

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: P934949

Luminaire Tested: SQ4-FA-075U-125D-930-1D-UNV-STD-W-12

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934949
REPORT IS A COMBINATION OF REPORTS P933717 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-075U-125D-930-1D-UNV-STD-W-12
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

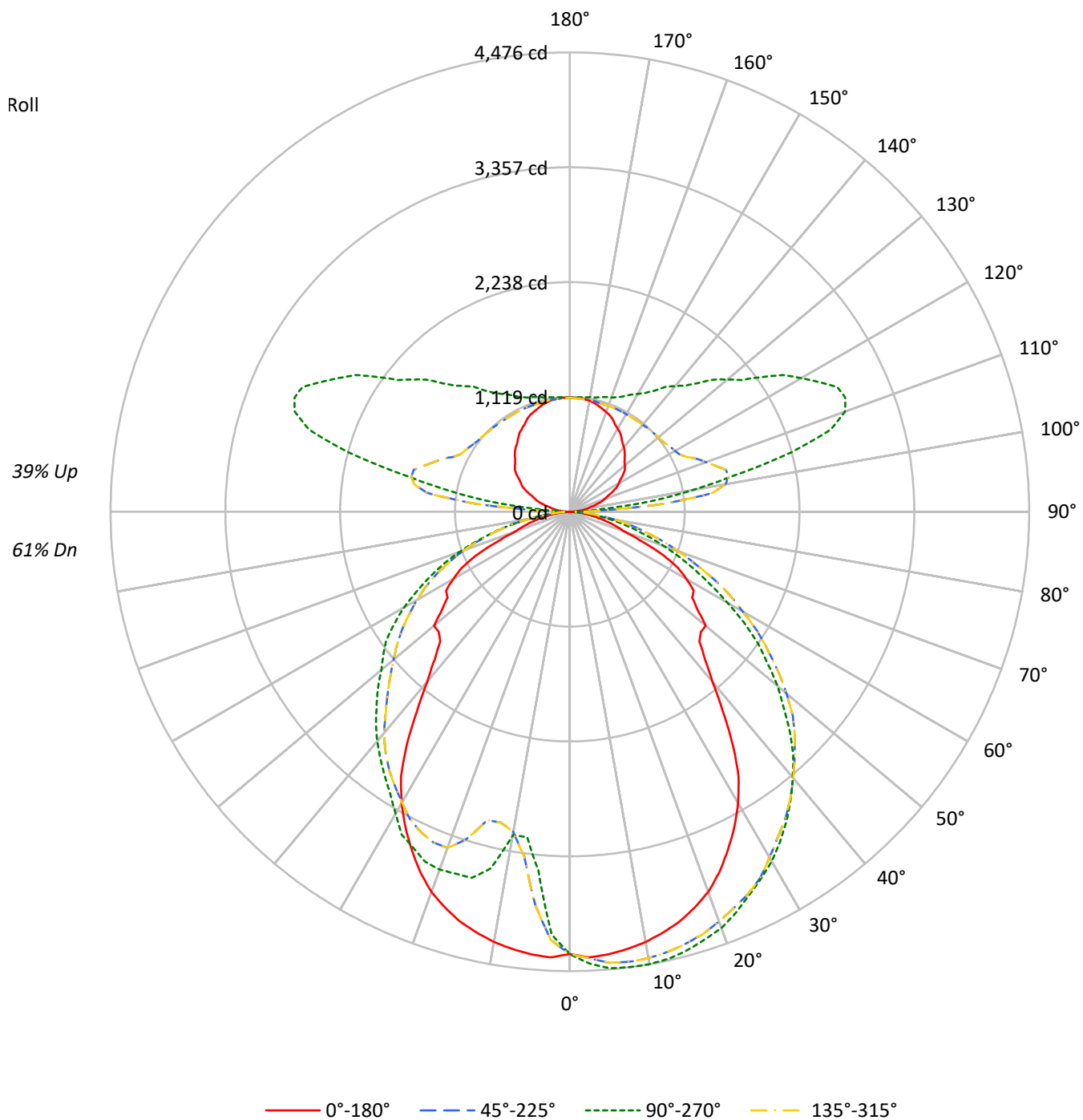
Lumens per Lamp: N/A
Luminaire Lumens: 18389.5 lumens
Efficiency: N/A
Efficacy: 98.9 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 186
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
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
RCR																	
0	110	110	110	110	103	103	103	103	89	89	89	77	77	77	66	66	66
1	100	96	92	88	94	90	86	83	79	76	74	68	66	65	59	57	56
2	91	84	78	72	85	79	73	68	69	65	61	60	57	54	52	49	47
3	83	74	66	60	78	69	63	57	61	56	51	53	49	46	46	43	40
4	76	65	57	51	71	61	54	49	54	48	44	47	43	39	41	37	35
5	70	58	50	44	65	55	47	42	48	42	38	42	38	34	37	33	30
6	65	52	44	38	60	49	42	36	44	37	33	38	33	30	33	29	26
7	60	47	39	33	56	45	37	32	39	33	29	35	30	26	30	26	23
8	55	43	35	29	52	40	33	28	36	30	26	32	27	23	28	24	21
9	52	39	31	26	48	37	30	25	33	27	23	29	24	21	26	22	19
10	48	36	29	24	45	34	27	23	30	25	21	27	22	19	24	20	17

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	13328	13328	13328	13328
5°	13432	13454	13432	10579
10°	13347	13252	13347	9474
15°	13207	12965	13207	10826
20°	12936	12625	12936	10849
25°	12376	12129	12376	10619
30°	11650	11717	11650	10114
35°	10391	11196	10391	9560
40°	8663	10583	8663	9140
45°	7746	9865	7746	8658
50°	8236	9009	8236	8175
55°	7756	8086	7756	7895
60°	8005	6868	8005	7231
65°	7269	5678	7269	6346
70°	5046	4525	5046	5320
75°	4441	3344	4441	4005
80°	3606	2211	3606	2408
85°	2113	1171	2113	995

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 11864 cd/sqm

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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	389.0	2.1
10°-20°	1104.3	6.0
20°-30°	1707.1	9.3
30°-40°	2037.9	11.1
40°-50°	2049.9	11.1
50°-60°	1783.6	9.7
60°-70°	1264.7	6.9
70°-80°	669.1	3.6
80°-90°	170.9	0.9
90°-100°	542.4	2.9
100°-110°	1426.0	7.8
110°-120°	1478.5	8.0
120°-130°	1186.0	6.4
130°-140°	930.6	5.1
140°-150°	714.3	3.9
150°-160°	514.4	2.8
160°-170°	314.7	1.7
170°-180°	106.3	0.6
0°-30°	3200.4	17.4
0°-40°	5238.3	28.5
0°-60°	9071.8	49.3
0°-90°	11176.4	60.8
90°-120°	3446.9	18.7
90°-150°	6277.7	34.1
90°-180°	7213.0	39.2
0°-180°	18389.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4309	4309	4309	4309	4309	
5°	4329	4464	4329	3510	4329	411
15°	4134	4423	4134	3693	4134	1163
25°	3640	4125	3640	3612	3640	1671
35°	2768	3681	2768	3143	2768	1712
45°	1786	3033	1786	2662	1786	1430
55°	1455	2238	1455	2185	1455	1337
65°	1011	1349	1011	1508	1011	966
75°	383	640	383	766	383	403
85°	65	163	65	139	65	88
90°	8	28	8	28	8	9
95°	72	328	72	328	72	80
105°	257	2233	257	2233	257	272
115°	456	2875	456	2875	456	451
125°	635	2290	635	2290	635	564
135°	756	1777	756	1777	756	585
145°	877	1441	877	1441	877	550
155°	992	1241	992	1241	992	456
165°	1070	1156	1070	1156	1070	302
175°	1113	1120	1113	1120	1113	106
180°	1113	1113	1113	1113	1113	

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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9
2.5°	4345.6	4345.6	4370.0	4378.2	4378.2	4365.9	4353.7	4365.9	4402.6	4414.9	4410.8
5°	4329.2	4361.9	4406.7	4414.9	4423.0	4418.9	4410.8	4418.9	4459.7	4467.9	4471.9
7.5°	4296.6	4357.8	4414.9	4427.1	4439.3	4427.1	4423.0	4431.2	4471.9	4480.1	4480.1
10°	4255.9	4341.5	4406.7	4414.9	4427.1	4414.9	4414.9	4431.2	4471.9	4480.1	4484.2
12.5°	4198.8	4317.0	4378.2	4386.3	4402.6	4398.5	4394.5	4410.8	4451.5	4459.7	4459.7
15°	4133.6	4272.2	4329.2	4337.4	4365.9	4357.8	4357.8	4374.1	4418.9	4431.2	4427.1
17.5°	4043.9	4215.1	4280.3	4292.6	4312.9	4308.9	4312.9	4329.2	4370.0	4378.2	4382.2
20°	3942.0	4137.6	4215.1	4227.3	4247.7	4247.7	4247.7	4268.1	4308.9	4325.2	4325.2
22.5°	3803.4	4056.1	4137.6	4145.8	4170.3	4170.3	4178.4	4206.9	4243.6	4247.7	4247.7
25°	3640.3	3966.4	4035.7	4060.2	4084.7	4096.9	4109.1	4125.4	4137.6	4133.6	4137.6
27.5°	3469.1	3852.3	3942.0	3958.3	3990.9	4003.1	4019.4	4023.5	4027.6	4039.8	4031.7
30°	3277.5	3693.3	3827.8	3844.1	3897.1	3905.3	3889.0	3897.1	3917.5	3925.7	3933.8
32.5°	3061.4	3456.9	3709.6	3746.3	3795.2	3770.8	3766.7	3778.9	3811.5	3811.5	3819.7
35°	2767.9	3273.4	3599.5	3632.1	3668.8	3640.3	3656.6	3660.7	3681.1	3693.3	3689.2
37.5°	2445.9	3114.4	3485.4	3509.9	3538.4	3501.7	3526.2	3538.4	3554.7	3546.5	3546.5
40°	2160.6	2865.7	3350.9	3367.2	3391.6	3363.1	3387.6	3395.7	3403.9	3395.7	3391.6
42.5°	1948.6	2592.6	3208.2	3228.6	3212.3	3232.6	3240.8	3257.1	3244.9	3228.6	3228.6
45°	1785.5	2519.3	3053.3	3077.7	3053.3	3085.9	3098.1	3098.1	3061.4	3053.3	3049.2
47.5°	1732.6	2372.5	2898.4	2898.4	2886.1	2926.9	2947.3	2918.7	2882.1	2869.8	2869.8
50°	1728.5	2209.5	2686.4	2670.1	2727.1	2776.1	2755.7	2727.1	2698.6	2653.8	2653.8
52.5°	1569.5	2009.7	2413.3	2474.4	2564.1	2592.6	2560.0	2531.5	2482.6	2462.2	2445.9
55°	1455.3	1801.9	2164.6	2286.9	2380.7	2417.4	2356.2	2327.7	2254.3	2242.1	2233.9
57.5°	1430.9	1500.2	1936.4	2091.3	2205.4	2201.3	2164.6	2111.6	2050.5	2038.3	2034.2
60°	1312.7	1084.4	1691.8	1875.2	1993.4	1981.2	1948.6	1899.7	1842.6	1834.5	1826.3
62.5°	1190.4	786.8	1414.6	1622.5	1789.6	1785.5	1757.0	1683.6	1642.9	1622.5	1606.2
65°	1011.0	660.4	1006.9	1349.4	1589.9	1598.0	1536.9	1483.9	1439.0	1414.6	1410.5
67.5°	770.5	538.1	680.8	1125.1	1398.3	1390.1	1312.7	1288.2	1231.1	1218.9	1194.4
70°	570.7	358.7	472.9	913.2	1210.7	1190.4	1129.2	1100.7	1047.7	1019.1	1002.8
72.5°	472.9	289.4	346.5	709.3	1019.1	994.7	941.7	909.1	864.2	839.8	823.5
75°	383.2	305.7	265.0	525.9	827.5	811.2	762.3	729.7	693.0	660.4	664.5
77.5°	281.3	285.4	212.0	387.3	656.3	631.9	603.3	562.6	546.3	513.7	513.7
80°	212.0	224.2	159.0	265.0	472.9	472.9	448.4	419.9	391.4	375.0	375.0
82.5°	142.7	142.7	118.2	167.1	322.1	309.8	293.5	285.4	269.1	260.9	260.9
85°	65.2	81.5	73.4	101.9	175.3	183.4	183.4	175.3	171.2	163.1	167.1
87.5°	20.4	36.7	44.8	57.1	89.7	93.8	97.8	97.8	97.8	101.9	101.9
90°	7.5	13.4	19.4	20.9	32.8	48.8	56.8	50.4	37.8	28.3	28.3
92.5°	29.9	80.6	131.5	144.1	202.6	280.6	319.6	280.1	201.2	141.9	136.3
95°	71.7	164.6	257.6	280.8	498.6	789.0	934.2	833.7	632.5	481.6	464.5
97.5°	124.0	206.0	288.0	308.4	671.6	1155.8	1397.9	1334.3	1207.2	1111.9	1079.4
100°	164.3	238.7	313.0	331.6	734.6	1271.9	1540.6	1545.2	1554.5	1561.5	1522.7
102.5°	198.7	268.0	337.3	354.7	763.4	1308.4	1580.9	1661.9	1823.9	1945.3	1912.2
105°	256.9	315.7	374.4	389.1	784.9	1312.6	1576.4	1758.0	2121.1	2393.4	2375.6
107.5°	316.6	371.4	426.2	439.9	788.9	1254.2	1486.8	1740.1	2246.6	2626.4	2630.7
110°	356.9	406.4	455.9	468.2	782.8	1202.4	1412.2	1695.3	2261.5	2686.1	2704.7

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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	396.5	443.7	490.8	502.6	783.2	1157.2	1344.2	1633.9	2213.5	2648.1	2676.6
115°	456.3	499.7	543.2	554.1	790.3	1105.3	1262.8	1541.9	2100.2	2518.9	2558.4
117.5°	515.3	554.8	594.2	604.1	805.0	1072.8	1206.7	1458.6	1962.5	2340.3	2384.3
120°	549.7	586.8	623.9	633.2	817.0	1061.9	1184.3	1414.5	1874.8	2220.1	2262.8
122.5°	583.2	620.7	658.2	667.6	834.2	1056.2	1167.2	1374.4	1789.0	2099.9	2142.0
125°	634.8	669.0	703.2	711.7	857.3	1051.4	1148.5	1324.6	1676.7	1940.9	1979.6
127.5°	676.6	711.1	745.7	754.3	880.5	1048.7	1132.9	1284.1	1586.4	1813.2	1845.9
130°	699.0	736.2	773.3	782.6	897.4	1050.3	1126.8	1261.4	1530.6	1732.5	1762.7
132.5°	722.1	759.3	796.4	805.7	911.0	1051.4	1121.6	1242.1	1483.1	1663.8	1690.9
135°	756.5	790.3	824.2	832.6	926.0	1050.5	1112.7	1213.6	1415.4	1566.7	1590.0
137.5°	791.6	825.1	858.6	867.0	948.4	1056.9	1111.2	1196.5	1367.1	1495.0	1514.1
140°	820.7	851.5	882.4	890.1	962.1	1058.0	1106.0	1179.7	1327.0	1437.5	1455.4
142.5°	843.1	871.7	900.2	907.3	973.6	1061.8	1106.0	1170.7	1300.1	1397.2	1412.6
145°	877.4	902.3	927.2	933.5	988.5	1061.8	1098.5	1151.4	1257.3	1336.8	1348.4
147.5°	911.8	936.1	960.3	966.3	1010.4	1069.1	1098.5	1140.2	1223.5	1285.9	1295.6
150°	934.2	956.1	978.1	983.5	1021.8	1073.0	1098.5	1133.7	1204.0	1256.8	1264.6
152.5°	957.3	974.0	990.5	994.7	1029.3	1075.5	1098.5	1128.5	1188.6	1233.6	1239.5
155°	991.7	1004.0	1016.3	1019.3	1045.7	1080.9	1098.5	1122.4	1170.2	1206.0	1210.0
157.5°	1017.1	1029.0	1041.0	1044.0	1062.1	1086.4	1098.5	1117.1	1154.2	1182.1	1184.8
160°	1034.3	1043.6	1052.9	1055.2	1069.7	1088.9	1098.5	1114.4	1146.3	1170.2	1171.8
162.5°	1051.4	1058.4	1065.3	1067.1	1077.5	1091.5	1098.5	1111.9	1138.8	1159.0	1160.5
165°	1070.2	1076.4	1082.7	1084.3	1089.0	1095.4	1098.5	1108.1	1127.3	1141.8	1143.4
167.5°	1087.3	1090.2	1093.3	1094.0	1098.0	1103.3	1106.0	1112.2	1124.8	1134.3	1135.0
170°	1098.5	1101.5	1104.5	1105.2	1105.5	1105.8	1106.0	1112.2	1124.8	1134.3	1134.3
172.5°	1104.4	1105.1	1105.8	1106.0	1106.0	1106.0	1106.0	1111.0	1120.9	1128.4	1127.8
175°	1112.7	1112.7	1112.7	1112.7	1110.5	1107.5	1106.0	1109.1	1115.4	1120.2	1120.2
177.5°	1112.7	1112.7	1112.7	1112.7	1111.0	1108.6	1107.5	1110.0	1115.0	1118.7	1118.0
180°	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9
2.5°	4418.9	4406.7	4418.9	4410.8	4414.9	4402.6	4365.9	4353.7	4365.9	4378.2	4378.2
5°	4471.9	4463.8	4471.9	4471.9	4467.9	4459.7	4418.9	4410.8	4418.9	4423.0	4414.9
7.5°	4488.2	4476.0	4488.2	4480.1	4480.1	4471.9	4431.2	4423.0	4427.1	4439.3	4427.1
10°	4488.2	4476.0	4488.2	4484.2	4480.1	4471.9	4431.2	4414.9	4414.9	4427.1	4414.9
12.5°	4467.9	4459.7	4467.9	4459.7	4459.7	4451.5	4410.8	4394.5	4398.5	4402.6	4386.3
15°	4435.2	4423.0	4435.2	4427.1	4431.2	4418.9	4374.1	4357.8	4357.8	4365.9	4337.4
17.5°	4386.3	4370.0	4386.3	4382.2	4378.2	4370.0	4329.2	4312.9	4308.9	4312.9	4292.6
20°	4329.2	4317.0	4329.2	4325.2	4325.2	4308.9	4268.1	4247.7	4247.7	4247.7	4227.3
22.5°	4239.6	4227.3	4239.6	4247.7	4247.7	4243.6	4206.9	4178.4	4170.3	4170.3	4145.8
25°	4137.6	4125.4	4137.6	4137.6	4133.6	4137.6	4125.4	4109.1	4096.9	4084.7	4060.2
27.5°	4039.8	4031.7	4039.8	4031.7	4039.8	4027.6	4023.5	4019.4	4003.1	3990.9	3958.3
30°	3942.0	3933.8	3942.0	3933.8	3925.7	3917.5	3897.1	3889.0	3905.3	3897.1	3844.1
32.5°	3819.7	3811.5	3819.7	3819.7	3811.5	3811.5	3778.9	3766.7	3770.8	3795.2	3746.3
35°	3693.3	3681.1	3693.3	3689.2	3693.3	3681.1	3660.7	3656.6	3640.3	3668.8	3632.1
37.5°	3546.5	3534.3	3546.5	3546.5	3546.5	3554.7	3538.4	3526.2	3501.7	3538.4	3509.9
40°	3395.7	3379.4	3395.7	3391.6	3395.7	3403.9	3395.7	3387.6	3363.1	3391.6	3367.2
42.5°	3224.5	3220.4	3224.5	3228.6	3228.6	3244.9	3257.1	3240.8	3232.6	3212.3	3228.6
45°	3041.0	3032.9	3041.0	3049.2	3053.3	3061.4	3098.1	3098.1	3085.9	3053.3	3077.7
47.5°	2845.4	2825.0	2845.4	2869.8	2869.8	2882.1	2918.7	2947.3	2926.9	2886.1	2898.4
50°	2637.5	2641.5	2637.5	2653.8	2653.8	2698.6	2727.1	2755.7	2776.1	2727.1	2670.1
52.5°	2433.7	2429.6	2433.7	2445.9	2462.2	2482.6	2531.5	2560.0	2592.6	2564.1	2474.4
55°	2229.9	2238.0	2229.9	2233.9	2242.1	2254.3	2327.7	2356.2	2417.4	2380.7	2286.9
57.5°	2026.0	2013.8	2026.0	2034.2	2038.3	2050.5	2111.6	2164.6	2201.3	2205.4	2091.3
60°	1789.6	1773.3	1789.6	1826.3	1834.5	1842.6	1899.7	1948.6	1981.2	1993.4	1875.2
62.5°	1581.7	1553.2	1581.7	1606.2	1622.5	1642.9	1683.6	1757.0	1785.5	1789.6	1622.5
65°	1361.6	1349.4	1361.6	1410.5	1414.6	1439.0	1483.9	1536.9	1598.0	1589.9	1349.4
67.5°	1161.8	1161.8	1161.8	1194.4	1218.9	1231.1	1288.2	1312.7	1390.1	1398.3	1125.1
70°	978.4	974.3	978.4	1002.8	1019.1	1047.7	1100.7	1129.2	1190.4	1210.7	913.2
72.5°	803.1	799.0	803.1	823.5	839.8	864.2	909.1	941.7	994.7	1019.1	709.3
75°	648.2	640.0	648.2	664.5	660.4	693.0	729.7	762.3	811.2	827.5	525.9
77.5°	497.3	497.3	497.3	513.7	513.7	546.3	562.6	603.3	631.9	656.3	387.3
80°	371.0	366.9	371.0	375.0	375.0	391.4	419.9	448.4	472.9	472.9	265.0
82.5°	260.9	252.7	260.9	260.9	260.9	269.1	285.4	293.5	309.8	322.1	167.1
85°	163.1	163.1	163.1	167.1	163.1	171.2	175.3	183.4	183.4	175.3	101.9
87.5°	106.0	101.9	106.0	101.9	101.9	97.8	97.8	97.8	93.8	89.7	57.1
90°	28.3	28.3	28.3	28.3	28.3	37.8	50.4	56.8	48.8	32.8	20.9
92.5°	113.7	91.1	113.7	136.3	141.9	201.2	280.1	319.6	280.6	202.6	144.1
95°	396.2	327.9	396.2	464.5	481.6	632.5	833.7	934.2	789.0	498.6	280.8
97.5°	949.3	819.2	949.3	1079.4	1111.9	1207.2	1334.3	1397.9	1155.8	671.6	308.4
100°	1367.7	1212.8	1367.7	1522.7	1561.5	1554.5	1545.2	1540.6	1271.9	734.6	331.6
102.5°	1779.4	1646.6	1779.4	1912.2	1945.3	1823.9	1661.9	1580.9	1308.4	763.4	354.7
105°	2304.2	2232.8	2304.2	2375.6	2393.4	2121.1	1758.0	1576.4	1312.6	784.9	389.1
107.5°	2648.0	2665.2	2648.0	2630.7	2626.4	2246.6	1740.1	1486.8	1254.2	788.9	439.9
110°	2779.0	2853.4	2779.0	2704.7	2686.1	2261.5	1695.3	1412.2	1202.4	782.8	468.2

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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	2790.7	2904.9	2790.7	2676.6	2648.1	2213.5	1633.9	1344.2	1157.2	783.2	502.6
115°	2716.7	2875.1	2716.7	2558.4	2518.9	2100.2	1541.9	1262.8	1105.3	790.3	554.1
117.5°	2559.8	2735.4	2559.8	2384.3	2340.3	1962.5	1458.6	1206.7	1072.8	805.0	604.1
120°	2433.4	2604.0	2433.4	2262.8	2220.1	1874.8	1414.5	1184.3	1061.9	817.0	633.2
122.5°	2310.2	2478.5	2310.2	2142.0	2099.9	1789.0	1374.4	1167.2	1056.2	834.2	667.6
125°	2134.6	2289.6	2134.6	1979.6	1940.9	1676.7	1324.6	1148.5	1051.4	857.3	711.7
127.5°	1976.7	2107.4	1976.7	1845.9	1813.2	1586.4	1284.1	1132.9	1048.7	880.5	754.3
130°	1883.5	2004.4	1883.5	1762.7	1732.5	1530.6	1261.4	1126.8	1050.3	897.4	782.6
132.5°	1799.0	1907.3	1799.0	1690.9	1663.8	1483.1	1242.1	1121.6	1051.4	911.0	805.7
135°	1683.3	1776.6	1683.3	1590.0	1566.7	1415.4	1213.6	1112.7	1050.5	926.0	832.6
137.5°	1590.4	1666.8	1590.4	1514.1	1495.0	1367.1	1196.5	1111.2	1056.9	948.4	867.0
140°	1526.7	1598.1	1526.7	1455.4	1437.5	1327.0	1179.7	1106.0	1058.0	962.1	890.1
142.5°	1474.0	1535.3	1474.0	1412.6	1397.2	1300.1	1170.7	1106.0	1061.8	973.6	907.3
145°	1394.8	1441.2	1394.8	1348.4	1336.8	1257.3	1151.4	1098.5	1061.8	988.5	933.5
147.5°	1334.0	1372.6	1334.0	1295.6	1285.9	1223.5	1140.2	1098.5	1069.1	1010.4	966.3
150°	1295.8	1327.0	1295.8	1264.6	1256.8	1204.0	1133.7	1098.5	1073.0	1021.8	983.5
152.5°	1263.1	1286.6	1263.1	1239.5	1233.6	1188.6	1128.5	1098.5	1075.5	1029.3	994.7
155°	1225.5	1241.1	1225.5	1210.0	1206.0	1170.2	1122.4	1098.5	1080.9	1045.7	1019.3
157.5°	1195.8	1206.7	1195.8	1184.8	1182.1	1154.2	1117.1	1098.5	1086.4	1062.1	1044.0
160°	1178.1	1184.3	1178.1	1171.8	1170.2	1146.3	1114.4	1098.5	1088.9	1069.7	1055.2
162.5°	1166.4	1172.5	1166.4	1160.5	1159.0	1138.8	1111.9	1098.5	1091.5	1077.5	1067.1
165°	1149.7	1156.0	1149.7	1143.4	1141.8	1127.3	1108.1	1098.5	1095.4	1089.0	1084.3
167.5°	1137.7	1140.3	1137.7	1135.0	1134.3	1124.8	1112.2	1106.0	1103.3	1098.0	1094.0
170°	1134.3	1134.3	1134.3	1134.3	1134.3	1124.8	1112.2	1106.0	1105.8	1105.5	1105.2
172.5°	1125.5	1123.2	1125.5	1127.8	1128.4	1120.9	1111.0	1106.0	1106.0	1106.0	1106.0
175°	1120.2	1120.2	1120.2	1120.2	1120.2	1115.4	1109.1	1106.0	1107.5	1110.5	1112.7
177.5°	1115.4	1112.7	1115.4	1118.0	1118.7	1115.0	1110.0	1107.5	1108.6	1111.0	1112.7
180°	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7

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CATALOG NUMBER: SQ4-FA-075U-125D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9
2.5°	4370.0	4345.6	4345.6	4304.8	4288.5	4276.3	4255.9	4194.7	4178.4	4162.1	4186.6
5°	4406.7	4361.9	4329.2	4255.9	4194.7	4170.3	4092.8	3946.0	3848.2	3774.8	3734.1
7.5°	4414.9	4357.8	4296.6	4182.5	4035.7	3970.5	3734.1	3465.0	3391.6	3326.4	3285.6
10°	4406.7	4341.5	4255.9	4084.7	3738.1	3624.0	3387.6	3212.3	3167.4	3155.2	3167.4
12.5°	4378.2	4317.0	4198.8	3913.4	3428.3	3350.9	3212.3	3110.3	3102.2	3122.6	3232.6
15°	4329.2	4272.2	4133.6	3685.1	3257.1	3200.0	3102.2	3065.5	3110.3	3253.0	3583.2
17.5°	4280.3	4215.1	4043.9	3460.9	3126.7	3085.9	3016.6	3090.0	3342.7	3534.3	3644.4
20°	4215.1	4137.6	3942.0	3297.9	3032.9	2996.2	2963.6	3293.8	3485.4	3554.7	3615.8
22.5°	4137.6	4056.1	3803.4	3183.7	2935.1	2906.5	2926.9	3407.9	3485.4	3534.3	3587.3
25°	4035.7	3966.4	3640.3	3094.0	2857.6	2825.0	2902.4	3395.7	3440.5	3452.8	3558.8
27.5°	3942.0	3852.3	3469.1	3012.5	2763.8	2751.6	2922.8	3342.7	3375.3	3387.6	3501.7
30°	3827.8	3693.3	3277.5	2926.9	2666.0	2661.9	2926.9	3277.5	3269.3	3301.9	3416.1
32.5°	3709.6	3456.9	3061.4	2820.9	2572.2	2568.2	2898.4	3179.6	3171.5	3216.3	3301.9
35°	3599.5	3273.4	2767.9	2698.6	2454.0	2458.1	2829.1	3065.5	3069.6	3110.3	3163.3
37.5°	3485.4	3114.4	2445.9	2564.1	2339.9	2339.9	2735.3	2959.5	2951.4	2963.6	3037.0
40°	3350.9	2865.7	2160.6	2388.8	2233.9	2221.7	2621.2	2845.4	2816.8	2812.8	2914.7
42.5°	3208.2	2592.6	1948.6	2156.5	2111.6	2095.3	2482.6	2706.8	2653.8	2666.0	2796.4
45°	3053.3	2519.3	1785.5	1822.2	1985.3	1973.1	2331.8	2547.8	2511.1	2543.7	2678.2
47.5°	2898.4	2372.5	1732.6	1512.4	1850.8	1846.7	2164.6	2392.9	2372.5	2405.1	2547.8
50°	2686.4	2209.5	1728.5	1296.4	1699.9	1716.2	1964.9	2242.1	2242.1	2270.6	2421.4
52.5°	2413.3	2009.7	1569.5	1174.1	1524.6	1573.6	1789.6	2111.6	2119.8	2148.3	2282.8
55°	2164.6	1801.9	1455.3	1080.3	1316.7	1422.7	1618.4	1977.1	1993.4	2022.0	2144.3
57.5°	1936.4	1500.2	1430.9	970.2	1125.1	1227.1	1467.6	1846.7	1854.8	1879.3	1997.5
60°	1691.8	1084.4	1312.7	852.0	958.0	1035.5	1329.0	1691.8	1720.3	1736.6	1838.5
62.5°	1414.6	786.8	1190.4	770.5	876.5	892.8	1214.8	1545.0	1581.7	1593.9	1655.1
65°	1006.9	660.4	1011.0	701.2	790.9	794.9	1092.5	1394.2	1426.8	1447.2	1492.0
67.5°	680.8	538.1	770.5	635.9	725.6	729.7	974.3	1218.9	1263.7	1280.1	1308.6
70°	472.9	358.7	570.7	566.6	652.3	660.4	847.9	1059.9	1100.7	1112.9	1129.2
72.5°	346.5	289.4	472.9	509.6	574.8	583.0	717.5	880.5	921.3	933.5	941.7
75°	265.0	305.7	383.2	444.3	489.2	493.3	587.0	717.5	746.0	754.2	758.2
77.5°	212.0	285.4	281.3	358.7	399.5	391.4	460.7	554.4	578.9	578.9	578.9
80°	159.0	224.2	212.0	256.8	293.5	285.4	330.2	395.4	403.6	411.7	407.7
82.5°	118.2	142.7	142.7	163.1	195.7	187.5	220.1	256.8	256.8	256.8	265.0
85°	73.4	81.5	65.2	85.6	110.1	106.0	122.3	138.6	142.7	142.7	134.5
87.5°	44.8	36.7	20.4	32.6	48.9	48.9	57.1	61.1	57.1	57.1	57.1
90°	19.4	13.4	7.5	13.4	19.4	20.9	32.8	48.8	56.8	50.4	37.8
92.5°	131.5	80.6	29.9	80.6	131.5	144.1	202.6	280.6	319.6	280.1	201.2
95°	257.6	164.6	71.7	164.6	257.6	280.8	498.6	789.0	934.2	833.7	632.5
97.5°	288.0	206.0	124.0	206.0	288.0	308.4	671.6	1155.8	1397.9	1334.3	1207.2
100°	313.0	238.7	164.3	238.7	313.0	331.6	734.6	1271.9	1540.6	1545.2	1554.5
102.5°	337.3	268.0	198.7	268.0	337.3	354.7	763.4	1308.4	1580.9	1661.9	1823.9
105°	374.4	315.7	256.9	315.7	374.4	389.1	784.9	1312.6	1576.4	1758.0	2121.1
107.5°	426.2	371.4	316.6	371.4	426.2	439.9	788.9	1254.2	1486.8	1740.1	2246.6
110°	455.9	406.4	356.9	406.4	455.9	468.2	782.8	1202.4	1412.2	1695.3	2261.5

TEST NUMBER: P934949

CATALOG NUMBER: SQ4-FA-075U-125D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	490.8	443.7	396.5	443.7	490.8	502.6	783.2	1157.2	1344.2	1633.9	2213.5
115°	543.2	499.7	456.3	499.7	543.2	554.1	790.3	1105.3	1262.8	1541.9	2100.2
117.5°	594.2	554.8	515.3	554.8	594.2	604.1	805.0	1072.8	1206.7	1458.6	1962.5
120°	623.9	586.8	549.7	586.8	623.9	633.2	817.0	1061.9	1184.3	1414.5	1874.8
122.5°	658.2	620.7	583.2	620.7	658.2	667.6	834.2	1056.2	1167.2	1374.4	1789.0
125°	703.2	669.0	634.8	669.0	703.2	711.7	857.3	1051.4	1148.5	1324.6	1676.7
127.5°	745.7	711.1	676.6	711.1	745.7	754.3	880.5	1048.7	1132.9	1284.1	1586.4
130°	773.3	736.2	699.0	736.2	773.3	782.6	897.4	1050.3	1126.8	1261.4	1530.6
132.5°	796.4	759.3	722.1	759.3	796.4	805.7	911.0	1051.4	1121.6	1242.1	1483.1
135°	824.2	790.3	756.5	790.3	824.2	832.6	926.0	1050.5	1112.7	1213.6	1415.4
137.5°	858.6	825.1	791.6	825.1	858.6	867.0	948.4	1056.9	1111.2	1196.5	1367.1
140°	882.4	851.5	820.7	851.5	882.4	890.1	962.1	1058.0	1106.0	1179.7	1327.0
142.5°	900.2	871.7	843.1	871.7	900.2	907.3	973.6	1061.8	1106.0	1170.7	1300.1
145°	927.2	902.3	877.4	902.3	927.2	933.5	988.5	1061.8	1098.5	1151.4	1257.3
147.5°	960.3	936.1	911.8	936.1	960.3	966.3	1010.4	1069.1	1098.5	1140.2	1223.5
150°	978.1	956.1	934.2	956.1	978.1	983.5	1021.8	1073.0	1098.5	1133.7	1204.0
152.5°	990.5	974.0	957.3	974.0	990.5	994.7	1029.3	1075.5	1098.5	1128.5	1188.6
155°	1016.3	1004.0	991.7	1004.0	1016.3	1019.3	1045.7	1080.9	1098.5	1122.4	1170.2
157.5°	1041.0	1029.0	1017.1	1029.0	1041.0	1044.0	1062.1	1086.4	1098.5	1117.1	1154.2
160°	1052.9	1043.6	1034.3	1043.6	1052.9	1055.2	1069.7	1088.9	1098.5	1114.4	1146.3
162.5°	1065.3	1058.4	1051.4	1058.4	1065.3	1067.1	1077.5	1091.5	1098.5	1111.9	1138.8
165°	1082.7	1076.4	1070.2	1076.4	1082.7	1084.3	1089.0	1095.4	1098.5	1108.1	1127.3
167.5°	1093.3	1090.2	1087.3	1090.2	1093.3	1094.0	1098.0	1103.3	1106.0	1112.2	1124.8
170°	1104.5	1101.5	1098.5	1101.5	1104.5	1105.2	1105.5	1105.8	1106.0	1112.2	1124.8
172.5°	1105.8	1105.1	1104.4	1105.1	1105.8	1106.0	1106.0	1106.0	1106.0	1111.0	1120.9
175°	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1110.5	1107.5	1106.0	1109.1	1115.4
177.5°	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1111.0	1108.6	1107.5	1110.0	1115.0
180°	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7

TEST NUMBER: P934949

CATALOG NUMBER: SQ4-FA-075U-125D-930-1D-UNV-STD-W-12

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9	4308.9
2.5°	4158.0	4145.8	4162.1	4117.3	4162.1	4145.8	4158.0	4186.6	4162.1	4178.4	4194.7
5°	3648.5	3628.1	3562.8	3509.9	3562.8	3628.1	3648.5	3734.1	3774.8	3848.2	3946.0
7.5°	3261.2	3244.9	3228.6	3196.0	3228.6	3244.9	3261.2	3285.6	3326.4	3391.6	3465.0
10°	3175.6	3179.6	3204.1	3200.0	3204.1	3179.6	3175.6	3167.4	3155.2	3167.4	3212.3
12.5°	3395.7	3432.4	3566.9	3558.8	3566.9	3432.4	3395.7	3232.6	3122.6	3102.2	3110.3
15°	3648.5	3660.7	3689.2	3693.3	3689.2	3660.7	3648.5	3583.2	3253.0	3110.3	3065.5
17.5°	3672.9	3677.0	3697.4	3697.4	3697.4	3677.0	3672.9	3644.4	3534.3	3342.7	3090.0
20°	3652.5	3660.7	3701.5	3709.6	3701.5	3660.7	3652.5	3615.8	3554.7	3485.4	3293.8
22.5°	3644.4	3660.7	3693.3	3689.2	3693.3	3660.7	3644.4	3587.3	3534.3	3485.4	3407.9
25°	3603.6	3603.6	3607.7	3611.8	3607.7	3603.6	3603.6	3558.8	3452.8	3440.5	3395.7
27.5°	3518.0	3526.2	3550.6	3546.5	3550.6	3526.2	3518.0	3501.7	3387.6	3375.3	3342.7
30°	3440.5	3432.4	3412.0	3395.7	3412.0	3432.4	3440.5	3416.1	3301.9	3269.3	3277.5
32.5°	3310.1	3289.7	3269.3	3257.1	3269.3	3289.7	3310.1	3301.9	3216.3	3171.5	3179.6
35°	3155.2	3159.3	3155.2	3143.0	3155.2	3159.3	3155.2	3163.3	3110.3	3069.6	3065.5
37.5°	3045.1	3053.3	3049.2	3032.9	3049.2	3053.3	3045.1	3037.0	2963.6	2951.4	2959.5
40°	2931.0	2935.1	2931.0	2918.7	2931.0	2935.1	2931.0	2914.7	2812.8	2816.8	2845.4
42.5°	2820.9	2816.8	2804.6	2796.4	2804.6	2816.8	2820.9	2796.4	2666.0	2653.8	2706.8
45°	2694.5	2698.6	2674.2	2661.9	2674.2	2698.6	2694.5	2678.2	2543.7	2511.1	2547.8
47.5°	2568.2	2568.2	2547.8	2535.6	2547.8	2568.2	2568.2	2547.8	2405.1	2372.5	2392.9
50°	2433.7	2429.6	2401.1	2397.0	2401.1	2429.6	2433.7	2421.4	2270.6	2242.1	2242.1
52.5°	2278.8	2278.8	2282.8	2291.0	2282.8	2278.8	2278.8	2282.8	2148.3	2119.8	2111.6
55°	2144.3	2148.3	2176.9	2185.0	2176.9	2148.3	2144.3	2144.3	2022.0	1993.4	1977.1
57.5°	2005.7	2005.7	2026.0	2026.0	2026.0	2005.7	2005.7	1997.5	1879.3	1854.8	1846.7
60°	1846.7	1854.8	1871.2	1867.1	1871.2	1854.8	1846.7	1838.5	1736.6	1720.3	1691.8
62.5°	1679.6	1687.7	1691.8	1683.6	1691.8	1687.7	1679.6	1655.1	1593.9	1581.7	1545.0
65°	1504.3	1512.4	1516.5	1508.3	1516.5	1512.4	1504.3	1492.0	1447.2	1426.8	1394.2
67.5°	1324.9	1320.8	1316.7	1333.0	1316.7	1320.8	1324.9	1308.6	1280.1	1263.7	1218.9
70°	1141.4	1141.4	1137.4	1145.5	1137.4	1141.4	1141.4	1129.2	1112.9	1100.7	1059.9
72.5°	945.8	941.7	958.0	945.8	958.0	941.7	945.8	941.7	933.5	921.3	880.5
75°	754.2	762.3	754.2	766.4	754.2	762.3	754.2	758.2	754.2	746.0	717.5
77.5°	574.8	583.0	574.8	574.8	574.8	583.0	574.8	578.9	578.9	578.9	554.4
80°	407.7	403.6	403.6	399.5	403.6	403.6	407.7	407.7	411.7	403.6	395.4
82.5°	260.9	256.8	256.8	265.0	256.8	256.8	260.9	265.0	256.8	256.8	256.8
85°	142.7	146.8	138.6	138.6	138.6	146.8	142.7	134.5	142.7	142.7	138.6
87.5°	53.0	48.9	48.9	48.9	48.9	48.9	53.0	57.1	57.1	57.1	61.1
90°	28.3	28.3	28.3	28.3	28.3	28.3	28.3	37.8	50.4	56.8	48.8
92.5°	141.9	136.3	113.7	91.1	113.7	136.3	141.9	201.2	280.1	319.6	280.6
95°	481.6	464.5	396.2	327.9	396.2	464.5	481.6	632.5	833.7	934.2	789.0
97.5°	1111.9	1079.4	949.3	819.2	949.3	1079.4	1111.9	1207.2	1334.3	1397.9	1155.8
100°	1561.5	1522.7	1367.7	1212.8	1367.7	1522.7	1561.5	1554.5	1545.2	1540.6	1271.9
102.5°	1945.3	1912.2	1779.4	1646.6	1779.4	1912.2	1945.3	1823.9	1661.9	1580.9	1308.4
105°	2393.4	2375.6	2304.2	2232.8	2304.2	2375.6	2393.4	2121.1	1758.0	1576.4	1312.6
107.5°	2626.4	2630.7	2648.0	2665.2	2648.0	2630.7	2626.4	2246.6	1740.1	1486.8	1254.2
110°	2686.1	2704.7	2779.0	2853.4	2779.0	2704.7	2686.1	2261.5	1695.3	1412.2	1202.4

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	2648.1	2676.6	2790.7	2904.9	2790.7	2676.6	2648.1	2213.5	1633.9	1344.2	1157.2
115°	2518.9	2558.4	2716.7	2875.1	2716.7	2558.4	2518.9	2100.2	1541.9	1262.8	1105.3
117.5°	2340.3	2384.3	2559.8	2735.4	2559.8	2384.3	2340.3	1962.5	1458.6	1206.7	1072.8
120°	2220.1	2262.8	2433.4	2604.0	2433.4	2262.8	2220.1	1874.8	1414.5	1184.3	1061.9
122.5°	2099.9	2142.0	2310.2	2478.5	2310.2	2142.0	2099.9	1789.0	1374.4	1167.2	1056.2
125°	1940.9	1979.6	2134.6	2289.6	2134.6	1979.6	1940.9	1676.7	1324.6	1148.5	1051.4
127.5°	1813.2	1845.9	1976.7	2107.4	1976.7	1845.9	1813.2	1586.4	1284.1	1132.9	1048.7
130°	1732.5	1762.7	1883.5	2004.4	1883.5	1762.7	1732.5	1530.6	1261.4	1126.8	1050.3
132.5°	1663.8	1690.9	1799.0	1907.3	1799.0	1690.9	1663.8	1483.1	1242.1	1121.6	1051.4
135°	1566.7	1590.0	1683.3	1776.6	1683.3	1590.0	1566.7	1415.4	1213.6	1112.7	1050.5
137.5°	1495.0	1514.1	1590.4	1666.8	1590.4	1514.1	1495.0	1367.1	1196.5	1111.2	1056.9
140°	1437.5	1455.4	1526.7	1598.1	1526.7	1455.4	1437.5	1327.0	1179.7	1106.0	1058.0
142.5°	1397.2	1412.6	1474.0	1535.3	1474.0	1412.6	1397.2	1300.1	1170.7	1106.0	1061.8
145°	1336.8	1348.4	1394.8	1441.2	1394.8	1348.4	1336.8	1257.3	1151.4	1098.5	1061.8
147.5°	1285.9	1295.6	1334.0	1372.6	1334.0	1295.6	1285.9	1223.5	1140.2	1098.5	1069.1
150°	1256.8	1264.6	1295.8	1327.0	1295.8	1264.6	1256.8	1204.0	1133.7	1098.5	1073.0
152.5°	1233.6	1239.5	1263.1	1286.6	1263.1	1239.5	1233.6	1188.6	1128.5	1098.5	1075.5
155°	1206.0	1210.0	1225.5	1241.1	1225.5	1210.0	1206.0	1170.2	1122.4	1098.5	1080.9
157.5°	1182.1	1184.8	1195.8	1206.7	1195.8	1184.8	1182.1	1154.2	1117.1	1098.5	1086.4
160°	1170.2	1171.8	1178.1	1184.3	1178.1	1171.8	1170.2	1146.3	1114.4	1098.5	1088.9
162.5°	1159.0	1160.5	1166.4	1172.5	1166.4	1160.5	1159.0	1138.8	1111.9	1098.5	1091.5
165°	1141.8	1143.4	1149.7	1156.0	1149.7	1143.4	1141.8	1127.3	1108.1	1098.5	1095.4
167.5°	1134.3	1135.0	1137.7	1140.3	1137.7	1135.0	1134.3	1124.8	1112.2	1106.0	1103.3
170°	1134.3	1134.3	1134.3	1134.3	1134.3	1134.3	1134.3	1124.8	1112.2	1106.0	1105.8
172.5°	1128.4	1127.8	1125.5	1123.2	1125.5	1127.8	1128.4	1120.9	1111.0	1106.0	1106.0
175°	1120.2	1120.2	1120.2	1120.2	1120.2	1120.2	1120.2	1115.4	1109.1	1106.0	1107.5
177.5°	1118.7	1118.0	1115.4	1112.7	1115.4	1118.0	1118.7	1115.0	1110.0	1107.5	1108.6
180°	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7	1112.7

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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4308.9	4308.9	4308.9	4308.9	4308.9
2.5°	4255.9	4276.3	4288.5	4304.8	4345.6
5°	4092.8	4170.3	4194.7	4255.9	4329.2
7.5°	3734.1	3970.5	4035.7	4182.5	4296.6
10°	3387.6	3624.0	3738.1	4084.7	4255.9
12.5°	3212.3	3350.9	3428.3	3913.4	4198.8
15°	3102.2	3200.0	3257.1	3685.1	4133.6
17.5°	3016.6	3085.9	3126.7	3460.9	4043.9
20°	2963.6	2996.2	3032.9	3297.9	3942.0
22.5°	2926.9	2906.5	2935.1	3183.7	3803.4
25°	2902.4	2825.0	2857.6	3094.0	3640.3
27.5°	2922.8	2751.6	2763.8	3012.5	3469.1
30°	2926.9	2661.9	2666.0	2926.9	3277.5
32.5°	2898.4	2568.2	2572.2	2820.9	3061.4
35°	2829.1	2458.1	2454.0	2698.6	2767.9
37.5°	2735.3	2339.9	2339.9	2564.1	2445.9
40°	2621.2	2221.7	2233.9	2388.8	2160.6
42.5°	2482.6	2095.3	2111.6	2156.5	1948.6
45°	2331.8	1973.1	1985.3	1822.2	1785.5
47.5°	2164.6	1846.7	1850.8	1512.4	1732.6
50°	1964.9	1716.2	1699.9	1296.4	1728.5
52.5°	1789.6	1573.6	1524.6	1174.1	1569.5
55°	1618.4	1422.7	1316.7	1080.3	1455.3
57.5°	1467.6	1227.1	1125.1	970.2	1430.9
60°	1329.0	1035.5	958.0	852.0	1312.7
62.5°	1214.8	892.8	876.5	770.5	1190.4
65°	1092.5	794.9	790.9	701.2	1011.0
67.5°	974.3	729.7	725.6	635.9	770.5
70°	847.9	660.4	652.3	566.6	570.7
72.5°	717.5	583.0	574.8	509.6	472.9
75°	587.0	493.3	489.2	444.3	383.2
77.5°	460.7	391.4	399.5	358.7	281.3
80°	330.2	285.4	293.5	256.8	212.0
82.5°	220.1	187.5	195.7	163.1	142.7
85°	122.3	106.0	110.1	85.6	65.2
87.5°	57.1	48.9	48.9	32.6	20.4
90°	32.8	20.9	19.4	13.4	7.5
92.5°	202.6	144.1	131.5	80.6	29.9
95°	498.6	280.8	257.6	164.6	71.7
97.5°	671.6	308.4	288.0	206.0	124.0
100°	734.6	331.6	313.0	238.7	164.3
102.5°	763.4	354.7	337.3	268.0	198.7
105°	784.9	389.1	374.4	315.7	256.9
107.5°	788.9	439.9	426.2	371.4	316.6
110°	782.8	468.2	455.9	406.4	356.9



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CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	783.2	502.6	490.8	443.7	396.5
115°	790.3	554.1	543.2	499.7	456.3
117.5°	805.0	604.1	594.2	554.8	515.3
120°	817.0	633.2	623.9	586.8	549.7
122.5°	834.2	667.6	658.2	620.7	583.2
125°	857.3	711.7	703.2	669.0	634.8
127.5°	880.5	754.3	745.7	711.1	676.6
130°	897.4	782.6	773.3	736.2	699.0
132.5°	911.0	805.7	796.4	759.3	722.1
135°	926.0	832.6	824.2	790.3	756.5
137.5°	948.4	867.0	858.6	825.1	791.6
140°	962.1	890.1	882.4	851.5	820.7
142.5°	973.6	907.3	900.2	871.7	843.1
145°	988.5	933.5	927.2	902.3	877.4
147.5°	1010.4	966.3	960.3	936.1	911.8
150°	1021.8	983.5	978.1	956.1	934.2
152.5°	1029.3	994.7	990.5	974.0	957.3
155°	1045.7	1019.3	1016.3	1004.0	991.7
157.5°	1062.1	1044.0	1041.0	1029.0	1017.1
160°	1069.7	1055.2	1052.9	1043.6	1034.3
162.5°	1077.5	1067.1	1065.3	1058.4	1051.4
165°	1089.0	1084.3	1082.7	1076.4	1070.2
167.5°	1098.0	1094.0	1093.3	1090.2	1087.3
170°	1105.5	1105.2	1104.5	1101.5	1098.5
172.5°	1106.0	1106.0	1105.8	1105.1	1104.4
175°	1110.5	1112.7	1112.7	1112.7	1112.7
177.5°	1111.0	1112.7	1112.7	1112.7	1112.7
180°	1112.7	1112.7	1112.7	1112.7	1112.7

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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	14.75	15.72	15.61	16.60	17.71	17.60	18.57	18.46	19.45	20.56
	3H	15.23	16.10	16.11	16.99	18.13	18.96	19.83	19.83	20.72	21.85
	4H	15.43	16.25	16.32	17.15	18.29	19.41	20.23	20.30	21.13	22.27
	6H	15.55	16.31	16.45	17.21	18.37	19.71	20.47	20.61	21.37	22.53
	8H	15.56	16.28	16.47	17.20	18.36	19.79	20.51	20.70	21.43	22.59
	12H	15.53	16.22	16.45	17.13	18.32	19.84	20.52	20.75	21.44	22.62
4H	2H	15.80	16.62	16.69	17.52	18.66	18.02	18.84	18.91	19.74	20.88
	3H	16.84	17.52	17.74	18.45	19.61	19.54	20.23	20.45	21.15	22.31
	4H	17.12	17.74	18.03	18.66	19.85	20.08	20.70	21.00	21.63	22.81
	6H	17.25	17.79	18.18	18.73	19.92	20.46	20.99	21.39	21.94	23.13
	8H	17.26	17.76	18.19	18.70	19.90	20.57	21.07	21.50	22.01	23.21
	12H	17.23	17.68	18.18	18.64	19.85	20.64	21.09	21.59	22.05	23.25
8H	4H	17.58	18.08	18.51	19.03	20.23	20.21	20.71	21.14	21.66	22.86
	6H	17.85	18.26	18.81	19.25	20.45	20.66	21.07	21.62	22.06	23.26
	8H	17.89	18.26	18.86	19.23	20.45	20.82	21.18	21.78	22.16	23.37
	12H	17.88	18.20	18.85	19.17	20.44	20.92	21.25	21.89	22.21	23.48
12H	4H	17.59	18.05	18.55	19.01	20.21	20.18	20.63	21.13	21.59	22.80
	6H	17.91	18.28	18.88	19.25	20.47	20.66	21.02	21.62	22.00	23.22
	8H	17.98	18.31	18.95	19.27	20.54	20.83	21.15	21.80	22.12	23.38