

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: P934466

Luminaire Tested: SQ4-FA-050U-100D-93050-1D-UNV-STD-W-8-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934466
REPORT IS A COMBINATION OF REPORTS P933700 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-100D-93050-1D-UNV-STD-W-8-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

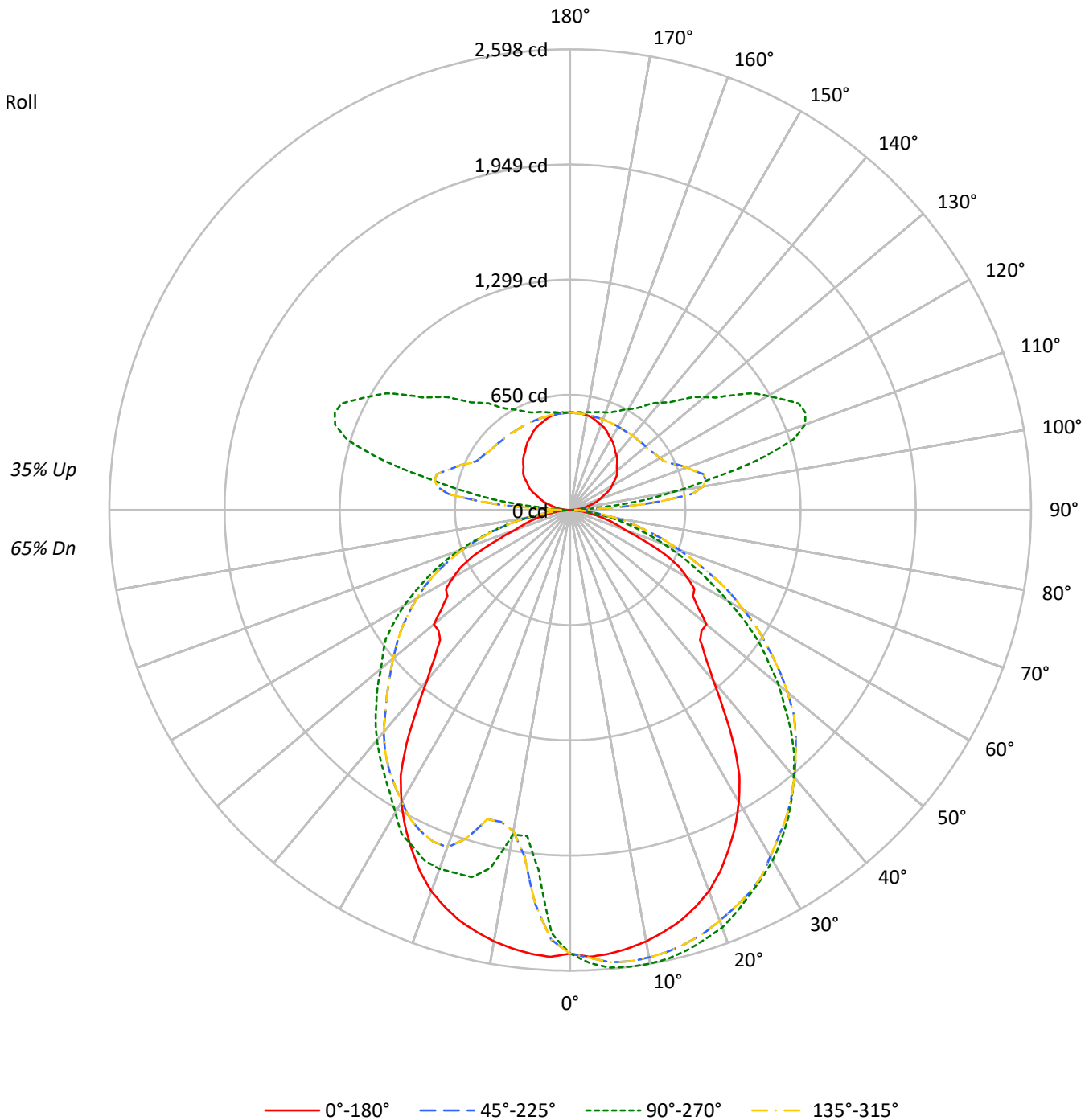
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 10050.8 lumens
Efficiency: N/A
Efficacy: 111.2 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 90.4
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





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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	0
RCR																					
0	111	111	111	111	104	104	104	104	91	91	91	80	80	80	69	69	69	69	69	69	65
1	101	97	93	89	95	91	88	84	80	78	75	71	69	67	62	60	59	62	60	59	55
2	92	85	78	73	86	80	74	69	70	66	63	62	59	56	54	52	50	54	52	50	46
3	84	74	67	61	79	70	63	58	62	57	53	55	51	47	48	45	42	48	45	42	39
4	77	66	58	52	72	62	55	49	55	49	45	49	44	41	43	39	36	43	39	36	33
5	71	59	50	44	66	56	48	42	49	43	39	44	39	35	39	35	32	39	35	32	29
6	65	53	44	38	61	50	42	37	45	38	34	40	35	31	35	31	28	35	31	28	25
7	60	48	39	34	56	45	38	32	40	34	30	36	31	27	32	28	25	32	28	25	22
8	56	43	35	30	52	41	34	29	37	31	27	33	28	24	29	25	22	29	25	22	20
9	52	40	32	27	49	38	31	26	34	28	24	30	25	22	27	23	20	27	23	20	18
10	49	36	29	24	46	35	28	23	31	25	21	28	23	20	25	21	18	25	21	18	16

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11602	11602	11602	11602
5°	11689	11712	11689	9209
10°	11611	11537	11611	8248
15°	11485	11287	11485	9425
20°	11245	10991	11245	9445
25°	10753	10559	10753	9244
30°	10117	10200	10117	8805
35°	9020	9747	9020	8322
40°	7516	9213	7516	7957
45°	6715	8588	6715	7538
50°	7134	7842	7134	7116
55°	6712	7039	6712	6873
60°	6919	5979	6919	6295
65°	6273	4942	6273	5524
70°	4344	3939	4344	4631
75°	3809	2912	3809	3487
80°	3069	1925	3069	2096
85°	1765	1019	1765	866

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10292 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	225.7	2.2
10°-20°	640.9	6.4
20°-30°	990.7	9.9
30°-40°	1182.7	11.8
40°-50°	1189.7	11.8
50°-60°	1035.1	10.3
60°-70°	733.9	7.3
70°-80°	388.3	3.9
80°-90°	98.8	1.0
90°-100°	268.0	2.7
100°-110°	704.7	7.0
110°-120°	730.7	7.3
120°-130°	586.1	5.8
130°-140°	459.9	4.6
140°-150°	353.0	3.5
150°-160°	254.2	2.5
160°-170°	155.5	1.5
170°-180°	52.6	0.5
0°-30°	1857.4	18.5
0°-40°	3040.1	30.2
0°-60°	5264.9	52.4
0°-90°	6485.9	64.5
90°-120°	1703.5	16.9
90°-150°	3102.5	30.9
90°-180°	3565.0	35.5
0°-180°	10050.8	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	2501	2501	2501	2501	2501	
5°	2512	2591	2512	2037	2512	238
15°	2399	2567	2399	2144	2399	675
25°	2113	2394	2113	2096	2113	970
35°	1606	2136	1606	1824	1606	994
45°	1036	1760	1036	1545	1036	830
55°	845	1299	845	1268	845	776
65°	587	783	587	875	587	561
75°	222	372	222	445	222	234
85°	38	95	38	80	38	51
90°	4	14	4	14	4	5
95°	36	162	36	162	36	39
105°	127	1104	127	1104	127	135
115°	226	1421	226	1421	226	223
125°	314	1132	314	1132	314	279
135°	374	878	374	878	374	289
145°	434	712	434	712	434	272
155°	490	613	490	613	490	225
165°	529	571	529	571	529	149
175°	550	554	550	554	550	52
180°	550	550	550	550	550	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7
2.5°	2522.0	2522.0	2536.2	2540.9	2540.9	2533.8	2526.7	2533.8	2555.1	2562.2	2559.9
5°	2512.5	2531.4	2557.5	2562.2	2566.9	2564.5	2559.9	2564.5	2588.3	2593.0	2595.3
7.5°	2493.6	2529.1	2562.2	2569.3	2576.4	2569.3	2566.9	2571.7	2595.3	2600.1	2600.1
10°	2469.9	2519.6	2557.5	2562.2	2569.3	2562.2	2562.2	2571.7	2595.3	2600.1	2602.4
12.5°	2436.8	2505.4	2540.9	2545.6	2555.1	2552.7	2550.4	2559.9	2583.5	2588.3	2588.3
15°	2399.0	2479.4	2512.5	2517.3	2533.8	2529.1	2529.1	2538.6	2564.5	2571.7	2569.3
17.5°	2346.9	2446.3	2484.1	2491.2	2503.0	2500.7	2503.0	2512.5	2536.2	2540.9	2543.3
20°	2287.8	2401.3	2446.3	2453.3	2465.2	2465.2	2465.2	2477.1	2500.7	2510.2	2510.2
22.5°	2207.3	2354.0	2401.3	2406.1	2420.2	2420.2	2425.0	2441.5	2462.8	2465.2	2465.2
25°	2112.7	2301.9	2342.1	2356.4	2370.6	2377.7	2384.8	2394.2	2401.3	2399.0	2401.3
27.5°	2013.3	2235.7	2287.8	2297.2	2316.2	2323.2	2332.7	2335.1	2337.5	2344.6	2339.8
30°	1902.1	2143.5	2221.5	2231.0	2261.7	2266.5	2257.0	2261.7	2273.6	2278.3	2283.0
32.5°	1776.7	2006.2	2153.0	2174.2	2202.6	2188.4	2186.0	2193.2	2212.0	2212.0	2216.8
35°	1606.4	1899.8	2089.0	2107.9	2129.2	2112.7	2122.2	2124.5	2136.4	2143.5	2141.0
37.5°	1419.5	1807.5	2022.8	2037.0	2053.6	2032.3	2046.4	2053.6	2063.0	2058.3	2058.3
40°	1253.9	1663.2	1944.7	1954.2	1968.3	1951.8	1966.0	1970.8	1975.5	1970.8	1968.3
42.5°	1130.9	1504.7	1861.9	1873.7	1864.3	1876.1	1880.9	1890.3	1883.2	1873.7	1873.7
45°	1036.2	1462.0	1772.0	1786.2	1772.0	1791.0	1798.1	1798.1	1776.7	1772.0	1769.7
47.5°	1005.5	1376.9	1682.1	1682.1	1675.0	1698.7	1710.5	1693.9	1672.6	1665.5	1665.5
50°	1003.1	1282.3	1559.1	1549.6	1582.7	1611.1	1599.3	1582.7	1566.2	1540.1	1540.1
52.5°	910.9	1166.3	1400.5	1436.1	1488.1	1504.7	1485.8	1469.2	1440.8	1429.0	1419.5
55°	844.6	1045.7	1256.3	1327.2	1381.6	1403.0	1367.4	1350.9	1308.3	1301.2	1296.5
57.5°	830.4	870.6	1123.8	1213.7	1279.9	1277.5	1256.3	1225.5	1190.0	1182.9	1180.6
60°	761.8	629.3	981.8	1088.3	1156.9	1149.8	1130.9	1102.5	1069.4	1064.6	1059.9
62.5°	690.8	456.6	820.9	941.6	1038.6	1036.2	1019.7	977.1	953.4	941.6	932.1
65°	586.7	383.3	584.4	783.1	922.7	927.4	891.9	861.2	835.1	820.9	818.6
67.5°	447.1	312.3	395.1	653.0	811.5	806.8	761.8	747.6	714.5	707.4	693.2
70°	331.2	208.2	274.4	529.9	702.6	690.8	655.4	638.8	608.0	591.4	582.0
72.5°	274.4	168.0	201.1	411.7	591.4	577.3	546.5	527.6	501.6	487.3	477.9
75°	222.4	177.5	153.8	305.2	480.2	470.8	442.4	423.5	402.2	383.3	385.6
77.5°	163.2	165.6	123.0	224.7	380.9	366.7	350.2	326.5	317.0	298.1	298.1
80°	123.0	130.1	92.3	153.8	274.4	274.4	260.3	243.7	227.1	217.7	217.7
82.5°	82.8	82.8	68.6	97.0	186.9	179.8	170.4	165.6	156.1	151.4	151.4
85°	37.9	47.3	42.6	59.2	101.7	106.5	106.5	101.7	99.4	94.6	97.0
87.5°	11.8	21.3	26.1	33.1	52.0	54.4	56.8	56.8	56.8	59.2	59.2
90°	3.7	6.6	9.6	10.3	16.2	24.1	28.0	24.9	18.7	14.1	14.1
92.5°	14.8	39.8	65.0	71.3	100.2	138.7	157.9	138.4	99.4	70.1	67.3
95°	35.5	81.4	127.3	138.8	246.4	389.9	461.7	412.0	312.6	238.1	229.6
97.5°	61.2	101.7	142.3	152.4	331.9	571.2	690.9	659.5	596.6	549.5	533.4
100°	81.2	117.9	154.6	163.8	363.0	628.6	761.4	763.7	768.3	771.7	752.5
102.5°	98.2	132.5	166.7	175.3	377.3	646.7	781.3	821.4	901.4	961.4	945.0
105°	127.0	156.0	185.1	192.3	387.9	648.7	779.1	868.8	1048.3	1182.9	1174.0
107.5°	156.5	183.5	210.6	217.4	389.8	619.8	734.8	859.9	1110.3	1298.0	1300.2
110°	176.4	200.8	225.4	231.4	387.0	594.2	697.9	837.8	1117.6	1327.5	1336.7



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	196.0	219.3	242.5	248.4	387.0	571.9	664.3	807.5	1093.9	1308.7	1322.8
115°	225.5	247.0	268.5	273.9	390.6	546.3	624.1	762.1	1037.9	1244.8	1264.4
117.5°	254.6	274.1	293.7	298.6	397.9	530.2	596.4	720.9	969.9	1156.7	1178.3
120°	271.6	290.0	308.4	313.0	403.8	524.8	585.4	699.1	926.6	1097.2	1118.2
122.5°	288.2	306.7	325.3	329.9	412.2	522.0	576.8	679.3	884.2	1037.8	1058.6
125°	313.7	330.5	347.5	351.7	423.7	519.6	567.6	654.7	828.7	959.2	978.4
127.5°	334.4	351.4	368.4	372.7	435.1	518.3	559.8	634.6	784.0	896.1	912.2
130°	345.4	363.8	382.2	386.8	443.4	519.1	556.9	623.4	756.4	856.2	871.1
132.5°	356.9	375.2	393.7	398.2	450.3	519.6	554.4	613.9	733.0	822.3	835.6
135°	373.9	390.6	407.3	411.5	457.6	519.1	549.9	599.8	699.5	774.3	785.8
137.5°	391.3	407.8	424.4	428.5	468.7	522.3	549.2	591.4	675.7	738.9	748.3
140°	405.6	420.9	436.1	440.0	475.5	522.9	546.6	583.0	655.8	710.4	719.2
142.5°	416.7	430.7	444.9	448.4	481.1	524.7	546.6	578.6	642.6	690.6	698.2
145°	433.7	446.0	458.3	461.4	488.6	524.8	542.9	569.1	621.4	660.7	666.4
147.5°	450.6	462.6	474.6	477.6	499.3	528.4	542.9	563.5	604.6	635.5	640.2
150°	461.7	472.5	483.4	486.1	505.0	530.3	542.9	560.3	595.1	621.2	625.0
152.5°	473.2	481.4	489.6	491.6	508.7	531.5	542.9	557.8	587.4	609.7	612.7
155°	490.1	496.2	502.3	503.8	516.9	534.2	542.9	554.7	578.3	596.0	598.0
157.5°	502.6	508.5	514.4	516.0	524.9	536.9	542.9	552.0	570.4	584.2	585.5
160°	511.1	515.8	520.4	521.5	528.7	538.2	542.9	550.8	566.5	578.3	579.1
162.5°	519.6	523.1	526.5	527.4	532.6	539.5	542.9	549.5	562.9	572.8	573.5
165°	528.9	532.0	535.0	535.8	538.2	541.3	542.9	547.7	557.2	564.3	565.1
167.5°	537.4	538.8	540.3	540.7	542.6	545.2	546.6	549.7	556.0	560.6	561.0
170°	542.9	544.3	545.9	546.2	546.3	546.5	546.6	549.7	556.0	560.6	560.6
172.5°	545.9	546.2	546.5	546.6	546.6	546.6	546.6	549.1	554.0	557.7	557.4
175°	549.9	549.9	549.9	549.9	548.8	547.3	546.6	548.1	551.2	553.6	553.6
177.5°	549.9	549.9	549.9	549.9	549.0	547.8	547.3	548.6	551.0	552.9	552.5
180°	549.9	549.9	549.9	549.9	549.9	549.9	549.9	549.9	549.9	549.9	549.9



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7
2.5°	2564.5	2557.5	2564.5	2559.9	2562.2	2555.1	2533.8	2526.7	2533.8	2540.9	2540.9
5°	2595.3	2590.6	2595.3	2595.3	2593.0	2588.3	2564.5	2559.9	2564.5	2566.9	2562.2
7.5°	2604.8	2597.7	2604.8	2600.1	2600.1	2595.3	2571.7	2566.9	2569.3	2576.4	2569.3
10°	2604.8	2597.7	2604.8	2602.4	2600.1	2595.3	2571.7	2562.2	2562.2	2569.3	2562.2
12.5°	2593.0	2588.3	2593.0	2588.3	2588.3	2583.5	2559.9	2550.4	2552.7	2555.1	2545.6
15°	2574.0	2566.9	2574.0	2569.3	2571.7	2564.5	2538.6	2529.1	2529.1	2533.8	2517.3
17.5°	2545.6	2536.2	2545.6	2543.3	2540.9	2536.2	2512.5	2503.0	2500.7	2503.0	2491.2
20°	2512.5	2505.4	2512.5	2510.2	2510.2	2500.7	2477.1	2465.2	2465.2	2465.2	2453.3
22.5°	2460.5	2453.3	2460.5	2465.2	2465.2	2462.8	2441.5	2425.0	2420.2	2420.2	2406.1
25°	2401.3	2394.2	2401.3	2401.3	2399.0	2401.3	2394.2	2384.8	2377.7	2370.6	2356.4
27.5°	2344.6	2339.8	2344.6	2339.8	2344.6	2337.5	2335.1	2332.7	2323.2	2316.2	2297.2
30°	2287.8	2283.0	2287.8	2283.0	2278.3	2273.6	2261.7	2257.0	2266.5	2261.7	2231.0
32.5°	2216.8	2212.0	2216.8	2216.8	2212.0	2212.0	2193.2	2186.0	2188.4	2202.6	2174.2
35°	2143.5	2136.4	2143.5	2141.0	2143.5	2136.4	2124.5	2122.2	2112.7	2129.2	2107.9
37.5°	2058.3	2051.2	2058.3	2058.3	2058.3	2063.0	2053.6	2046.4	2032.3	2053.6	2037.0
40°	1970.8	1961.3	1970.8	1968.3	1970.8	1975.5	1970.8	1966.0	1951.8	1968.3	1954.2
42.5°	1871.4	1869.1	1871.4	1873.7	1873.7	1883.2	1890.3	1880.9	1876.1	1864.3	1873.7
45°	1764.9	1760.2	1764.9	1769.7	1772.0	1776.7	1798.1	1798.1	1791.0	1772.0	1786.2
47.5°	1651.3	1639.5	1651.3	1665.5	1665.5	1672.6	1693.9	1710.5	1698.7	1675.0	1682.1
50°	1530.7	1533.0	1530.7	1540.1	1540.1	1566.2	1582.7	1599.3	1611.1	1582.7	1549.6
52.5°	1412.4	1410.0	1412.4	1419.5	1429.0	1440.8	1469.2	1485.8	1504.7	1488.1	1436.1
55°	1294.1	1298.8	1294.1	1296.5	1301.2	1308.3	1350.9	1367.4	1403.0	1381.6	1327.2
57.5°	1175.8	1168.7	1175.8	1180.6	1182.9	1190.0	1225.5	1256.3	1277.5	1279.9	1213.7
60°	1038.6	1029.2	1038.6	1059.9	1064.6	1069.4	1102.5	1130.9	1149.8	1156.9	1088.3
62.5°	918.0	901.4	918.0	932.1	941.6	953.4	977.1	1019.7	1036.2	1038.6	941.6
65°	790.2	783.1	790.2	818.6	820.9	835.1	861.2	891.9	927.4	922.7	783.1
67.5°	674.3	674.3	674.3	693.2	707.4	714.5	747.6	761.8	806.8	811.5	653.0
70°	567.8	565.5	567.8	582.0	591.4	608.0	638.8	655.4	690.8	702.6	529.9
72.5°	466.1	463.7	466.1	477.9	487.3	501.6	527.6	546.5	577.3	591.4	411.7
75°	376.2	371.5	376.2	385.6	383.3	402.2	423.5	442.4	470.8	480.2	305.2
77.5°	288.6	288.6	288.6	298.1	298.1	317.0	326.5	350.2	366.7	380.9	224.7
80°	215.3	212.9	215.3	217.7	217.7	227.1	243.7	260.3	274.4	274.4	153.8
82.5°	151.4	146.7	151.4	151.4	151.4	156.1	165.6	170.4	179.8	186.9	97.0
85°	94.6	94.6	94.6	97.0	94.6	99.4	101.7	106.5	106.5	101.7	59.2
87.5°	61.5	59.2	61.5	59.2	59.2	56.8	56.8	56.8	54.4	52.0	33.1
90°	14.1	14.1	14.1	14.1	14.1	18.7	24.9	28.0	24.1	16.2	10.3
92.5°	56.1	45.0	56.1	67.3	70.1	99.4	138.4	157.9	138.7	100.2	71.3
95°	195.8	162.1	195.8	229.6	238.1	312.6	412.0	461.7	389.9	246.4	138.8
97.5°	469.1	404.9	469.1	533.4	549.5	596.6	659.5	690.9	571.2	331.9	152.4
100°	676.0	599.3	676.0	752.5	771.7	768.3	763.7	761.4	628.6	363.0	163.8
102.5°	879.4	813.7	879.4	945.0	961.4	901.4	821.4	781.3	646.7	377.3	175.3
105°	1138.7	1103.5	1138.7	1174.0	1182.9	1048.3	868.8	779.1	648.7	387.9	192.3
107.5°	1308.7	1317.2	1308.7	1300.2	1298.0	1110.3	859.9	734.8	619.8	389.8	217.4
110°	1373.4	1410.2	1373.4	1336.7	1327.5	1117.6	837.8	697.9	594.2	387.0	231.4



TEST NUMBER: P934466

CATALOG NUMBER: SQ4-FA-050U-100D-93050-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1379.2	1435.6	1379.2	1322.8	1308.7	1093.9	807.5	664.3	571.9	387.0	248.4
115°	1342.6	1420.9	1342.6	1264.4	1244.8	1037.9	762.1	624.1	546.3	390.6	273.9
117.5°	1265.2	1351.9	1265.2	1178.3	1156.7	969.9	720.9	596.4	530.2	397.9	298.6
120°	1202.6	1286.9	1202.6	1118.2	1097.2	926.6	699.1	585.4	524.8	403.8	313.0
122.5°	1141.8	1225.0	1141.8	1058.6	1037.8	884.2	679.3	576.8	522.0	412.2	329.9
125°	1054.9	1131.6	1054.9	978.4	959.2	828.7	654.7	567.6	519.6	423.7	351.7
127.5°	976.9	1041.5	976.9	912.2	896.1	784.0	634.6	559.8	518.3	435.1	372.7
130°	930.9	990.6	930.9	871.1	856.2	756.4	623.4	556.9	519.1	443.4	386.8
132.5°	889.1	942.6	889.1	835.6	822.3	733.0	613.9	554.4	519.6	450.3	398.2
135°	831.9	878.0	831.9	785.8	774.3	699.5	599.8	549.9	519.1	457.6	411.5
137.5°	786.1	823.8	786.1	748.3	738.9	675.7	591.4	549.2	522.3	468.7	428.5
140°	754.5	789.8	754.5	719.2	710.4	655.8	583.0	546.6	522.9	475.5	440.0
142.5°	728.4	758.8	728.4	698.2	690.6	642.6	578.6	546.6	524.7	481.1	448.4
145°	689.4	712.3	689.4	666.4	660.7	621.4	569.1	542.9	524.8	488.6	461.4
147.5°	659.3	678.4	659.3	640.2	635.5	604.6	563.5	542.9	528.4	499.3	477.6
150°	640.4	655.8	640.4	625.0	621.2	595.1	560.3	542.9	530.3	505.0	486.1
152.5°	624.3	635.9	624.3	612.7	609.7	587.4	557.8	542.9	531.5	508.7	491.6
155°	605.7	613.4	605.7	598.0	596.0	578.3	554.7	542.9	534.2	516.9	503.8
157.5°	591.0	596.4	591.0	585.5	584.2	570.4	552.0	542.9	536.9	524.9	516.0
160°	582.2	585.4	582.2	579.1	578.3	566.5	550.8	542.9	538.2	528.7	521.5
162.5°	576.5	579.4	576.5	573.5	572.8	562.9	549.5	542.9	539.5	532.6	527.4
165°	568.2	571.3	568.2	565.1	564.3	557.2	547.7	542.9	541.3	538.2	535.8
167.5°	562.3	563.6	562.3	561.0	560.6	556.0	549.7	546.6	545.2	542.6	540.7
170°	560.6	560.6	560.6	560.6	560.6	556.0	549.7	546.6	546.5	546.3	546.2
172.5°	556.3	555.1	556.3	557.4	557.7	554.0	549.1	546.6	546.6	546.6	546.6
175°	553.6	553.6	553.6	553.6	553.6	551.2	548.1	546.6	547.3	548.8	549.9
177.5°	551.2	549.9	551.2	552.5	552.9	551.0	548.6	547.3	547.8	549.0	549.9
180°	549.9	549.9	549.9	549.9	549.9	549.9	549.9	549.9	549.9	549.9	549.9



TEST NUMBER: P934466

CATALOG NUMBER: SQ4-FA-050U-100D-93050-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7
2.5°	2536.2	2522.0	2522.0	2498.4	2488.9	2481.8	2469.9	2434.4	2425.0	2415.6	2429.7
5°	2557.5	2531.4	2512.5	2469.9	2434.4	2420.2	2375.3	2290.1	2233.4	2190.7	2167.1
7.5°	2562.2	2529.1	2493.6	2427.4	2342.1	2304.4	2167.1	2011.0	1968.3	1930.6	1906.8
10°	2557.5	2519.6	2469.9	2370.6	2169.4	2103.3	1966.0	1864.3	1838.3	1831.2	1838.3
12.5°	2540.9	2505.4	2436.8	2271.2	1989.7	1944.7	1864.3	1805.1	1800.4	1812.2	1876.1
15°	2512.5	2479.4	2399.0	2138.7	1890.3	1857.1	1800.4	1779.1	1805.1	1887.9	2079.5
17.5°	2484.1	2446.3	2346.9	2008.6	1814.6	1791.0	1750.7	1793.3	1940.0	2051.2	2115.1
20°	2446.3	2401.3	2287.8	1914.0	1760.2	1738.9	1720.0	1911.6	2022.8	2063.0	2098.5
22.5°	2401.3	2354.0	2207.3	1847.7	1703.4	1686.9	1698.7	1977.8	2022.8	2051.2	2082.0
25°	2342.1	2301.9	2112.7	1795.6	1658.5	1639.5	1684.4	1970.8	1996.7	2003.9	2065.4
27.5°	2287.8	2235.7	2013.3	1748.4	1604.0	1597.0	1696.3	1940.0	1958.9	1966.0	2032.3
30°	2221.5	2143.5	1902.1	1698.7	1547.3	1544.9	1698.7	1902.1	1897.4	1916.3	1982.6
32.5°	2153.0	2006.2	1776.7	1637.2	1492.8	1490.5	1682.1	1845.3	1840.6	1866.6	1916.3
35°	2089.0	1899.8	1606.4	1566.2	1424.3	1426.6	1641.9	1779.1	1781.5	1805.1	1835.9
37.5°	2022.8	1807.5	1419.5	1488.1	1358.0	1358.0	1587.5	1717.6	1712.9	1720.0	1762.5
40°	1944.7	1663.2	1253.9	1386.4	1296.5	1289.3	1521.2	1651.3	1634.8	1632.4	1691.6
42.5°	1861.9	1504.7	1130.9	1251.6	1225.5	1216.0	1440.8	1570.9	1540.1	1547.3	1622.9
45°	1772.0	1462.0	1036.2	1057.5	1152.2	1145.1	1353.3	1478.6	1457.4	1476.3	1554.4
47.5°	1682.1	1376.9	1005.5	877.8	1074.1	1071.7	1256.3	1388.7	1376.9	1395.9	1478.6
50°	1559.1	1282.3	1003.1	752.3	986.5	996.0	1140.4	1301.2	1301.2	1317.8	1405.3
52.5°	1400.5	1166.3	910.9	681.3	884.8	913.2	1038.6	1225.5	1230.2	1246.8	1324.9
55°	1256.3	1045.7	844.6	627.0	764.1	825.7	939.3	1147.4	1156.9	1173.5	1244.4
57.5°	1123.8	870.6	830.4	563.1	653.0	712.1	851.7	1071.7	1076.4	1090.7	1159.2
60°	981.8	629.3	761.8	494.5	556.0	600.9	771.2	981.8	998.4	1007.9	1067.0
62.5°	820.9	456.6	690.8	447.1	508.6	518.1	705.1	896.7	918.0	925.0	960.5
65°	584.4	383.3	586.7	406.9	458.9	461.4	634.1	809.1	828.1	839.9	865.9
67.5°	395.1	312.3	447.1	369.0	421.2	423.5	565.5	707.4	733.4	742.8	759.4
70°	274.4	208.2	331.2	328.8	378.5	383.3	492.1	615.1	638.8	645.9	655.4
72.5°	201.1	168.0	274.4	295.7	333.6	338.3	416.4	511.0	534.7	541.8	546.5
75°	153.8	177.5	222.4	257.8	283.9	286.2	340.7	416.4	433.0	437.7	440.0
77.5°	123.0	165.6	163.2	208.2	231.9	227.1	267.3	321.8	335.9	335.9	335.9
80°	92.3	130.1	123.0	149.1	170.4	165.6	191.6	229.5	234.2	239.0	236.5
82.5°	68.6	82.8	82.8	94.6	113.5	108.9	127.8	149.1	149.1	149.1	153.8
85°	42.6	47.3	37.9	49.7	63.8	61.5	71.0	80.4	82.8	82.8	78.1
87.5°	26.1	21.3	11.8	18.9	28.4	28.4	33.1	35.5	33.1	33.1	33.1
90°	9.6	6.6	3.7	6.6	9.6	10.3	16.2	24.1	28.0	24.9	18.7
92.5°	65.0	39.8	14.8	39.8	65.0	71.3	100.2	138.7	157.9	138.4	99.4
95°	127.3	81.4	35.5	81.4	127.3	138.8	246.4	389.9	461.7	412.0	312.6
97.5°	142.3	101.7	61.2	101.7	142.3	152.4	331.9	571.2	690.9	659.5	596.6
100°	154.6	117.9	81.2	117.9	154.6	163.8	363.0	628.6	761.4	763.7	768.3
102.5°	166.7	132.5	98.2	132.5	166.7	175.3	377.3	646.7	781.3	821.4	901.4
105°	185.1	156.0	127.0	156.0	185.1	192.3	387.9	648.7	779.1	868.8	1048.3
107.5°	210.6	183.5	156.5	183.5	210.6	217.4	389.8	619.8	734.8	859.9	1110.3
110°	225.4	200.8	176.4	200.8	225.4	231.4	387.0	594.2	697.9	837.8	1117.6



TEST NUMBER: P934466

CATALOG NUMBER: SQ4-FA-050U-100D-93050-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	242.5	219.3	196.0	219.3	242.5	248.4	387.0	571.9	664.3	807.5	1093.9
115°	268.5	247.0	225.5	247.0	268.5	273.9	390.6	546.3	624.1	762.1	1037.9
117.5°	293.7	274.1	254.6	274.1	293.7	298.6	397.9	530.2	596.4	720.9	969.9
120°	308.4	290.0	271.6	290.0	308.4	313.0	403.8	524.8	585.4	699.1	926.6
122.5°	325.3	306.7	288.2	306.7	325.3	329.9	412.2	522.0	576.8	679.3	884.2
125°	347.5	330.5	313.7	330.5	347.5	351.7	423.7	519.6	567.6	654.7	828.7
127.5°	368.4	351.4	334.4	351.4	368.4	372.7	435.1	518.3	559.8	634.6	784.0
130°	382.2	363.8	345.4	363.8	382.2	386.8	443.4	519.1	556.9	623.4	756.4
132.5°	393.7	375.2	356.9	375.2	393.7	398.2	450.3	519.6	554.4	613.9	733.0
135°	407.3	390.6	373.9	390.6	407.3	411.5	457.6	519.1	549.9	599.8	699.5
137.5°	424.4	407.8	391.3	407.8	424.4	428.5	468.7	522.3	549.2	591.4	675.7
140°	436.1	420.9	405.6	420.9	436.1	440.0	475.5	522.9	546.6	583.0	655.8
142.5°	444.9	430.7	416.7	430.7	444.9	448.4	481.1	524.7	546.6	578.6	642.6
145°	458.3	446.0	433.7	446.0	458.3	461.4	488.6	524.8	542.9	569.1	621.4
147.5°	474.6	462.6	450.6	462.6	474.6	477.6	499.3	528.4	542.9	563.5	604.6
150°	483.4	472.5	461.7	472.5	483.4	486.1	505.0	530.3	542.9	560.3	595.1
152.5°	489.6	481.4	473.2	481.4	489.6	491.6	508.7	531.5	542.9	557.8	587.4
155°	502.3	496.2	490.1	496.2	502.3	503.8	516.9	534.2	542.9	554.7	578.3
157.5°	514.4	508.5	502.6	508.5	514.4	516.0	524.9	536.9	542.9	552.0	570.4
160°	520.4	515.8	511.1	515.8	520.4	521.5	528.7	538.2	542.9	550.8	566.5
162.5°	526.5	523.1	519.6	523.1	526.5	527.4	532.6	539.5	542.9	549.5	562.9
165°	535.0	532.0	528.9	532.0	535.0	535.8	538.2	541.3	542.9	547.7	557.2
167.5°	540.3	538.8	537.4	538.8	540.3	540.7	542.6	545.2	546.6	549.7	556.0
170°	545.9	544.3	542.9	544.3	545.9	546.2	546.3	546.5	546.6	549.7	556.0
172.5°	546.5	546.2	545.9	546.2	546.5	546.6	546.6	546.6	546.6	549.1	554.0
175°	549.9	549.9	549.9	549.9	549.9	549.9	548.8	547.3	546.6	548.1	551.2
177.5°	549.9	549.9	549.9	549.9	549.9	549.9	549.0	547.8	547.3	548.6	551.0
180°	549.9	549.9	549.9	549.9	549.9	549.9	549.9	549.9	549.9	549.9	549.9



TEST NUMBER: P934466

CATALOG NUMBER: SQ4-FA-050U-100D-93050-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7	2500.7
2.5°	2413.1	2406.1	2415.6	2389.5	2415.6	2406.1	2413.1	2429.7	2415.6	2425.0	2434.4
5°	2117.4	2105.6	2067.7	2037.0	2067.7	2105.6	2117.4	2167.1	2190.7	2233.4	2290.1
7.5°	1892.7	1883.2	1873.7	1854.8	1873.7	1883.2	1892.7	1906.8	1930.6	1968.3	2011.0
10°	1843.0	1845.3	1859.6	1857.1	1859.6	1845.3	1843.0	1838.3	1831.2	1838.3	1864.3
12.5°	1970.8	1992.1	2070.1	2065.4	2070.1	1992.1	1970.8	1876.1	1812.2	1800.4	1805.1
15°	2117.4	2124.5	2141.0	2143.5	2141.0	2124.5	2117.4	2079.5	1887.9	1805.1	1779.1
17.5°	2131.6	2134.0	2145.8	2145.8	2145.8	2134.0	2131.6	2115.1	2051.2	1940.0	1793.3
20°	2119.8	2124.5	2148.2	2153.0	2148.2	2124.5	2119.8	2098.5	2063.0	2022.8	1911.6
22.5°	2115.1	2124.5	2143.5	2141.0	2143.5	2124.5	2115.1	2082.0	2051.2	2022.8	1977.8
25°	2091.4	2091.4	2093.8	2096.1	2093.8	2091.4	2091.4	2065.4	2003.9	1996.7	1970.8
27.5°	2041.8	2046.4	2060.7	2058.3	2060.7	2046.4	2041.8	2032.3	1966.0	1958.9	1940.0
30°	1996.7	1992.1	1980.2	1970.8	1980.2	1992.1	1996.7	1982.6	1916.3	1897.4	1902.1
32.5°	1921.1	1909.3	1897.4	1890.3	1897.4	1909.3	1921.1	1916.3	1866.6	1840.6	1845.3
35°	1831.2	1833.5	1831.2	1824.0	1831.2	1833.5	1831.2	1835.9	1805.1	1781.5	1779.1
37.5°	1767.3	1772.0	1769.7	1760.2	1769.7	1772.0	1767.3	1762.5	1720.0	1712.9	1717.6
40°	1701.0	1703.4	1701.0	1693.9	1701.0	1703.4	1701.0	1691.6	1632.4	1634.8	1651.3
42.5°	1637.2	1634.8	1627.7	1622.9	1627.7	1634.8	1637.2	1622.9	1547.3	1540.1	1570.9
45°	1563.8	1566.2	1552.0	1544.9	1552.0	1566.2	1563.8	1554.4	1476.3	1457.4	1478.6
47.5°	1490.5	1490.5	1478.6	1471.5	1478.6	1490.5	1490.5	1478.6	1395.9	1376.9	1388.7
50°	1412.4	1410.0	1393.5	1391.1	1393.5	1410.0	1412.4	1405.3	1317.8	1301.2	1301.2
52.5°	1322.5	1322.5	1324.9	1329.6	1324.9	1322.5	1322.5	1324.9	1246.8	1230.2	1225.5
55°	1244.4	1246.8	1263.4	1268.1	1263.4	1246.8	1244.4	1244.4	1173.5	1156.9	1147.4
57.5°	1164.0	1164.0	1175.8	1175.8	1175.8	1164.0	1164.0	1159.2	1090.7	1076.4	1071.7
60°	1071.7	1076.4	1085.9	1083.6	1085.9	1076.4	1071.7	1067.0	1007.9	998.4	981.8
62.5°	974.7	979.5	981.8	977.1	981.8	979.5	974.7	960.5	925.0	918.0	896.7
65°	873.0	877.8	880.1	875.3	880.1	877.8	873.0	865.9	839.9	828.1	809.1
67.5°	768.9	766.6	764.1	773.6	764.1	766.6	768.9	759.4	742.8	733.4	707.4
70°	662.4	662.4	660.0	664.8	660.0	662.4	662.4	655.4	645.9	638.8	615.1
72.5°	548.9	546.5	556.0	548.9	556.0	546.5	548.9	546.5	541.8	534.7	511.0
75°	437.7	442.4	437.7	444.8	437.7	442.4	437.7	440.0	437.7	433.0	416.4
77.5°	333.6	338.3	333.6	333.6	333.6	338.3	333.6	335.9	335.9	335.9	321.8
80°	236.5	234.2	234.2	231.9	234.2	234.2	236.5	236.5	239.0	234.2	229.5
82.5°	151.4	149.1	149.1	153.8	149.1	149.1	151.4	153.8	149.1	149.1	149.1
85°	82.8	85.1	80.4	80.4	80.4	85.1	82.8	78.1	82.8	82.8	80.4
87.5°	30.8	28.4	28.4	28.4	28.4	28.4	30.8	33.1	33.1	33.1	35.5
90°	14.1	14.1	14.1	14.1	14.1	14.1	14.1	18.7	24.9	28.0	24.1
92.5°	70.1	67.3	56.1	45.0	56.1	67.3	70.1	99.4	138.4	157.9	138.7
95°	238.1	229.6	195.8	162.1	195.8	229.6	238.1	312.6	412.0	461.7	389.9
97.5°	549.5	533.4	469.1	404.9	469.1	533.4	549.5	596.6	659.5	690.9	571.2
100°	771.7	752.5	676.0	599.3	676.0	752.5	771.7	768.3	763.7	761.4	628.6
102.5°	961.4	945.0	879.4	813.7	879.4	945.0	961.4	901.4	821.4	781.3	646.7
105°	1182.9	1174.0	1138.7	1103.5	1138.7	1174.0	1182.9	1048.3	868.8	779.1	648.7
107.5°	1298.0	1300.2	1308.7	1317.2	1308.7	1300.2	1298.0	1110.3	859.9	734.8	619.8
110°	1327.5	1336.7	1373.4	1410.2	1373.4	1336.7	1327.5	1117.6	837.8	697.9	594.2



TEST NUMBER: P934466

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1308.7	1322.8	1379.2	1435.6	1379.2	1322.8	1308.7	1093.9	807.5	664.3	571.9
115°	1244.8	1264.4	1342.6	1420.9	1342.6	1264.4	1244.8	1037.9	762.1	624.1	546.3
117.5°	1156.7	1178.3	1265.2	1351.9	1265.2	1178.3	1156.7	969.9	720.9	596.4	530.2
120°	1097.2	1118.2	1202.6	1286.9	1202.6	1118.2	1097.2	926.6	699.1	585.4	524.8
122.5°	1037.8	1058.6	1141.8	1225.0	1141.8	1058.6	1037.8	884.2	679.3	576.8	522.0
125°	959.2	978.4	1054.9	1131.6	1054.9	978.4	959.2	828.7	654.7	567.6	519.6
127.5°	896.1	912.2	976.9	1041.5	976.9	912.2	896.1	784.0	634.6	559.8	518.3
130°	856.2	871.1	930.9	990.6	930.9	871.1	856.2	756.4	623.4	556.9	519.1
132.5°	822.3	835.6	889.1	942.6	889.1	835.6	822.3	733.0	613.9	554.4	519.6
135°	774.3	785.8	831.9	878.0	831.9	785.8	774.3	699.5	599.8	549.9	519.1
137.5°	738.9	748.3	786.1	823.8	786.1	748.3	738.9	675.7	591.4	549.2	522.3
140°	710.4	719.2	754.5	789.8	754.5	719.2	710.4	655.8	583.0	546.6	522.9
142.5°	690.6	698.2	728.4	758.8	728.4	698.2	690.6	642.6	578.6	546.6	524.7
145°	660.7	666.4	689.4	712.3	689.4	666.4	660.7	621.4	569.1	542.9	524.8
147.5°	635.5	640.2	659.3	678.4	659.3	640.2	635.5	604.6	563.5	542.9	528.4
150°	621.2	625.0	640.4	655.8	640.4	625.0	621.2	595.1	560.3	542.9	530.3
152.5°	609.7	612.7	624.3	635.9	624.3	612.7	609.7	587.4	557.8	542.9	531.5
155°	596.0	598.0	605.7	613.4	605.7	598.0	596.0	578.3	554.7	542.9	534.2
157.5°	584.2	585.5	591.0	596.4	591.0	585.5	584.2	570.4	552.0	542.9	536.9
160°	578.3	579.1	582.2	585.4	582.2	579.1	578.3	566.5	550.8	542.9	538.2
162.5°	572.8	573.5	576.5	579.4	576.5	573.5	572.8	562.9	549.5	542.9	539.5
165°	564.3	565.1	568.2	571.3	568.2	565.1	564.3	557.2	547.7	542.9	541.3
167.5°	560.6	561.0	562.3	563.6	562.3	561.0	560.6	556.0	549.7	546.6	545.2
170°	560.6	560.6	560.6	560.6	560.6	560.6	560.6	556.0	549.7	546.6	546.5
172.5°	557.7	557.4	556.3	555.1	556.3	557.4	557.7	554.0	549.1	546.6	546.6
175°	553.6	553.6	553.6	553.6	553.6	553.6	553.6	551.2	548.1	546.6	547.3
177.5°	552.9	552.5	551.2	549.9	551.2	552.5	552.9	551.0	548.6	547.3	547.8
180°	549.9	549.9	549.9	549.9	549.9	549.9	549.9	549.9	549.9	549.9	549.9



TEST NUMBER: P934466

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	2500.7	2500.7	2500.7	2500.7	2500.7
2.5°	2469.9	2481.8	2488.9	2498.4	2522.0
5°	2375.3	2420.2	2434.4	2469.9	2512.5
7.5°	2167.1	2304.4	2342.1	2427.4	2493.6
10°	1966.0	2103.3	2169.4	2370.6	2469.9
12.5°	1864.3	1944.7	1989.7	2271.2	2436.8
15°	1800.4	1857.1	1890.3	2138.7	2399.0
17.5°	1750.7	1791.0	1814.6	2008.6	2346.9
20°	1720.0	1738.9	1760.2	1914.0	2287.8
22.5°	1698.7	1686.9	1703.4	1847.7	2207.3
25°	1684.4	1639.5	1658.5	1795.6	2112.7
27.5°	1696.3	1597.0	1604.0	1748.4	2013.3
30°	1698.7	1544.9	1547.3	1698.7	1902.1
32.5°	1682.1	1490.5	1492.8	1637.2	1776.7
35°	1641.9	1426.6	1424.3	1566.2	1606.4
37.5°	1587.5	1358.0	1358.0	1488.1	1419.5
40°	1521.2	1289.3	1296.5	1386.4	1253.9
42.5°	1440.8	1216.0	1225.5	1251.6	1130.9
45°	1353.3	1145.1	1152.2	1057.5	1036.2
47.5°	1256.3	1071.7	1074.1	877.8	1005.5
50°	1140.4	996.0	986.5	752.3	1003.1
52.5°	1038.6	913.2	884.8	681.3	910.9
55°	939.3	825.7	764.1	627.0	844.6
57.5°	851.7	712.1	653.0	563.1	830.4
60°	771.2	600.9	556.0	494.5	761.8
62.5°	705.1	518.1	508.6	447.1	690.8
65°	634.1	461.4	458.9	406.9	586.7
67.5°	565.5	423.5	421.2	369.0	447.1
70°	492.1	383.3	378.5	328.8	331.2
72.5°	416.4	338.3	333.6	295.7	274.4
75°	340.7	286.2	283.9	257.8	222.4
77.5°	267.3	227.1	231.9	208.2	163.2
80°	191.6	165.6	170.4	149.1	123.0
82.5°	127.8	108.9	113.5	94.6	82.8
85°	71.0	61.5	63.8	49.7	37.9
87.5°	33.1	28.4	28.4	18.9	11.8
90°	16.2	10.3	9.6	6.6	3.7
92.5°	100.2	71.3	65.0	39.8	14.8
95°	246.4	138.8	127.3	81.4	35.5
97.5°	331.9	152.4	142.3	101.7	61.2
100°	363.0	163.8	154.6	117.9	81.2
102.5°	377.3	175.3	166.7	132.5	98.2
105°	387.9	192.3	185.1	156.0	127.0
107.5°	389.8	217.4	210.6	183.5	156.5
110°	387.0	231.4	225.4	200.8	176.4



TEST NUMBER: P934466

CATALOG NUMBER: SQ4-FA-050U-100D-93050-1D-UNV-STD-W-8-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	387.0	248.4	242.5	219.3	196.0
115°	390.6	273.9	268.5	247.0	225.5
117.5°	397.9	298.6	293.7	274.1	254.6
120°	403.8	313.0	308.4	290.0	271.6
122.5°	412.2	329.9	325.3	306.7	288.2
125°	423.7	351.7	347.5	330.5	313.7
127.5°	435.1	372.7	368.4	351.4	334.4
130°	443.4	386.8	382.2	363.8	345.4
132.5°	450.3	398.2	393.7	375.2	356.9
135°	457.6	411.5	407.3	390.6	373.9
137.5°	468.7	428.5	424.4	407.8	391.3
140°	475.5	440.0	436.1	420.9	405.6
142.5°	481.1	448.4	444.9	430.7	416.7
145°	488.6	461.4	458.3	446.0	433.7
147.5°	499.3	477.6	474.6	462.6	450.6
150°	505.0	486.1	483.4	472.5	461.7
152.5°	508.7	491.6	489.6	481.4	473.2
155°	516.9	503.8	502.3	496.2	490.1
157.5°	524.9	516.0	514.4	508.5	502.6
160°	528.7	521.5	520.4	515.8	511.1
162.5°	532.6	527.4	526.5	523.1	519.6
165°	538.2	535.8	535.0	532.0	528.9
167.5°	542.6	540.7	540.3	538.8	537.4
170°	546.3	546.2	545.9	544.3	542.9
172.5°	546.6	546.6	546.5	546.2	545.9
175°	548.8	549.9	549.9	549.9	549.9
177.5°	549.0	549.9	549.9	549.9	549.9
180°	549.9	549.9	549.9	549.9	549.9



TEST NUMBER: P934466
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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	14.57	15.58	15.39	16.42	17.47	17.40	18.41	18.23	19.26	20.30
	3H	15.05	15.96	15.89	16.81	17.89	18.76	19.67	19.60	20.52	21.60
	4H	15.25	16.11	16.10	16.97	18.05	19.22	20.07	20.07	20.93	22.02
	6H	15.38	16.17	16.24	17.04	18.13	19.51	20.30	20.37	21.17	22.27
	8H	15.38	16.14	16.26	17.02	18.12	19.59	20.34	20.46	21.23	22.33
	12H	15.36	16.08	16.24	16.96	18.08	19.64	20.35	20.51	21.23	22.36
4H	2H	15.62	16.47	16.47	17.33	18.42	17.83	18.69	18.69	19.55	20.63
	3H	16.66	17.37	17.53	18.27	19.37	19.35	20.07	20.22	20.96	22.06
	4H	16.94	17.59	17.82	18.48	19.61	19.89	20.54	20.77	21.43	22.56
	6H	17.08	17.64	17.97	18.55	19.68	20.26	20.82	21.16	21.74	22.87
	8H	17.08	17.61	17.98	18.52	19.66	20.38	20.90	21.27	21.81	22.95
	12H	17.06	17.53	17.98	18.46	19.61	20.44	20.91	21.36	21.84	22.99
8H	4H	17.41	17.93	18.31	18.84	19.98	20.03	20.55	20.92	21.46	22.60
	6H	17.68	18.11	18.60	19.06	20.20	20.47	20.90	21.39	21.85	23.00
	8H	17.72	18.10	18.66	19.05	20.21	20.62	21.01	21.56	21.95	23.11
	12H	17.71	18.05	18.65	18.98	20.20	20.73	21.07	21.67	22.00	23.22
12H	4H	17.42	17.89	18.34	18.82	19.97	20.00	20.47	20.91	21.40	22.55
	6H	17.74	18.12	18.67	19.07	20.23	20.47	20.85	21.40	21.79	22.96
	8H	17.81	18.15	18.75	19.09	20.30	20.64	20.98	21.58	21.91	23.12