

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: P934547

Luminaire Tested: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934547
REPORT IS A COMBINATION OF REPORTS P933704 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

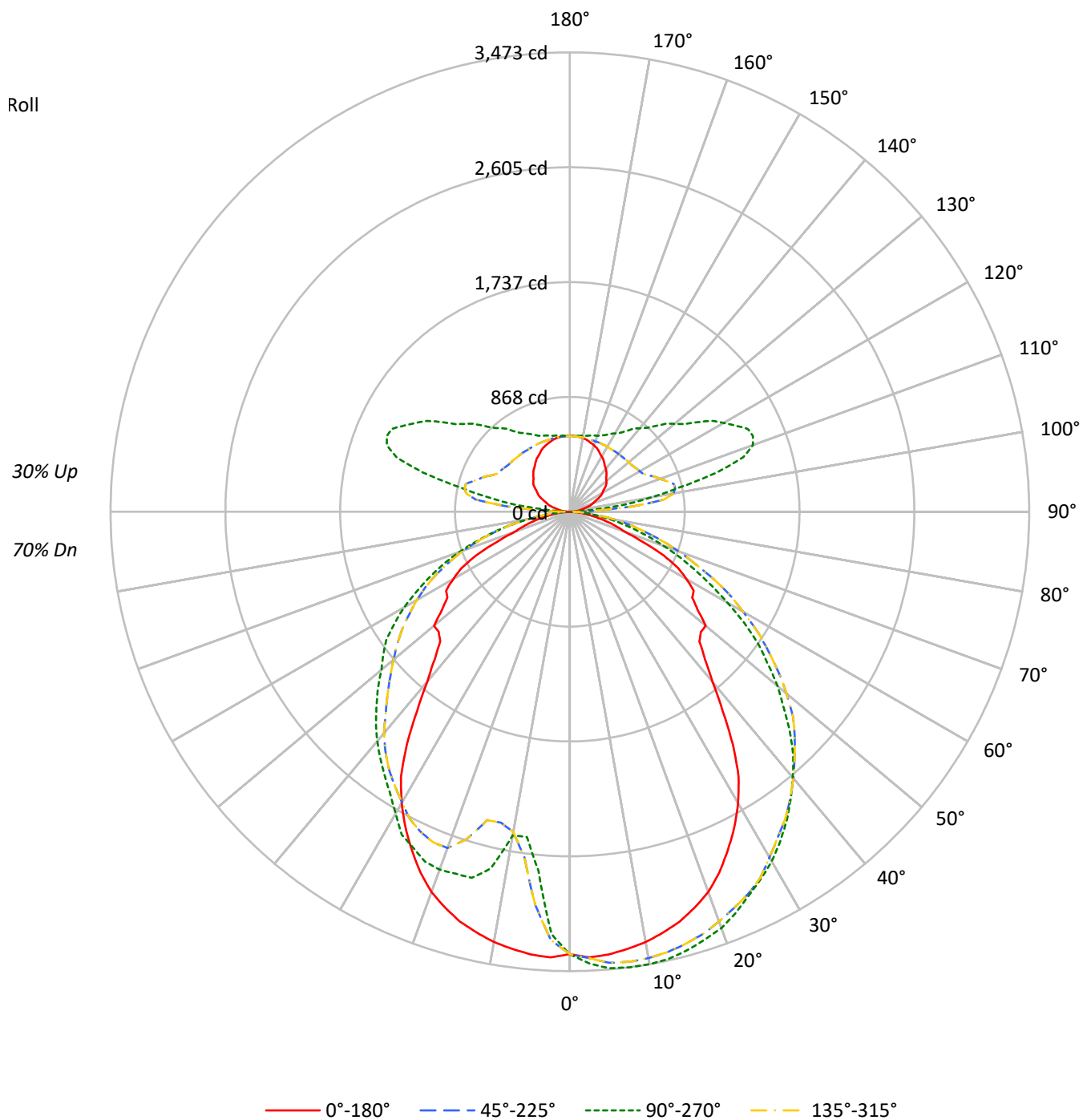
Lumens per Lamp: N/A
Luminaire Lumens: 12393.3 lumens
Efficiency: N/A
Efficacy: 110.7 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 112
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P934547

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-5000K

Luminous Intensity Polar Plot



TEST NUMBER: P934547

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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	112	112	112	112	106	106	106	106	94	94	94	84	84	84	74	74	74
1	102	98	94	90	97	93	89	86	83	80	78	74	72	70	66	65	63
2	93	86	79	74	88	81	76	71	73	68	65	65	62	59	58	56	53
3	85	75	68	62	80	71	65	59	64	59	54	58	53	50	52	48	45
4	78	67	58	52	73	63	56	50	57	51	46	51	47	43	46	42	39
5	72	60	51	45	67	57	49	43	51	45	40	46	41	37	41	37	34
6	66	53	45	39	62	51	43	38	46	40	35	42	36	32	38	33	30
7	61	48	40	34	58	46	39	33	42	36	31	38	33	29	34	30	27
8	57	44	36	30	54	42	35	29	38	32	28	35	29	26	31	27	24
9	53	40	32	27	50	38	31	26	35	29	25	32	27	23	29	25	21
10	49	37	30	25	47	35	28	24	32	26	22	30	25	21	27	23	19

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15513	15513	15513	15513
5°	15629	15660	15629	12313
10°	15524	15425	15524	11028
15°	15356	15091	15356	12602
20°	15035	14695	15035	12628
25°	14378	14118	14378	12360
30°	13528	13639	13528	11773
35°	12060	13032	12060	11127
40°	10049	12319	10049	10639
45°	8979	11483	8979	10078
50°	9539	10486	9539	9516
55°	8975	9413	8975	9190
60°	9251	7994	9251	8417
65°	8388	6608	8388	7387
70°	5809	5266	5809	6192
75°	5092	3893	5092	4662
80°	4104	2574	4104	2802
85°	2357	1364	2357	1159

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 13761 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	301.8	2.4
10°-20°	856.9	6.9
20°-30°	1324.7	10.7
30°-40°	1581.4	12.8
40°-50°	1590.7	12.8
50°-60°	1384.1	11.2
60°-70°	981.3	7.9
70°-80°	519.2	4.2
80°-90°	131.5	1.1
90°-100°	279.8	2.3
100°-110°	735.7	5.9
110°-120°	762.9	6.2
120°-130°	611.9	4.9
130°-140°	480.1	3.9
140°-150°	368.5	3.0
150°-160°	265.4	2.1
160°-170°	162.4	1.3
170°-180°	54.9	0.4
0°-30°	2483.5	20.0
0°-40°	4064.9	32.8
0°-60°	7039.6	56.8
0°-90°	8671.6	70.0
90°-120°	1778.5	14.4
90°-150°	3239.0	26.1
90°-180°	3722.0	30.0
0°-180°	12393.3	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3344	3344	3344	3344	3344	
5°	3359	3464	3359	2724	3359	319
15°	3208	3432	3208	2866	3208	902
25°	2825	3201	2825	2803	2825	1297
35°	2148	2856	2148	2439	2148	1329
45°	1386	2354	1386	2066	1386	1110
55°	1129	1737	1129	1696	1129	1038
65°	784	1047	784	1170	784	750
75°	297	497	297	595	297	313
85°	51	127	51	108	51	68
90°	4	15	4	15	4	5
95°	37	169	37	169	37	41
105°	132	1152	132	1152	132	141
115°	236	1483	236	1483	236	233
125°	328	1181	328	1181	328	291
135°	390	917	390	917	390	302
145°	453	744	453	744	453	284
155°	512	640	512	640	512	235
165°	552	596	552	596	552	156
175°	574	578	574	578	574	54
180°	574	574	574	574	574	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6
2.5°	3372.0	3372.0	3391.0	3397.4	3397.4	3387.9	3378.4	3387.9	3416.4	3425.9	3422.7
5°	3359.4	3384.8	3419.5	3425.9	3432.1	3429.1	3422.7	3429.1	3460.7	3467.0	3470.2
7.5°	3334.1	3381.6	3425.9	3435.3	3444.9	3435.3	3432.1	3438.5	3470.2	3476.5	3476.5
10°	3302.5	3369.0	3419.5	3425.9	3435.3	3425.9	3425.9	3438.5	3470.2	3476.5	3479.6
12.5°	3258.2	3349.9	3397.4	3403.7	3416.4	3413.2	3410.1	3422.7	3454.3	3460.7	3460.7
15°	3207.6	3315.1	3359.4	3365.8	3387.9	3381.6	3381.6	3394.2	3429.1	3438.5	3435.3
17.5°	3138.0	3270.8	3321.5	3330.9	3346.8	3343.6	3346.8	3359.4	3391.0	3397.4	3400.6
20°	3058.9	3210.7	3270.8	3280.4	3296.1	3296.1	3296.1	3311.9	3343.6	3356.2	3356.2
22.5°	2951.3	3147.5	3210.7	3217.1	3236.0	3236.0	3242.4	3264.6	3293.0	3296.1	3296.1
25°	2824.9	3077.9	3131.6	3150.6	3169.6	3179.1	3188.7	3201.3	3210.7	3207.6	3210.7
27.5°	2692.0	2989.3	3058.9	3071.5	3096.9	3106.4	3119.0	3122.2	3125.4	3134.8	3128.5
30°	2543.3	2866.0	2970.3	2983.0	3024.1	3030.4	3017.8	3024.1	3039.9	3046.3	3052.6
32.5°	2375.6	2682.5	2878.6	2907.1	2945.1	2926.1	2922.9	2932.4	2957.7	2957.7	2964.0
35°	2147.9	2540.2	2793.2	2818.5	2846.9	2824.9	2837.5	2840.7	2856.5	2866.0	2862.8
37.5°	1898.0	2416.8	2704.7	2723.6	2745.8	2717.3	2736.3	2745.8	2758.4	2752.1	2752.1
40°	1676.6	2223.8	2600.3	2612.9	2631.9	2609.7	2628.7	2635.0	2641.4	2635.0	2631.9
42.5°	1512.1	2011.9	2489.5	2505.3	2492.7	2508.5	2514.8	2527.4	2518.0	2505.3	2505.3
45°	1385.5	1954.9	2369.3	2388.3	2369.3	2394.6	2404.2	2404.2	2375.6	2369.3	2366.1
47.5°	1344.4	1841.0	2249.1	2249.1	2239.6	2271.2	2287.0	2264.9	2236.5	2226.9	2226.9
50°	1341.2	1714.5	2084.6	2072.0	2116.3	2154.2	2138.4	2116.3	2094.1	2059.3	2059.3
52.5°	1217.8	1559.5	1872.7	1920.2	1989.7	2011.9	1986.5	1964.4	1926.4	1910.6	1898.0
55°	1129.3	1398.2	1679.8	1774.6	1847.4	1875.9	1828.4	1806.2	1749.3	1739.9	1733.5
57.5°	1110.3	1164.1	1502.5	1622.7	1711.4	1708.2	1679.8	1638.6	1591.2	1581.6	1578.5
60°	1018.5	841.4	1312.8	1455.2	1546.8	1537.4	1512.1	1474.1	1429.8	1423.5	1417.2
62.5°	923.7	610.5	1097.6	1259.0	1388.7	1385.5	1363.4	1306.4	1274.8	1259.0	1246.3
65°	784.5	512.5	781.3	1047.1	1233.7	1240.0	1192.6	1151.5	1116.6	1097.6	1094.5
67.5°	597.8	417.5	528.3	873.1	1085.0	1078.7	1018.5	999.6	955.4	945.8	926.9
70°	442.9	278.4	367.0	708.6	939.5	923.7	876.2	854.1	813.0	790.9	778.1
72.5°	367.0	224.6	268.9	550.4	790.9	771.9	730.8	705.4	670.7	651.7	639.0
75°	297.3	237.2	205.6	408.1	642.1	629.5	591.6	566.2	537.7	512.5	515.6
77.5°	218.3	221.4	164.5	300.5	509.3	490.3	468.2	436.5	423.9	398.6	398.6
80°	164.5	173.9	123.4	205.6	367.0	367.0	348.0	325.8	303.7	291.1	291.1
82.5°	110.7	110.7	91.7	129.7	249.9	240.4	227.8	221.4	208.8	202.5	202.5
85°	50.6	63.3	56.9	79.1	136.0	142.4	142.4	136.0	132.8	126.6	129.7
87.5°	15.8	28.5	34.8	44.3	69.6	72.7	75.9	75.9	75.9	79.1	79.1
90°	3.8	6.9	10.0	10.7	16.9	25.1	29.3	26.0	19.5	14.7	14.7
92.5°	15.4	41.6	67.9	74.4	104.6	144.8	164.9	144.5	103.8	73.2	70.3
95°	37.0	85.0	132.9	144.9	257.2	407.1	482.0	430.2	326.4	248.5	239.8
97.5°	63.9	106.2	148.5	159.1	346.5	596.3	721.3	688.5	622.9	573.7	556.9
100°	84.8	123.1	161.4	171.1	379.0	656.3	794.9	797.3	802.1	805.6	785.6
102.5°	102.5	138.3	174.0	183.0	393.9	675.1	815.7	857.5	941.1	1003.7	986.6
105°	132.5	162.8	193.2	200.8	405.0	677.3	813.4	907.0	1094.4	1234.9	1225.7
107.5°	163.4	191.6	219.8	226.9	407.0	647.1	767.1	897.8	1159.1	1355.1	1357.4
110°	184.1	209.7	235.3	241.6	404.0	620.4	728.6	874.7	1166.8	1385.9	1395.5

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	204.6	228.9	253.2	259.3	404.1	597.1	693.6	843.0	1142.0	1366.3	1381.0
115°	235.5	257.9	280.3	285.9	407.8	570.4	651.6	795.6	1083.6	1299.6	1320.0
117.5°	265.8	286.2	306.6	311.7	415.4	553.5	622.6	752.6	1012.6	1207.5	1230.2
120°	283.6	302.8	322.0	326.8	421.6	547.9	611.1	729.8	967.3	1145.5	1167.4
122.5°	300.9	320.2	339.6	344.4	430.3	544.9	602.2	709.2	923.1	1083.5	1105.2
125°	327.5	345.1	362.8	367.2	442.3	542.5	592.6	683.5	865.2	1001.4	1021.4
127.5°	349.1	366.9	384.6	389.1	454.3	541.1	584.5	662.5	818.5	935.5	952.4
130°	360.6	379.8	399.0	403.8	463.0	541.9	581.4	650.8	789.7	893.9	909.5
132.5°	372.6	391.7	411.0	415.8	470.1	542.5	578.8	640.9	765.2	858.4	872.4
135°	390.3	407.8	425.2	429.6	477.7	541.9	574.1	626.2	730.3	808.3	820.4
137.5°	408.5	425.8	443.1	447.4	489.3	545.3	573.3	617.4	705.4	771.4	781.2
140°	423.4	439.4	455.3	459.3	496.4	545.9	570.6	608.7	684.7	741.7	750.8
142.5°	435.0	449.7	464.5	468.1	502.3	547.8	570.6	604.0	670.8	720.9	728.9
145°	452.8	465.6	478.5	481.7	510.1	547.9	566.8	594.1	648.8	689.7	695.7
147.5°	470.4	483.0	495.5	498.6	521.3	551.7	566.8	588.3	631.2	663.5	668.4
150°	482.0	493.3	504.6	507.5	527.3	553.6	566.8	584.9	621.3	648.5	652.5
152.5°	494.0	502.6	511.1	513.2	531.1	554.9	566.8	582.3	613.3	636.5	639.6
155°	511.7	518.0	524.4	526.0	539.6	557.7	566.8	579.1	603.7	622.2	624.3
157.5°	524.7	530.9	537.1	538.7	548.0	560.5	566.8	576.3	595.5	609.9	611.3
160°	533.6	538.5	543.3	544.5	551.9	561.9	566.8	575.0	591.4	603.7	604.6
162.5°	542.5	546.1	549.7	550.6	556.1	563.3	566.8	573.7	587.6	598.0	598.8
165°	552.1	555.4	558.6	559.4	561.9	565.1	566.8	571.8	581.7	589.1	590.0
167.5°	561.0	562.5	564.1	564.5	566.5	569.2	570.6	573.9	580.5	585.3	585.7
170°	566.8	568.3	569.9	570.3	570.4	570.5	570.6	573.9	580.5	585.3	585.3
172.5°	569.9	570.3	570.5	570.6	570.6	570.6	570.6	573.3	578.4	582.2	581.9
175°	574.1	574.1	574.1	574.1	573.0	571.4	570.6	572.2	575.5	577.9	577.9
177.5°	574.1	574.1	574.1	574.1	573.2	571.9	571.4	572.7	575.2	577.2	576.8
180°	574.1	574.1	574.1	574.1	574.1	574.1	574.1	574.1	574.1	574.1	574.1

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6
2.5°	3429.1	3419.5	3429.1	3422.7	3425.9	3416.4	3387.9	3378.4	3387.9	3397.4	3397.4
5°	3470.2	3463.8	3470.2	3470.2	3467.0	3460.7	3429.1	3422.7	3429.1	3432.1	3425.9
7.5°	3482.8	3473.3	3482.8	3476.5	3476.5	3470.2	3438.5	3432.1	3435.3	3444.9	3435.3
10°	3482.8	3473.3	3482.8	3479.6	3476.5	3470.2	3438.5	3425.9	3425.9	3435.3	3425.9
12.5°	3467.0	3460.7	3467.0	3460.7	3460.7	3454.3	3422.7	3410.1	3413.2	3416.4	3403.7
15°	3441.7	3432.1	3441.7	3435.3	3438.5	3429.1	3394.2	3381.6	3381.6	3387.9	3365.8
17.5°	3403.7	3391.0	3403.7	3400.6	3397.4	3391.0	3359.4	3346.8	3343.6	3346.8	3330.9
20°	3359.4	3349.9	3359.4	3356.2	3356.2	3343.6	3311.9	3296.1	3296.1	3296.1	3280.4
22.5°	3289.8	3280.4	3289.8	3296.1	3296.1	3293.0	3264.6	3242.4	3236.0	3236.0	3217.1
25°	3210.7	3201.3	3210.7	3210.7	3207.6	3210.7	3201.3	3188.7	3179.1	3169.6	3150.6
27.5°	3134.8	3128.5	3134.8	3128.5	3134.8	3125.4	3122.2	3119.0	3106.4	3096.9	3071.5
30°	3058.9	3052.6	3058.9	3052.6	3046.3	3039.9	3024.1	3017.8	3030.4	3024.1	2983.0
32.5°	2964.0	2957.7	2964.0	2964.0	2957.7	2957.7	2932.4	2922.9	2926.1	2945.1	2907.1
35°	2866.0	2856.5	2866.0	2862.8	2866.0	2856.5	2840.7	2837.5	2824.9	2846.9	2818.5
37.5°	2752.1	2742.6	2752.1	2752.1	2752.1	2758.4	2745.8	2736.3	2717.3	2745.8	2723.6
40°	2635.0	2622.4	2635.0	2631.9	2635.0	2641.4	2635.0	2628.7	2609.7	2631.9	2612.9
42.5°	2502.2	2499.0	2502.2	2505.3	2505.3	2518.0	2527.4	2514.8	2508.5	2492.7	2505.3
45°	2359.9	2353.5	2359.9	2366.1	2369.3	2375.6	2404.2	2404.2	2394.6	2369.3	2388.3
47.5°	2208.0	2192.2	2208.0	2226.9	2226.9	2236.5	2264.9	2287.0	2271.2	2239.6	2249.1
50°	2046.6	2049.8	2046.6	2059.3	2059.3	2094.1	2116.3	2138.4	2154.2	2116.3	2072.0
52.5°	1888.5	1885.3	1888.5	1898.0	1910.6	1926.4	1964.4	1986.5	2011.9	1989.7	1920.2
55°	1730.3	1736.7	1730.3	1733.5	1739.9	1749.3	1806.2	1828.4	1875.9	1847.4	1774.6
57.5°	1572.2	1562.6	1572.2	1578.5	1581.6	1591.2	1638.6	1679.8	1708.2	1711.4	1622.7
60°	1388.7	1376.1	1388.7	1417.2	1423.5	1429.8	1474.1	1512.1	1537.4	1546.8	1455.2
62.5°	1227.4	1205.2	1227.4	1246.3	1259.0	1274.8	1306.4	1363.4	1385.5	1388.7	1259.0
65°	1056.5	1047.1	1056.5	1094.5	1097.6	1116.6	1151.5	1192.6	1240.0	1233.7	1047.1
67.5°	901.5	901.5	901.5	926.9	945.8	955.4	999.6	1018.5	1078.7	1085.0	873.1
70°	759.2	756.0	759.2	778.1	790.9	813.0	854.1	876.2	923.7	939.5	708.6
72.5°	623.2	620.0	623.2	639.0	651.7	670.7	705.4	730.8	771.9	790.9	550.4
75°	503.0	496.6	503.0	515.6	512.5	537.7	566.2	591.6	629.5	642.1	408.1
77.5°	385.9	385.9	385.9	398.6	398.6	423.9	436.5	468.2	490.3	509.3	300.5
80°	287.9	284.7	287.9	291.1	291.1	303.7	325.8	348.0	367.0	367.0	205.6
82.5°	202.5	196.1	202.5	202.5	202.5	208.8	221.4	227.8	240.4	249.9	129.7
85°	126.6	126.6	126.6	129.7	126.6	132.8	136.0	142.4	142.4	136.0	79.1
87.5°	82.3	79.1	82.3	79.1	79.1	75.9	75.9	75.9	72.7	69.6	44.3
90°	14.7	14.7	14.7	14.7	14.7	19.5	26.0	29.3	25.1	16.9	10.7
92.5°	58.6	47.0	58.6	70.3	73.2	103.8	144.5	164.9	144.8	104.6	74.4
95°	204.4	169.2	204.4	239.8	248.5	326.4	430.2	482.0	407.1	257.2	144.9
97.5°	489.8	422.7	489.8	556.9	573.7	622.9	688.5	721.3	596.3	346.5	159.1
100°	705.7	625.7	705.7	785.6	805.6	802.1	797.3	794.9	656.3	379.0	171.1
102.5°	918.1	849.6	918.1	986.6	1003.7	941.1	857.5	815.7	675.1	393.9	183.0
105°	1188.9	1152.0	1188.9	1225.7	1234.9	1094.4	907.0	813.4	677.3	405.0	200.8
107.5°	1366.3	1375.1	1366.3	1357.4	1355.1	1159.1	897.8	767.1	647.1	407.0	226.9
110°	1433.8	1472.3	1433.8	1395.5	1385.9	1166.8	874.7	728.6	620.4	404.0	241.6

TEST NUMBER: P934547

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1439.9	1498.8	1439.9	1381.0	1366.3	1142.0	843.0	693.6	597.1	404.1	259.3
115°	1401.7	1483.4	1401.7	1320.0	1299.6	1083.6	795.6	651.6	570.4	407.8	285.9
117.5°	1320.8	1411.4	1320.8	1230.2	1207.5	1012.6	752.6	622.6	553.5	415.4	311.7
120°	1255.5	1343.5	1255.5	1167.4	1145.5	967.3	729.8	611.1	547.9	421.6	326.8
122.5°	1192.0	1278.9	1192.0	1105.2	1083.5	923.1	709.2	602.2	544.9	430.3	344.4
125°	1101.4	1181.4	1101.4	1021.4	1001.4	865.2	683.5	592.6	542.5	442.3	367.2
127.5°	1019.9	1087.3	1019.9	952.4	935.5	818.5	662.5	584.5	541.1	454.3	389.1
130°	971.8	1034.2	971.8	909.5	893.9	789.7	650.8	581.4	541.9	463.0	403.8
132.5°	928.3	984.1	928.3	872.4	858.4	765.2	640.9	578.8	542.5	470.1	415.8
135°	868.5	916.7	868.5	820.4	808.3	730.3	626.2	574.1	541.9	477.7	429.6
137.5°	820.7	860.0	820.7	781.2	771.4	705.4	617.4	573.3	545.3	489.3	447.4
140°	787.7	824.5	787.7	750.8	741.7	684.7	608.7	570.6	545.9	496.4	459.3
142.5°	760.5	792.2	760.5	728.9	720.9	670.8	604.0	570.6	547.8	502.3	468.1
145°	719.7	743.7	719.7	695.7	689.7	648.8	594.1	566.8	547.9	510.1	481.7
147.5°	688.3	708.2	688.3	668.4	663.5	631.2	588.3	566.8	551.7	521.3	498.6
150°	668.6	684.7	668.6	652.5	648.5	621.3	584.9	566.8	553.6	527.3	507.5
152.5°	651.8	663.9	651.8	639.6	636.5	613.3	582.3	566.8	554.9	531.1	513.2
155°	632.3	640.4	632.3	624.3	622.2	603.7	579.1	566.8	557.7	539.6	526.0
157.5°	617.0	622.6	617.0	611.3	609.9	595.5	576.3	566.8	560.5	548.0	538.7
160°	607.8	611.1	607.8	604.6	603.7	591.4	575.0	566.8	561.9	551.9	544.5
162.5°	601.9	604.9	601.9	598.8	598.0	587.6	573.7	566.8	563.3	556.1	550.6
165°	593.2	596.4	593.2	590.0	589.1	581.7	571.8	566.8	565.1	561.9	559.4
167.5°	587.0	588.4	587.0	585.7	585.3	580.5	573.9	570.6	569.2	566.5	564.5
170°	585.3	585.3	585.3	585.3	585.3	580.5	573.9	570.6	570.5	570.4	570.3
172.5°	580.7	579.5	580.7	581.9	582.2	578.4	573.3	570.6	570.6	570.6	570.6
175°	577.9	577.9	577.9	577.9	577.9	575.5	572.2	570.6	571.4	573.0	574.1
177.5°	575.5	574.1	575.5	576.8	577.2	575.2	572.7	571.4	571.9	573.2	574.1
180°	574.1	574.1	574.1	574.1	574.1	574.1	574.1	574.1	574.1	574.1	574.1

TEST NUMBER: P934547

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6
2.5°	3391.0	3372.0	3372.0	3340.5	3327.8	3318.3	3302.5	3255.0	3242.4	3229.7	3248.8
5°	3419.5	3384.8	3359.4	3302.5	3255.0	3236.0	3175.9	3062.1	2986.2	2929.2	2897.6
7.5°	3425.9	3381.6	3334.1	3245.6	3131.6	3081.1	2897.6	2688.8	2631.9	2581.3	2549.6
10°	3419.5	3369.0	3302.5	3169.6	2900.8	2812.2	2628.7	2492.7	2457.9	2448.4	2457.9
12.5°	3397.4	3349.9	3258.2	3036.8	2660.4	2600.3	2492.7	2413.6	2407.2	2423.1	2508.5
15°	3359.4	3315.1	3207.6	2859.6	2527.4	2483.2	2407.2	2378.8	2413.6	2524.4	2780.6
17.5°	3321.5	3270.8	3138.0	2685.7	2426.2	2394.6	2340.9	2397.8	2593.9	2742.6	2828.0
20°	3270.8	3210.7	3058.9	2559.1	2353.5	2325.0	2299.8	2556.0	2704.7	2758.4	2805.9
22.5°	3210.7	3147.5	2951.3	2470.5	2277.6	2255.4	2271.2	2644.6	2704.7	2742.6	2783.7
25°	3131.6	3077.9	2824.9	2401.0	2217.5	2192.2	2252.3	2635.0	2669.8	2679.3	2761.6
27.5°	3058.9	2989.3	2692.0	2337.7	2144.7	2135.2	2268.1	2593.9	2619.2	2628.7	2717.3
30°	2970.3	2866.0	2543.3	2271.2	2068.8	2065.6	2271.2	2543.3	2537.0	2562.3	2650.8
32.5°	2878.6	2682.5	2375.6	2189.0	1996.1	1992.9	2249.1	2467.3	2461.1	2495.9	2562.3
35°	2793.2	2540.2	2147.9	2094.1	1904.3	1907.5	2195.3	2378.8	2382.0	2413.6	2454.7
37.5°	2704.7	2416.8	1898.0	1989.7	1815.8	1815.8	2122.5	2296.6	2290.2	2299.8	2356.7
40°	2600.3	2223.8	1676.6	1853.7	1733.5	1724.0	2034.0	2208.0	2185.8	2182.7	2261.8
42.5°	2489.5	2011.9	1512.1	1673.4	1638.6	1625.9	1926.4	2100.5	2059.3	2068.8	2170.0
45°	2369.3	1954.9	1385.5	1414.0	1540.5	1531.0	1809.4	1977.1	1948.6	1973.9	2078.3
47.5°	2249.1	1841.0	1344.4	1173.6	1436.2	1433.0	1679.8	1856.9	1841.0	1866.3	1977.1
50°	2084.6	1714.5	1341.2	1005.9	1319.1	1331.8	1524.7	1739.9	1739.9	1761.9	1879.0
52.5°	1872.7	1559.5	1217.8	911.1	1183.1	1221.0	1388.7	1638.6	1644.9	1667.0	1771.5
55°	1679.8	1398.2	1129.3	838.2	1021.7	1104.0	1255.9	1534.2	1546.8	1569.0	1663.9
57.5°	1502.5	1164.1	1110.3	752.9	873.1	952.2	1138.8	1433.0	1439.3	1458.3	1550.0
60°	1312.8	841.4	1018.5	661.1	743.4	803.5	1031.3	1312.8	1334.9	1347.6	1426.6
62.5°	1097.6	610.5	923.7	597.8	680.1	692.8	942.7	1198.9	1227.4	1236.9	1284.3
65°	781.3	512.5	784.5	544.1	613.6	616.8	847.8	1081.8	1107.2	1123.0	1157.7
67.5°	528.3	417.5	597.8	493.4	563.1	566.2	756.0	945.8	980.6	993.3	1015.5
70°	367.0	278.4	442.9	439.7	506.1	512.5	657.9	822.4	854.1	863.6	876.2
72.5°	268.9	224.6	367.0	395.4	446.0	452.4	556.7	683.3	714.9	724.4	730.8
75°	205.6	237.2	297.3	344.8	379.6	382.8	455.5	556.7	578.9	585.2	588.4
77.5°	164.5	221.4	218.3	278.4	310.0	303.7	357.4	430.2	449.2	449.2	449.2
80°	123.4	173.9	164.5	199.3	227.8	221.4	256.2	306.9	313.1	319.5	316.3
82.5°	91.7	110.7	110.7	126.6	151.8	145.5	170.9	199.3	199.3	199.3	205.6
85°	56.9	63.3	50.6	66.5	85.4	82.3	94.9	107.6	110.7	110.7	104.4
87.5°	34.8	28.5	15.8	25.3	37.9	37.9	44.3	47.5	44.3	44.3	44.3
90°	10.0	6.9	3.8	6.9	10.0	10.7	16.9	25.1	29.3	26.0	19.5
92.5°	67.9	41.6	15.4	41.6	67.9	74.4	104.6	144.8	164.9	144.5	103.8
95°	132.9	85.0	37.0	85.0	132.9	144.9	257.2	407.1	482.0	430.2	326.4
97.5°	148.5	106.2	63.9	106.2	148.5	159.1	346.5	596.3	721.3	688.5	622.9
100°	161.4	123.1	84.8	123.1	161.4	171.1	379.0	656.3	794.9	797.3	802.1
102.5°	174.0	138.3	102.5	138.3	174.0	183.0	393.9	675.1	815.7	857.5	941.1
105°	193.2	162.8	132.5	162.8	193.2	200.8	405.0	677.3	813.4	907.0	1094.4
107.5°	219.8	191.6	163.4	191.6	219.8	226.9	407.0	647.1	767.1	897.8	1159.1
110°	235.3	209.7	184.1	209.7	235.3	241.6	404.0	620.4	728.6	874.7	1166.8

TEST NUMBER: P934547

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	253.2	228.9	204.6	228.9	253.2	259.3	404.1	597.1	693.6	843.0	1142.0
115°	280.3	257.9	235.5	257.9	280.3	285.9	407.8	570.4	651.6	795.6	1083.6
117.5°	306.6	286.2	265.8	286.2	306.6	311.7	415.4	553.5	622.6	752.6	1012.6
120°	322.0	302.8	283.6	302.8	322.0	326.8	421.6	547.9	611.1	729.8	967.3
122.5°	339.6	320.2	300.9	320.2	339.6	344.4	430.3	544.9	602.2	709.2	923.1
125°	362.8	345.1	327.5	345.1	362.8	367.2	442.3	542.5	592.6	683.5	865.2
127.5°	384.6	366.9	349.1	366.9	384.6	389.1	454.3	541.1	584.5	662.5	818.5
130°	399.0	379.8	360.6	379.8	399.0	403.8	463.0	541.9	581.4	650.8	789.7
132.5°	411.0	391.7	372.6	391.7	411.0	415.8	470.1	542.5	578.8	640.9	765.2
135°	425.2	407.8	390.3	407.8	425.2	429.6	477.7	541.9	574.1	626.2	730.3
137.5°	443.1	425.8	408.5	425.8	443.1	447.4	489.3	545.3	573.3	617.4	705.4
140°	455.3	439.4	423.4	439.4	455.3	459.3	496.4	545.9	570.6	608.7	684.7
142.5°	464.5	449.7	435.0	449.7	464.5	468.1	502.3	547.8	570.6	604.0	670.8
145°	478.5	465.6	452.8	465.6	478.5	481.7	510.1	547.9	566.8	594.1	648.8
147.5°	495.5	483.0	470.4	483.0	495.5	498.6	521.3	551.7	566.8	588.3	631.2
150°	504.6	493.3	482.0	493.3	504.6	507.5	527.3	553.6	566.8	584.9	621.3
152.5°	511.1	502.6	494.0	502.6	511.1	513.2	531.1	554.9	566.8	582.3	613.3
155°	524.4	518.0	511.7	518.0	524.4	526.0	539.6	557.7	566.8	579.1	603.7
157.5°	537.1	530.9	524.7	530.9	537.1	538.7	548.0	560.5	566.8	576.3	595.5
160°	543.3	538.5	533.6	538.5	543.3	544.5	551.9	561.9	566.8	575.0	591.4
162.5°	549.7	546.1	542.5	546.1	549.7	550.6	556.1	563.3	566.8	573.7	587.6
165°	558.6	555.4	552.1	555.4	558.6	559.4	561.9	565.1	566.8	571.8	581.7
167.5°	564.1	562.5	561.0	562.5	564.1	564.5	566.5	569.2	570.6	573.9	580.5
170°	569.9	568.3	566.8	568.3	569.9	570.3	570.4	570.5	570.6	573.9	580.5
172.5°	570.5	570.3	569.9	570.3	570.5	570.6	570.6	570.6	570.6	573.3	578.4
175°	574.1	574.1	574.1	574.1	574.1	574.1	573.0	571.4	570.6	572.2	575.5
177.5°	574.1	574.1	574.1	574.1	574.1	574.1	573.2	571.9	571.4	572.7	575.2
180°	574.1	574.1	574.1	574.1	574.1	574.1	574.1	574.1	574.1	574.1	574.1

TEST NUMBER: P934547

CATALOG NUMBER: SQ4-FA-050U-125D-92765-1D-UNV-STD-W-8-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6	3343.6
2.5°	3226.6	3217.1	3229.7	3194.9	3229.7	3217.1	3226.6	3248.8	3229.7	3242.4	3255.0
5°	2831.1	2815.3	2764.8	2723.6	2764.8	2815.3	2831.1	2897.6	2929.2	2986.2	3062.1
7.5°	2530.6	2518.0	2505.3	2480.1	2505.3	2518.0	2530.6	2549.6	2581.3	2631.9	2688.8
10°	2464.3	2467.3	2486.3	2483.2	2486.3	2467.3	2464.3	2457.9	2448.4	2457.9	2492.7
12.5°	2635.0	2663.5	2767.9	2761.6	2767.9	2663.5	2635.0	2508.5	2423.1	2407.2	2413.6
15°	2831.1	2840.7	2862.8	2866.0	2862.8	2840.7	2831.1	2780.6	2524.4	2413.6	2378.8
17.5°	2850.1	2853.3	2869.1	2869.1	2869.1	2853.3	2850.1	2828.0	2742.6	2593.9	2397.8
20°	2834.3	2840.7	2872.3	2878.6	2872.3	2840.7	2834.3	2805.9	2758.4	2704.7	2556.0
22.5°	2828.0	2840.7	2866.0	2862.8	2866.0	2840.7	2828.0	2783.7	2742.6	2704.7	2644.6
25°	2796.4	2796.4	2799.5	2802.7	2799.5	2796.4	2796.4	2761.6	2679.3	2669.8	2635.0
27.5°	2729.9	2736.3	2755.2	2752.1	2755.2	2736.3	2729.9	2717.3	2628.7	2619.2	2593.9
30°	2669.8	2663.5	2647.6	2635.0	2647.6	2663.5	2669.8	2650.8	2562.3	2537.0	2543.3
32.5°	2568.6	2552.8	2537.0	2527.4	2537.0	2552.8	2568.6	2562.3	2495.9	2461.1	2467.3
35°	2448.4	2451.5	2448.4	2438.9	2448.4	2451.5	2448.4	2454.7	2413.6	2382.0	2378.8
37.5°	2363.0	2369.3	2366.1	2353.5	2366.1	2369.3	2363.0	2356.7	2299.8	2290.2	2296.6
40°	2274.4	2277.6	2274.4	2264.9	2274.4	2277.6	2274.4	2261.8	2182.7	2185.8	2208.0
42.5°	2189.0	2185.8	2176.4	2170.0	2176.4	2185.8	2189.0	2170.0	2068.8	2059.3	2100.5
45°	2090.9	2094.1	2075.1	2065.6	2075.1	2094.1	2090.9	2078.3	1973.9	1948.6	1977.1
47.5°	1992.9	1992.9	1977.1	1967.6	1977.1	1992.9	1992.9	1977.1	1866.3	1841.0	1856.9
50°	1888.5	1885.3	1863.1	1860.1	1863.1	1885.3	1888.5	1879.0	1761.9	1739.9	1739.9
52.5°	1768.3	1768.3	1771.5	1777.8	1771.5	1768.3	1768.3	1771.5	1667.0	1644.9	1638.6
55°	1663.9	1667.0	1689.2	1695.6	1689.2	1667.0	1663.9	1663.9	1569.0	1546.8	1534.2
57.5°	1556.4	1556.4	1572.2	1572.2	1572.2	1556.4	1556.4	1550.0	1458.3	1439.3	1433.0
60°	1433.0	1439.3	1452.0	1448.8	1452.0	1439.3	1433.0	1426.6	1347.6	1334.9	1312.8
62.5°	1303.3	1309.6	1312.8	1306.4	1312.8	1309.6	1303.3	1284.3	1236.9	1227.4	1198.9
65°	1167.3	1173.6	1176.8	1170.4	1176.8	1173.6	1167.3	1157.7	1123.0	1107.2	1081.8
67.5°	1028.1	1024.9	1021.7	1034.4	1021.7	1024.9	1028.1	1015.5	993.3	980.6	945.8
70°	885.7	885.7	882.5	888.9	882.5	885.7	885.7	876.2	863.6	854.1	822.4
72.5°	733.9	730.8	743.4	733.9	743.4	730.8	733.9	730.8	724.4	714.9	683.3
75°	585.2	591.6	585.2	594.7	585.2	591.6	585.2	588.4	585.2	578.9	556.7
77.5°	446.0	452.4	446.0	446.0	446.0	452.4	446.0	449.2	449.2	449.2	430.2
80°	316.3	313.1	313.1	310.0	313.1	313.1	316.3	316.3	319.5	313.1	306.9
82.5°	202.5	199.3	199.3	205.6	199.3	199.3	202.5	205.6	199.3	199.3	199.3
85°	110.7	113.8	107.6	107.6	107.6	113.8	110.7	104.4	110.7	110.7	107.6
87.5°	41.1	37.9	37.9	37.9	37.9	37.9	41.1	44.3	44.3	44.3	47.5
90°	14.7	14.7	14.7	14.7	14.7	14.7	14.7	19.5	26.0	29.3	25.1
92.5°	73.2	70.3	58.6	47.0	58.6	70.3	73.2	103.8	144.5	164.9	144.8
95°	248.5	239.8	204.4	169.2	204.4	239.8	248.5	326.4	430.2	482.0	407.1
97.5°	573.7	556.9	489.8	422.7	489.8	556.9	573.7	622.9	688.5	721.3	596.3
100°	805.6	785.6	705.7	625.7	705.7	785.6	805.6	802.1	797.3	794.9	656.3
102.5°	1003.7	986.6	918.1	849.6	918.1	986.6	1003.7	941.1	857.5	815.7	675.1
105°	1234.9	1225.7	1188.9	1152.0	1188.9	1225.7	1234.9	1094.4	907.0	813.4	677.3
107.5°	1355.1	1357.4	1366.3	1375.1	1366.3	1357.4	1355.1	1159.1	897.8	767.1	647.1
110°	1385.9	1395.5	1433.8	1472.3	1433.8	1395.5	1385.9	1166.8	874.7	728.6	620.4

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1366.3	1381.0	1439.9	1498.8	1439.9	1381.0	1366.3	1142.0	843.0	693.6	597.1
115°	1299.6	1320.0	1401.7	1483.4	1401.7	1320.0	1299.6	1083.6	795.6	651.6	570.4
117.5°	1207.5	1230.2	1320.8	1411.4	1320.8	1230.2	1207.5	1012.6	752.6	622.6	553.5
120°	1145.5	1167.4	1255.5	1343.5	1255.5	1167.4	1145.5	967.3	729.8	611.1	547.9
122.5°	1083.5	1105.2	1192.0	1278.9	1192.0	1105.2	1083.5	923.1	709.2	602.2	544.9
125°	1001.4	1021.4	1101.4	1181.4	1101.4	1021.4	1001.4	865.2	683.5	592.6	542.5
127.5°	935.5	952.4	1019.9	1087.3	1019.9	952.4	935.5	818.5	662.5	584.5	541.1
130°	893.9	909.5	971.8	1034.2	971.8	909.5	893.9	789.7	650.8	581.4	541.9
132.5°	858.4	872.4	928.3	984.1	928.3	872.4	858.4	765.2	640.9	578.8	542.5
135°	808.3	820.4	868.5	916.7	868.5	820.4	808.3	730.3	626.2	574.1	541.9
137.5°	771.4	781.2	820.7	860.0	820.7	781.2	771.4	705.4	617.4	573.3	545.3
140°	741.7	750.8	787.7	824.5	787.7	750.8	741.7	684.7	608.7	570.6	545.9
142.5°	720.9	728.9	760.5	792.2	760.5	728.9	720.9	670.8	604.0	570.6	547.8
145°	689.7	695.7	719.7	743.7	719.7	695.7	689.7	648.8	594.1	566.8	547.9
147.5°	663.5	668.4	688.3	708.2	688.3	668.4	663.5	631.2	588.3	566.8	551.7
150°	648.5	652.5	668.6	684.7	668.6	652.5	648.5	621.3	584.9	566.8	553.6
152.5°	636.5	639.6	651.8	663.9	651.8	639.6	636.5	613.3	582.3	566.8	554.9
155°	622.2	624.3	632.3	640.4	632.3	624.3	622.2	603.7	579.1	566.8	557.7
157.5°	609.9	611.3	617.0	622.6	617.0	611.3	609.9	595.5	576.3	566.8	560.5
160°	603.7	604.6	607.8	611.1	607.8	604.6	603.7	591.4	575.0	566.8	561.9
162.5°	598.0	598.8	601.9	604.9	601.9	598.8	598.0	587.6	573.7	566.8	563.3
165°	589.1	590.0	593.2	596.4	593.2	590.0	589.1	581.7	571.8	566.8	565.1
167.5°	585.3	585.7	587.0	588.4	587.0	585.7	585.3	580.5	573.9	570.6	569.2
170°	585.3	585.3	585.3	585.3	585.3	585.3	585.3	580.5	573.9	570.6	570.5
172.5°	582.2	581.9	580.7	579.5	580.7	581.9	582.2	578.4	573.3	570.6	570.6
175°	577.9	577.9	577.9	577.9	577.9	577.9	577.9	575.5	572.2	570.6	571.4
177.5°	577.2	576.8	575.5	574.1	575.5	576.8	577.2	575.2	572.7	571.4	571.9
180°	574.1	574.1	574.1	574.1	574.1	574.1	574.1	574.1	574.1	574.1	574.1

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3343.6	3343.6	3343.6	3343.6	3343.6
2.5°	3302.5	3318.3	3327.8	3340.5	3372.0
5°	3175.9	3236.0	3255.0	3302.5	3359.4
7.5°	2897.6	3081.1	3131.6	3245.6	3334.1
10°	2628.7	2812.2	2900.8	3169.6	3302.5
12.5°	2492.7	2600.3	2660.4	3036.8	3258.2
15°	2407.2	2483.2	2527.4	2859.6	3207.6
17.5°	2340.9	2394.6	2426.2	2685.7	3138.0
20°	2299.8	2325.0	2353.5	2559.1	3058.9
22.5°	2271.2	2255.4	2277.6	2470.5	2951.3
25°	2252.3	2192.2	2217.5	2401.0	2824.9
27.5°	2268.1	2135.2	2144.7	2337.7	2692.0
30°	2271.2	2065.6	2068.8	2271.2	2543.3
32.5°	2249.1	1992.9	1996.1	2189.0	2375.6
35°	2195.3	1907.5	1904.3	2094.1	2147.9
37.5°	2122.5	1815.8	1815.8	1989.7	1898.0
40°	2034.0	1724.0	1733.5	1853.7	1676.6
42.5°	1926.4	1625.9	1638.6	1673.4	1512.1
45°	1809.4	1531.0	1540.5	1414.0	1385.5
47.5°	1679.8	1433.0	1436.2	1173.6	1344.4
50°	1524.7	1331.8	1319.1	1005.9	1341.2
52.5°	1388.7	1221.0	1183.1	911.1	1217.8
55°	1255.9	1104.0	1021.7	838.2	1129.3
57.5°	1138.8	952.2	873.1	752.9	1110.3
60°	1031.3	803.5	743.4	661.1	1018.5
62.5°	942.7	692.8	680.1	597.8	923.7
65°	847.8	616.8	613.6	544.1	784.5
67.5°	756.0	566.2	563.1	493.4	597.8
70°	657.9	512.5	506.1	439.7	442.9
72.5°	556.7	452.4	446.0	395.4	367.0
75°	455.5	382.8	379.6	344.8	297.3
77.5°	357.4	303.7	310.0	278.4	218.3
80°	256.2	221.4	227.8	199.3	164.5
82.5°	170.9	145.5	151.8	126.6	110.7
85°	94.9	82.3	85.4	66.5	50.6
87.5°	44.3	37.9	37.9	25.3	15.8
90°	16.9	10.7	10.0	6.9	3.8
92.5°	104.6	74.4	67.9	41.6	15.4
95°	257.2	144.9	132.9	85.0	37.0
97.5°	346.5	159.1	148.5	106.2	63.9
100°	379.0	171.1	161.4	123.1	84.8
102.5°	393.9	183.0	174.0	138.3	102.5
105°	405.0	200.8	193.2	162.8	132.5
107.5°	407.0	226.9	219.8	191.6	163.4
110°	404.0	241.6	235.3	209.7	184.1



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	404.1	259.3	253.2	228.9	204.6
115°	407.8	285.9	280.3	257.9	235.5
117.5°	415.4	311.7	306.6	286.2	265.8
120°	421.6	326.8	322.0	302.8	283.6
122.5°	430.3	344.4	339.6	320.2	300.9
125°	442.3	367.2	362.8	345.1	327.5
127.5°	454.3	389.1	384.6	366.9	349.1
130°	463.0	403.8	399.0	379.8	360.6
132.5°	470.1	415.8	411.0	391.7	372.6
135°	477.7	429.6	425.2	407.8	390.3
137.5°	489.3	447.4	443.1	425.8	408.5
140°	496.4	459.3	455.3	439.4	423.4
142.5°	502.3	468.1	464.5	449.7	435.0
145°	510.1	481.7	478.5	465.6	452.8
147.5°	521.3	498.6	495.5	483.0	470.4
150°	527.3	507.5	504.6	493.3	482.0
152.5°	531.1	513.2	511.1	502.6	494.0
155°	539.6	526.0	524.4	518.0	511.7
157.5°	548.0	538.7	537.1	530.9	524.7
160°	551.9	544.5	543.3	538.5	533.6
162.5°	556.1	550.6	549.7	546.1	542.5
165°	561.9	559.4	558.6	555.4	552.1
167.5°	566.5	564.5	564.1	562.5	561.0
170°	570.4	570.3	569.9	568.3	566.8
172.5°	570.6	570.6	570.5	570.3	569.9
175°	573.0	574.1	574.1	574.1	574.1
177.5°	573.2	574.1	574.1	574.1	574.1
180°	574.1	574.1	574.1	574.1	574.1

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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	16.00	17.07	16.76	17.86	18.82	18.84	19.91	19.60	20.70	21.65
	3H	16.49	17.46	17.27	18.25	19.24	20.20	21.17	20.98	21.96	22.95
	4H	16.69	17.60	17.49	18.41	19.40	20.66	21.57	21.45	22.37	23.37
	6H	16.82	17.66	17.63	18.48	19.49	20.96	21.79	21.76	22.61	23.62
	8H	16.83	17.63	17.65	18.46	19.47	21.04	21.84	21.85	22.67	23.68
	12H	16.81	17.57	17.63	18.40	19.44	21.08	21.85	21.91	22.67	23.71
4H	2H	17.06	17.97	17.86	18.78	19.77	19.27	20.18	20.07	20.99	21.98
	3H	18.11	18.87	18.92	19.70	20.72	20.80	21.56	21.61	22.40	23.41
	4H	18.39	19.08	19.22	19.92	20.96	21.34	22.03	22.16	22.87	23.91
	6H	18.53	19.13	19.37	19.99	21.03	21.72	22.31	22.56	23.18	24.22
	8H	18.54	19.10	19.39	19.95	21.01	21.83	22.39	22.68	23.25	24.30
	12H	18.52	19.02	19.38	19.90	20.96	21.90	22.40	22.77	23.28	24.34
8H	4H	18.86	19.42	19.71	20.28	21.34	21.48	22.04	22.33	22.90	23.95
	6H	19.13	19.60	20.01	20.50	21.55	21.93	22.39	22.80	23.29	24.35
	8H	19.18	19.59	20.06	20.48	21.56	22.08	22.49	22.97	23.39	24.46
	12H	19.17	19.53	20.06	20.42	21.55	22.19	22.55	23.08	23.44	24.57
12H	4H	18.88	19.38	19.75	20.26	21.32	21.45	21.96	22.32	22.83	23.90
	6H	19.20	19.61	20.08	20.50	21.58	21.93	22.34	22.81	23.23	24.31
	8H	19.27	19.63	20.16	20.52	21.65	22.10	22.46	22.99	23.35	24.47