	762.8	753.5	762.8	772.1	774.5	794.5	821.2	834.6	852.8	889.1
157.5°	790.8	781.8	772.7	781.8	790.8	793.1	806.9	825.4	834.6	848.7	876.9
160°	799.9	792.8	785.7	792.8	799.9	801.7	812.7	827.3	834.6	846.7	870.9
162.5°	809.4	804.1	798.8	804.1	809.4	810.8	818.7	829.3	834.6	844.8	865.2
165°	822.6	817.8	813.0	817.8	822.6	823.8	827.4	832.2	834.6	841.9	856.5
167.5°	830.6	828.3	826.0	828.3	830.6	831.1	834.1	838.2	840.2	845.1	854.6
170°	839.1	836.9	834.6	836.9	839.1	839.7	839.9	840.1	840.2	845.1	854.6
172.5°	840.1	839.6	839.1	839.6	840.1	840.2	840.2	840.2	840.2	844.1	851.6
175°	845.3	845.3	845.3	845.3	845.3	845.3	843.6	841.3	840.2	842.6	847.4
177.5°	845.3	845.3	845.3	845.3	845.3	845.3	844.1	842.3	841.4	843.3	847.1
180°	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3



TEST NUMBER: P936134

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2	1627.2
2.5°	1570.2	1565.6	1571.8	1554.8	1571.8	1565.6	1570.2	1580.9	1571.8	1577.9	1584.0
5°	1377.7	1370.1	1345.4	1325.4	1345.4	1370.1	1377.7	1410.1	1425.5	1453.2	1490.2
7.5°	1231.6	1225.4	1219.2	1206.9	1219.2	1225.4	1231.6	1240.7	1256.1	1280.8	1308.5
10°	1199.2	1200.7	1210.0	1208.5	1210.0	1200.7	1199.2	1196.1	1191.5	1196.1	1213.0
12.5°	1282.3	1296.1	1347.0	1343.9	1347.0	1296.1	1282.3	1220.7	1179.2	1171.5	1174.5
15°	1377.7	1382.4	1393.2	1394.7	1393.2	1382.4	1377.7	1353.2	1228.5	1174.5	1157.6
17.5°	1387.0	1388.6	1396.2	1396.2	1396.2	1388.6	1387.0	1376.2	1334.6	1262.3	1166.9
20°	1379.3	1382.4	1397.7	1400.8	1397.7	1382.4	1379.3	1365.5	1342.4	1316.2	1243.8
22.5°	1376.2	1382.4	1394.7	1393.2	1394.7	1382.4	1376.2	1354.6	1334.6	1316.2	1287.0
25°	1360.8	1360.8	1362.4	1363.9	1362.4	1360.8	1360.8	1343.9	1303.9	1299.2	1282.3
27.5°	1328.5	1331.6	1340.8	1339.3	1340.8	1331.6	1328.5	1322.3	1279.2	1274.6	1262.3
30°	1299.2	1296.1	1288.5	1282.3	1288.5	1296.1	1299.2	1290.0	1246.9	1234.6	1237.7
32.5°	1250.0	1242.3	1234.6	1230.0	1234.6	1242.3	1250.0	1246.9	1214.5	1197.6	1200.7
35°	1191.5	1193.0	1191.5	1186.9	1191.5	1193.0	1191.5	1194.5	1174.5	1159.2	1157.6
37.5°	1150.0	1153.0	1151.5	1145.3	1151.5	1153.0	1150.0	1146.9	1119.1	1114.5	1117.6
40°	1106.8	1108.4	1106.8	1102.2	1106.8	1108.4	1106.8	1100.7	1062.2	1063.7	1074.5
42.5°	1065.3	1063.7	1059.1	1056.0	1059.1	1063.7	1065.3	1056.0	1006.8	1002.1	1022.2
45°	1017.5	1019.1	1009.9	1005.2	1009.9	1019.1	1017.5	1011.4	960.6	948.3	962.1
47.5°	969.9	969.9	962.1	957.5	962.1	969.9	969.9	962.1	908.3	895.9	903.6
50°	919.0	917.5	906.7	905.2	906.7	917.5	919.0	914.4	857.4	846.7	846.7
52.5°	860.5	860.5	862.1	865.2	862.1	860.5	860.5	862.1	811.3	800.5	797.4
55°	809.8	811.3	822.0	825.1	822.0	811.3	809.8	809.8	763.5	752.7	746.6
57.5°	757.4	757.4	765.1	765.1	765.1	757.4	757.4	754.3	709.7	700.4	697.3
60°	697.3	700.4	706.6	705.1	706.6	700.4	697.3	694.2	655.8	649.7	638.8
62.5°	634.2	637.3	638.8	635.7	638.8	637.3	634.2	625.0	601.9	597.3	583.4
65°	568.1	571.2	572.6	569.6	572.6	571.2	568.1	563.4	546.5	538.8	526.5
67.5°	500.3	498.8	497.2	503.4	497.2	498.8	500.3	494.1	483.4	477.2	460.3
70°	431.0	431.0	429.5	432.5	429.5	431.0	431.0	426.4	420.3	415.6	400.2
72.5°	357.1	355.6	361.8	357.1	361.8	355.6	357.1	355.6	352.5	347.9	332.5
75°	284.8	287.9	284.8	289.4	284.8	287.9	284.8	286.4	284.8	281.7	270.9
77.5°	217.0	220.1	217.0	217.0	217.0	220.1	217.0	218.6	218.6	218.6	209.4
80°	153.9	152.4	152.4	150.8	152.4	152.4	153.9	153.9	155.5	152.4	149.4
82.5°	98.5	97.0	97.0	100.1	97.0	97.0	98.5	100.1	97.0	97.0	97.0
85°	53.9	55.4	52.3	52.3	52.3	55.4	53.9	50.8	53.9	53.9	52.3
87.5°	20.0	18.5	18.5	18.5	18.5	18.5	20.0	21.6	21.6	21.6	23.1
90°	21.6	21.6	21.6	21.6	21.6	21.6	21.6	28.7	38.3	43.1	37.1
92.5°	107.8	103.5	86.3	69.2	86.3	103.5	107.8	152.8	212.8	242.8	213.1
95°	365.9	352.9	301.0	249.1	301.0	352.9	365.9	480.6	633.4	709.8	599.5
97.5°	844.8	820.0	721.3	622.4	721.3	820.0	844.8	917.2	1013.8	1062.1	878.2
100°	1186.3	1156.9	1039.2	921.4	1039.2	1156.9	1186.3	1181.1	1174.0	1170.4	966.3
102.5°	1478.0	1452.8	1351.9	1251.0	1351.9	1452.8	1478.0	1385.7	1262.6	1201.1	994.1
105°	1818.4	1804.8	1750.6	1696.4	1750.6	1804.8	1818.4	1611.4	1335.5	1197.6	997.1
107.5°	1995.4	1998.7	2011.8	2024.9	2011.8	1998.7	1995.4	1706.8	1322.0	1129.6	952.8
110°	2040.8	2054.9	2111.4	2167.8	2111.4	2054.9	2040.8	1718.1	1288.0	1072.8	913.5



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2011.8	2033.5	2120.3	2207.0	2120.3	2033.5	2011.8	1681.6	1241.4	1021.2	879.2
115°	1913.7	1943.8	2064.1	2184.3	2064.1	1943.8	1913.7	1595.6	1171.4	959.4	839.8
117.5°	1778.1	1811.5	1944.8	2078.2	1944.8	1811.5	1778.1	1491.0	1108.2	916.8	815.1
120°	1686.7	1719.1	1848.7	1978.4	1848.7	1719.1	1686.7	1424.4	1074.6	899.8	806.8
122.5°	1595.4	1627.3	1755.2	1883.0	1755.2	1627.3	1595.4	1359.2	1044.3	886.8	802.5
125°	1474.5	1504.0	1621.7	1739.5	1621.7	1504.0	1474.5	1273.9	1006.3	872.6	798.8
127.5°	1377.6	1402.4	1501.7	1601.1	1501.7	1402.4	1377.6	1205.3	975.6	860.7	796.8
130°	1316.2	1339.2	1430.9	1522.7	1430.9	1339.2	1316.2	1162.9	958.4	856.2	798.0
132.5°	1264.0	1284.6	1366.7	1449.0	1366.7	1284.6	1264.0	1126.8	943.7	852.1	798.8
135°	1190.3	1208.0	1278.9	1349.7	1278.9	1208.0	1190.3	1075.3	922.0	845.3	798.0
137.5°	1135.9	1150.3	1208.4	1266.3	1208.4	1150.3	1135.9	1038.6	909.0	844.2	803.0
140°	1092.1	1105.7	1159.9	1214.1	1159.9	1105.7	1092.1	1008.2	896.2	840.2	803.8
142.5°	1061.5	1073.2	1119.9	1166.4	1119.9	1073.2	1061.5	987.8	889.4	840.2	806.7
145°	1015.5	1024.3	1059.7	1095.0	1059.7	1024.3	1015.5	955.2	874.8	834.6	806.8
147.5°	977.0	984.2	1013.5	1042.8	1013.5	984.2	977.0	929.5	866.2	834.6	812.3
150°	954.8	960.8	984.5	1008.2	984.5	960.8	954.8	914.7	861.3	834.6	815.1
152.5°	937.3	941.7	959.7	977.5	959.7	941.7	937.3	903.1	857.4	834.6	817.0
155°	916.3	919.3	931.1	942.9	931.1	919.3	916.3	889.1	852.8	834.6	821.2
157.5°	898.1	900.2	908.5	916.8	908.5	900.2	898.1	876.9	848.7	834.6	825.4
160°	889.0	890.2	895.0	899.8	895.0	890.2	889.0	870.9	846.7	834.6	827.3
162.5°	880.5	881.6	886.2	890.7	886.2	881.6	880.5	865.2	844.8	834.6	829.3
165°	867.4	868.6	873.4	878.3	873.4	868.6	867.4	856.5	841.9	834.6	832.2
167.5°	861.8	862.3	864.3	866.3	864.3	862.3	861.8	854.6	845.1	840.2	838.2
170°	861.8	861.8	861.8	861.8	861.8	861.8	861.8	854.6	845.1	840.2	840.1
172.5°	857.2	856.8	855.1	853.3	855.1	856.8	857.2	851.6	844.1	840.2	840.2
175°	851.1	851.1	851.1	851.1	851.1	851.1	851.1	847.4	842.6	840.2	841.3
177.5°	849.9	849.3	847.3	845.3	847.3	849.3	849.9	847.1	843.3	841.4	842.3
180°	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3	845.3



TEST NUMBER: P936134

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	1627.2	1627.2	1627.2	1627.2	1627.2
2.5°	1607.1	1614.8	1619.4	1625.6	1641.0
5°	1545.6	1574.8	1584.0	1607.1	1634.8
7.5°	1410.1	1499.4	1524.0	1579.4	1622.5
10°	1279.2	1368.5	1411.7	1542.5	1607.1
12.5°	1213.0	1265.4	1294.6	1477.8	1585.6
15°	1171.5	1208.5	1230.0	1391.7	1560.9
17.5°	1139.1	1165.3	1180.7	1307.0	1527.1
20°	1119.1	1131.5	1145.3	1245.4	1488.6
22.5°	1105.3	1097.6	1108.4	1202.3	1436.2
25°	1096.0	1066.8	1079.1	1168.4	1374.6
27.5°	1103.8	1039.1	1043.7	1137.6	1310.1
30°	1105.3	1005.2	1006.8	1105.3	1237.7
32.5°	1094.5	969.9	971.4	1065.3	1156.1
35°	1068.4	928.3	926.7	1019.1	1045.3
37.5°	1032.9	883.6	883.6	968.3	923.6
40°	989.9	839.0	843.6	902.1	815.9
42.5°	937.5	791.3	797.4	814.3	735.8
45°	880.5	745.1	749.7	688.1	674.2
47.5°	817.4	697.3	698.9	571.2	654.2
50°	742.0	648.1	641.9	489.6	652.7
52.5°	675.8	594.2	575.7	443.4	592.6
55°	611.2	537.2	497.2	408.0	549.6
57.5°	554.2	463.4	424.9	366.4	540.3
60°	501.8	391.0	361.8	321.7	495.7
62.5°	458.7	337.1	330.9	290.9	449.5
65°	412.5	300.2	298.6	264.8	381.8
67.5°	367.9	275.5	274.0	240.1	290.9
70°	320.2	249.4	246.3	213.9	215.5
72.5°	270.9	220.1	217.0	192.4	178.6
75°	221.7	186.3	184.7	167.8	144.7
77.5°	173.9	147.8	150.8	135.4	106.2
80°	124.7	107.8	110.8	97.0	80.0
82.5°	83.1	70.8	73.9	61.6	53.9
85°	46.2	40.0	41.6	32.3	24.7
87.5°	21.6	18.5	18.5	12.3	7.7
90°	25.0	15.9	14.7	10.2	5.6
92.5°	153.9	109.5	99.9	61.2	22.6
95°	378.8	213.3	195.7	125.1	54.5
97.5°	510.2	234.3	218.8	156.5	94.1
100°	558.1	251.9	237.8	181.3	124.8
102.5°	580.1	269.5	256.3	203.7	150.9
105°	596.3	295.6	284.4	239.9	195.2
107.5°	599.4	334.2	323.8	282.2	240.6
110°	594.8	355.8	346.4	308.7	271.2



TEST NUMBER: P936134

CATALOG NUMBER: SQ4-FA-150U-125D-92765-1D-UNV-STD-W-4-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	595.0	381.9	373.0	337.1	301.3
115°	600.5	421.0	412.7	379.7	346.7
117.5°	611.6	459.0	451.5	421.5	391.5
120°	620.6	481.1	474.0	445.8	417.5
122.5°	633.7	507.2	500.1	471.6	443.1
125°	651.3	540.7	534.2	508.2	482.3
127.5°	668.9	573.0	566.4	540.2	514.0
130°	681.8	594.5	587.4	559.2	531.0
132.5°	692.1	612.2	605.1	576.9	548.6
135°	703.5	632.6	626.1	600.5	574.7
137.5°	720.5	658.7	652.3	626.8	601.4
140°	731.0	676.3	670.5	647.0	623.6
142.5°	739.6	689.3	683.9	662.2	640.6
145°	751.0	709.2	704.4	685.6	666.7
147.5°	767.6	734.2	729.5	711.2	692.7
150°	776.3	747.2	743.0	726.4	709.8
152.5°	782.0	755.7	752.5	740.0	727.3
155°	794.5	774.5	772.1	762.8	753.5
157.5°	806.9	793.1	790.8	781.8	772.7
160°	812.7	801.7	799.9	792.8	785.7
162.5°	818.7	810.8	809.4	804.1	798.8
165°	827.4	823.8	822.6	817.8	813.0
167.5°	834.1	831.1	830.6	828.3	826.0
170°	839.9	839.7	839.1	836.9	834.6
172.5°	840.2	840.2	840.1	839.6	839.1
175°	843.6	845.3	845.3	845.3	845.3
177.5°	844.1	845.3	845.3	845.3	845.3
180°	845.3	845.3	845.3	845.3	845.3



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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	13.59	14.40	14.61	15.42	16.78	16.39	17.20	17.40	18.22	19.58
	3H	14.07	14.79	15.09	15.82	17.20	17.72	18.45	18.74	19.47	20.86
	4H	14.26	14.94	15.29	15.97	17.36	18.16	18.84	19.19	19.87	21.26
	6H	14.37	15.00	15.42	16.04	17.44	18.43	19.06	19.48	20.10	21.50
	8H	14.37	14.97	15.42	16.02	17.42	18.50	19.10	19.55	20.15	21.55
	12H	14.34	14.91	15.40	15.96	17.38	18.53	19.10	19.59	20.15	21.57
4H	2H	14.61	15.30	15.65	16.33	17.72	16.80	17.48	17.84	18.51	19.90
	3H	15.63	16.20	16.68	17.26	18.67	18.29	18.86	19.34	19.92	21.32
	4H	15.91	16.43	16.96	17.48	18.91	18.81	19.33	19.86	20.38	21.80
	6H	16.03	16.48	17.10	17.55	18.97	19.16	19.61	20.22	20.68	22.10
	8H	16.04	16.45	17.10	17.52	18.96	19.26	19.68	20.33	20.75	22.18
	12H	16.00	16.38	17.08	17.46	18.90	19.31	19.69	20.39	20.77	22.21
8H	4H	16.35	16.77	17.42	17.84	19.27	18.93	19.35	19.99	20.41	21.85
	6H	16.61	16.96	17.70	18.07	19.50	19.35	19.70	20.44	20.81	22.24
	8H	16.65	16.96	17.75	18.05	19.50	19.50	19.80	20.60	20.90	22.35
	12H	16.64	16.90	17.73	17.99	19.48	19.59	19.86	20.69	20.94	22.44
12H	4H	16.35	16.73	17.44	17.81	19.25	18.89	19.27	19.97	20.35	21.79
	6H	16.67	16.97	17.77	18.07	19.52	19.35	19.65	20.45	20.75	22.20
	8H	16.73	17.00	17.83	18.09	19.58	19.50	19.77	20.60	20.86	22.35