

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: P934181

Luminaire Tested: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-12-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934181
REPORT IS A COMBINATION OF REPORTS P933685 AND P933786
Test Lab: INNOVATION CENTER
Issue Date: 12/17/2024
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: CORELITE
Catalog Number: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-12-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

Summary

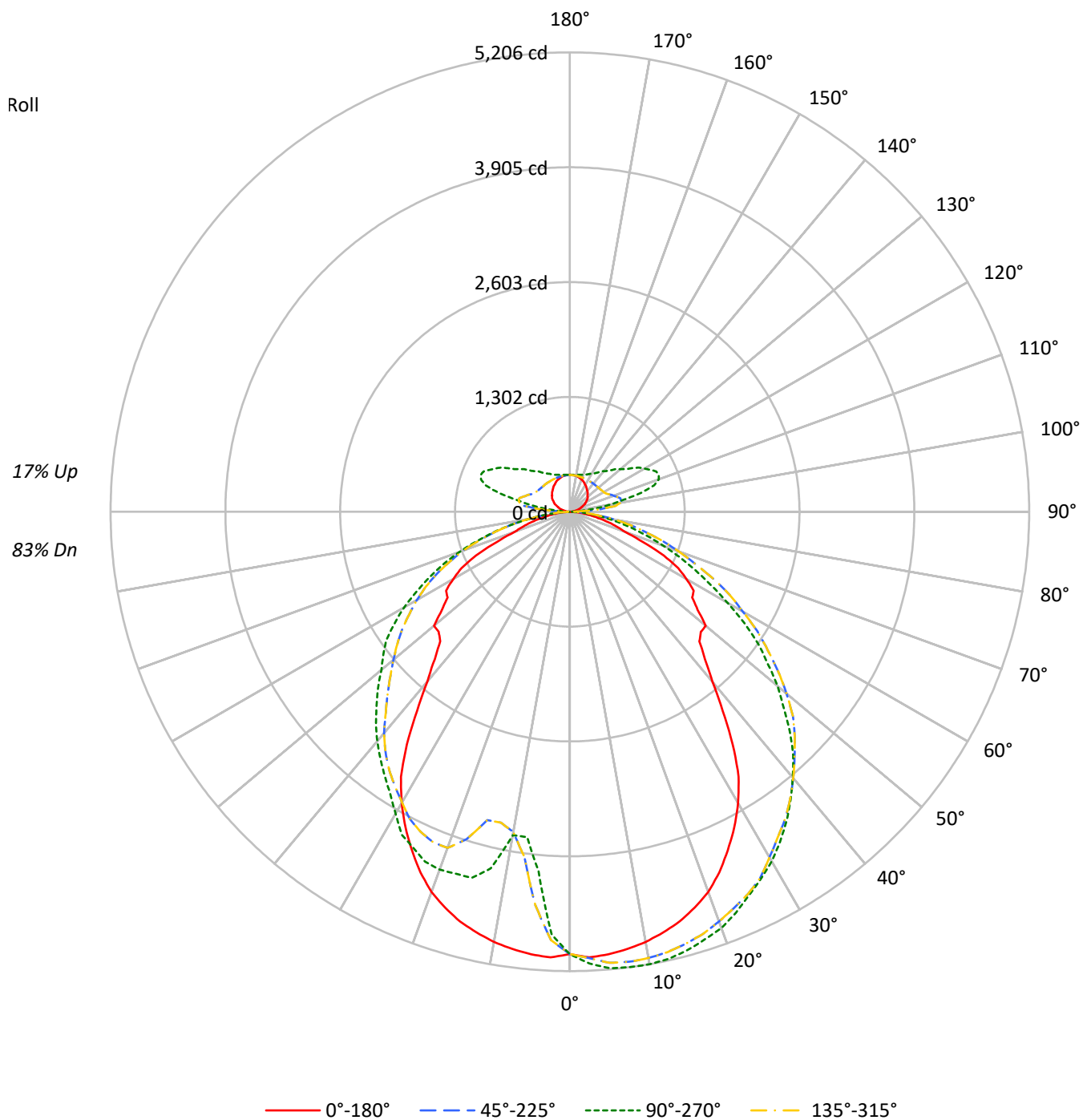
Lumens per Lamp: N/A
Luminaire Lumens: 15707.1 lumens
Efficiency: N/A
Efficacy: 105.6 lumens/watt
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 12' x H: 0.1')
CIE Type: Semi-Direct

Input Watts (W): 148.8
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: P934181

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-12-5000K

Luminous Intensity Polar Plot



TEST NUMBER: P934181

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-12-5000K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20			
RC	80				70				50				30				10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	115	115	115	115	110	110	110	110	102	102	102	94	94	94	86	86	86	83		
1	105	101	97	93	101	97	93	90	89	87	84	83	80	78	76	75	73	70		
2	96	88	82	76	92	85	79	74	78	74	70	73	69	66	67	64	62	59		
3	88	78	70	64	84	75	68	62	69	63	59	64	60	56	60	56	52	50		
4	80	69	60	54	77	66	59	53	62	55	50	57	52	48	53	49	45	43		
5	74	61	53	46	70	59	51	45	55	49	43	52	46	41	48	43	39	37		
6	68	55	47	40	65	53	45	40	50	43	38	47	41	36	44	39	35	32		
7	63	50	42	36	60	48	41	35	45	39	34	42	37	32	40	35	31	29		
8	59	46	37	32	56	44	36	31	41	35	30	39	33	29	37	31	28	26		
9	55	42	34	28	52	40	33	28	38	32	27	36	30	26	34	29	25	23		
10	51	38	31	26	49	37	30	25	35	29	24	33	28	24	31	26	23	21		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	15502	15502	15502	15502
5°	15623	15649	15623	12305
10°	15525	15414	15525	11020
15°	15362	15081	15362	12592
20°	15047	14685	15047	12619
25°	14395	14108	14395	12351
30°	13550	13629	13550	11765
35°	12086	13023	12086	11119
40°	10076	12309	10076	10632
45°	9009	11474	9009	10071
50°	9579	10479	9579	9508
55°	9021	9406	9021	9183
60°	9311	7988	9311	8411
65°	8455	6604	8455	7381
70°	5869	5262	5869	6188
75°	5166	3890	5166	4658
80°	4194	2572	4194	2801
85°	2456	1362	2456	1158

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°

Vertical Angle: 45°

Luminance: 13799 cd/sqm

TEST NUMBER: P934181

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-12-5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	452.4	2.9
10°-20°	1284.5	8.2
20°-30°	1985.6	12.6
30°-40°	2370.4	15.1
40°-50°	2384.3	15.2
50°-60°	2074.6	13.2
60°-70°	1470.9	9.4
70°-80°	778.2	5.0
80°-90°	195.4	1.2
90°-100°	203.8	1.3
100°-110°	535.9	3.4
110°-120°	555.7	3.5
120°-130°	445.7	2.8
130°-140°	349.7	2.2
140°-150°	268.4	1.7
150°-160°	193.3	1.2
160°-170°	118.3	0.8
170°-180°	40.0	0.3
0°-30°	3722.5	23.7
0°-40°	6092.9	38.8
0°-60°	10551.8	67.2
0°-90°	12996.3	82.7
90°-120°	1295.4	8.2
90°-150°	2359.2	15.0
90°-180°	2711.0	17.3
0°-180°	15707.1	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5012	5012	5012	5012	5012	
5°	5036	5192	5036	4082	5036	478
15°	4808	5145	4808	4296	4808	1353
25°	4234	4798	4234	4201	4234	1944
35°	3220	4282	3220	3656	3220	1992
45°	2077	3528	2077	3096	2077	1664
55°	1693	2603	1693	2542	1693	1555
65°	1176	1570	1176	1754	1176	1124
75°	446	744	446	891	446	469
85°	76	190	76	161	76	102
90°	3	11	3	11	3	6
95°	27	123	27	123	27	30
105°	97	839	97	839	97	102
115°	172	1080	172	1080	172	169
125°	238	860	238	860	238	212
135°	284	668	284	668	284	220
145°	330	542	330	542	330	207
155°	373	466	373	466	373	171
165°	402	434	402	434	402	114
175°	418	421	418	421	418	40
180°	418	418	418	418	418	

TEST NUMBER: P934181

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-12-5000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8
2.5°	5054.5	5054.5	5082.9	5092.4	5092.4	5078.2	5064.0	5078.2	5120.8	5135.1	5130.4
5°	5035.5	5073.5	5125.6	5135.1	5144.6	5139.8	5130.4	5139.8	5187.2	5196.8	5201.4
7.5°	4997.6	5068.7	5135.1	5149.3	5163.5	5149.3	5144.6	5154.1	5201.4	5211.0	5211.0
10°	4950.2	5049.8	5125.6	5135.1	5149.3	5135.1	5135.1	5154.1	5201.4	5211.0	5215.7
12.5°	4883.8	5021.3	5092.4	5101.9	5120.8	5116.1	5111.4	5130.4	5177.7	5187.2	5187.2
15°	4808.0	4969.2	5035.5	5045.0	5078.2	5068.7	5068.7	5087.7	5139.8	5154.1	5149.3
17.5°	4703.6	4902.8	4978.6	4992.9	5016.5	5011.8	5016.5	5035.5	5082.9	5092.4	5097.1
20°	4585.1	4812.6	4902.8	4916.9	4940.7	4940.7	4940.7	4964.4	5011.8	5030.8	5030.8
22.5°	4423.9	4717.8	4812.6	4822.1	4850.6	4850.6	4860.1	4893.2	4935.9	4940.7	4940.7
25°	4234.2	4613.5	4694.1	4722.6	4751.1	4765.3	4779.5	4798.4	4812.6	4808.0	4812.6
27.5°	4035.1	4480.8	4585.1	4604.1	4642.0	4656.2	4675.1	4679.9	4684.7	4698.9	4689.4
30°	3812.2	4295.8	4452.3	4471.2	4532.9	4542.4	4523.5	4532.9	4556.6	4566.1	4575.6
32.5°	3560.9	4020.9	4314.8	4357.5	4414.4	4386.0	4381.2	4395.4	4433.3	4433.3	4442.9
35°	3219.5	3807.5	4186.7	4224.7	4267.4	4234.2	4253.2	4257.9	4281.6	4295.8	4291.1
37.5°	2845.0	3622.5	4054.0	4082.5	4115.7	4073.0	4101.5	4115.7	4134.6	4125.1	4125.1
40°	2513.0	3333.3	3897.6	3916.5	3944.9	3911.8	3940.3	3949.7	3959.2	3949.7	3944.9
42.5°	2266.4	3015.6	3731.6	3755.3	3736.4	3760.0	3769.5	3788.5	3774.3	3755.3	3755.3
45°	2076.7	2930.2	3551.4	3579.8	3551.4	3589.4	3603.6	3603.6	3560.9	3551.4	3546.7
47.5°	2015.2	2759.6	3371.3	3371.3	3357.0	3404.4	3428.2	3394.9	3352.3	3338.0	3338.0
50°	2010.4	2569.9	3124.7	3105.7	3172.1	3229.0	3205.3	3172.1	3138.9	3086.8	3086.8
52.5°	1825.5	2337.6	2807.0	2878.1	2982.4	3015.6	2977.7	2944.5	2887.6	2863.9	2845.0
55°	1692.7	2095.8	2517.8	2660.0	2769.0	2811.7	2740.6	2707.4	2622.1	2607.8	2598.4
57.5°	1664.3	1744.9	2252.2	2432.4	2565.1	2560.5	2517.8	2456.1	2385.0	2370.8	2366.0
60°	1526.8	1261.3	1967.8	2181.1	2318.7	2304.4	2266.4	2209.6	2143.2	2133.7	2124.2
62.5°	1384.6	915.1	1645.3	1887.1	2081.5	2076.7	2043.6	1958.2	1910.9	1887.1	1868.2
65°	1175.9	768.1	1171.1	1569.5	1849.2	1858.7	1787.6	1725.9	1673.7	1645.3	1640.6
67.5°	896.2	625.9	791.8	1308.6	1626.4	1616.8	1526.8	1498.3	1431.9	1417.7	1389.2
70°	663.8	417.2	550.0	1062.1	1408.2	1384.6	1313.4	1280.2	1218.6	1185.3	1166.4
72.5°	550.0	336.6	403.0	825.0	1185.3	1156.9	1095.3	1057.4	1005.2	976.8	957.8
75°	445.7	355.6	308.2	611.7	962.5	943.5	886.6	848.7	806.0	768.1	772.9
77.5°	327.2	331.9	246.6	450.5	763.4	735.0	701.7	654.4	635.4	597.5	597.5
80°	246.6	260.8	184.9	308.2	550.0	550.0	521.5	488.4	455.2	436.2	436.2
82.5°	166.0	166.0	137.5	194.4	374.6	360.3	341.4	331.9	313.0	303.5	303.5
85°	75.8	94.8	85.4	118.5	203.9	213.3	213.3	203.9	199.1	189.7	194.4
87.5°	23.7	42.7	52.1	66.4	104.3	109.1	113.8	113.8	113.8	118.5	118.5
90°	2.8	5.0	7.3	7.8	12.3	18.3	21.3	19.0	14.2	10.6	10.6
92.5°	11.2	30.3	49.4	54.2	76.1	105.4	120.1	105.3	75.6	53.3	51.2
95°	26.9	61.8	96.8	105.5	187.4	296.5	351.1	313.3	237.7	181.0	174.6
97.5°	46.6	77.4	108.3	115.9	252.4	434.4	525.4	501.5	453.7	417.9	405.6
100°	61.7	89.7	117.6	124.6	276.1	478.0	579.0	580.8	584.2	586.8	572.3
102.5°	74.6	100.7	126.7	133.3	286.9	491.8	594.1	624.6	685.4	731.0	718.5
105°	96.6	118.6	140.7	146.2	295.0	493.2	592.4	660.6	797.1	899.4	892.7
107.5°	119.0	139.5	160.2	165.3	296.5	471.3	558.7	653.9	844.2	987.1	988.6
110°	134.1	152.7	171.3	176.0	294.2	451.9	530.7	637.1	849.8	1009.5	1016.5

TEST NUMBER: P934181

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-12-5000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	149.1	166.7	184.5	188.9	294.3	434.9	505.2	614.1	831.8	995.2	1005.9
115°	171.5	187.8	204.2	208.3	297.0	415.3	474.6	579.5	789.2	946.6	961.5
117.5°	193.6	208.5	223.3	227.1	302.5	403.2	453.6	548.3	737.6	879.5	896.1
120°	206.5	220.5	234.5	238.0	307.0	399.0	445.1	531.5	704.6	834.3	850.4
122.5°	219.2	233.3	247.3	250.9	313.5	396.9	438.6	516.5	672.3	789.1	804.9
125°	238.5	251.4	264.3	267.5	322.2	395.2	431.6	497.7	630.1	729.4	743.9
127.5°	254.2	267.2	280.2	283.5	330.9	394.1	425.7	482.5	596.2	681.4	693.7
130°	262.6	276.7	290.7	294.1	337.3	394.7	423.5	474.1	575.3	651.1	662.5
132.5°	271.4	285.3	299.3	302.8	342.4	395.2	421.5	466.8	557.4	625.3	635.5
135°	284.3	297.0	309.7	312.9	348.0	394.8	418.2	456.1	531.9	588.8	597.6
137.5°	297.5	310.1	322.6	325.8	356.4	397.2	417.6	449.6	513.7	561.8	569.0
140°	308.4	320.0	331.7	334.6	361.6	397.6	415.6	443.3	498.7	540.2	547.0
142.5°	316.8	327.6	338.3	341.0	365.8	399.0	415.6	439.9	488.6	525.1	530.9
145°	329.8	339.1	348.5	350.8	371.5	399.0	412.8	432.7	472.5	502.3	506.7
147.5°	342.7	351.7	360.9	363.1	379.7	401.8	412.8	428.5	459.8	483.3	486.9
150°	351.1	359.3	367.5	369.6	384.0	403.2	412.8	426.1	452.5	472.3	475.2
152.5°	359.8	366.0	372.2	373.8	386.8	404.1	412.8	424.1	446.7	463.6	465.9
155°	372.7	377.2	381.9	383.0	392.9	406.2	412.8	421.8	439.8	453.3	454.8
157.5°	382.2	386.7	391.3	392.4	399.2	408.3	412.8	419.8	433.7	444.2	445.2
160°	388.7	392.2	395.7	396.6	402.0	409.2	412.8	418.8	430.8	439.7	440.3
162.5°	395.2	397.8	400.4	401.1	405.0	410.2	412.8	417.9	428.0	435.5	436.1
165°	402.2	404.5	406.9	407.5	409.3	411.6	412.8	416.5	423.7	429.1	429.6
167.5°	408.6	409.7	410.9	411.1	412.6	414.6	415.6	418.0	422.7	426.3	426.6
170°	412.8	413.9	415.1	415.3	415.4	415.5	415.6	418.0	422.7	426.3	426.3
172.5°	415.1	415.3	415.5	415.6	415.6	415.6	415.6	417.5	421.2	424.0	423.8
175°	418.2	418.2	418.2	418.2	417.3	416.2	415.6	416.8	419.2	421.0	421.0
177.5°	418.2	418.2	418.2	418.2	417.5	416.7	416.2	417.1	419.0	420.4	420.1
180°	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2

TEST NUMBER: P934181

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-12-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8
2.5°	5139.8	5125.6	5139.8	5130.4	5135.1	5120.8	5078.2	5064.0	5078.2	5092.4	5092.4
5°	5201.4	5192.0	5201.4	5201.4	5196.8	5187.2	5139.8	5130.4	5139.8	5144.6	5135.1
7.5°	5220.4	5206.2	5220.4	5211.0	5211.0	5201.4	5154.1	5144.6	5149.3	5163.5	5149.3
10°	5220.4	5206.2	5220.4	5215.7	5211.0	5201.4	5154.1	5135.1	5135.1	5149.3	5135.1
12.5°	5196.8	5187.2	5196.8	5187.2	5187.2	5177.7	5130.4	5111.4	5116.1	5120.8	5101.9
15°	5158.8	5144.6	5158.8	5149.3	5154.1	5139.8	5087.7	5068.7	5068.7	5078.2	5045.0
17.5°	5101.9	5082.9	5101.9	5097.1	5092.4	5082.9	5035.5	5016.5	5011.8	5016.5	4992.9
20°	5035.5	5021.3	5035.5	5030.8	5030.8	5011.8	4964.4	4940.7	4940.7	4940.7	4916.9
22.5°	4931.2	4916.9	4931.2	4940.7	4940.7	4935.9	4893.2	4860.1	4850.6	4850.6	4822.1
25°	4812.6	4798.4	4812.6	4812.6	4808.0	4812.6	4798.4	4779.5	4765.3	4751.1	4722.6
27.5°	4698.9	4689.4	4698.9	4689.4	4698.9	4684.7	4679.9	4675.1	4656.2	4642.0	4604.1
30°	4585.1	4575.6	4585.1	4575.6	4566.1	4556.6	4532.9	4523.5	4542.4	4532.9	4471.2
32.5°	4442.9	4433.3	4442.9	4442.9	4433.3	4433.3	4395.4	4381.2	4386.0	4414.4	4357.5
35°	4295.8	4281.6	4295.8	4291.1	4295.8	4281.6	4257.9	4253.2	4234.2	4267.4	4224.7
37.5°	4125.1	4110.9	4125.1	4125.1	4125.1	4134.6	4115.7	4101.5	4073.0	4115.7	4082.5
40°	3949.7	3930.7	3949.7	3944.9	3949.7	3959.2	3949.7	3940.3	3911.8	3944.9	3916.5
42.5°	3750.6	3745.8	3750.6	3755.3	3755.3	3774.3	3788.5	3769.5	3760.0	3736.4	3755.3
45°	3537.2	3527.7	3537.2	3546.7	3551.4	3560.9	3603.6	3603.6	3589.4	3551.4	3579.8
47.5°	3309.6	3285.9	3309.6	3338.0	3338.0	3352.3	3394.9	3428.2	3404.4	3357.0	3371.3
50°	3067.8	3072.5	3067.8	3086.8	3086.8	3138.9	3172.1	3205.3	3229.0	3172.1	3105.7
52.5°	2830.7	2826.0	2830.7	2845.0	2863.9	2887.6	2944.5	2977.7	3015.6	2982.4	2878.1
55°	2593.6	2603.2	2593.6	2598.4	2607.8	2622.1	2707.4	2740.6	2811.7	2769.0	2660.0
57.5°	2356.6	2342.3	2356.6	2366.0	2370.8	2385.0	2456.1	2517.8	2560.5	2565.1	2432.4
60°	2081.5	2062.6	2081.5	2124.2	2133.7	2143.2	2209.6	2266.4	2304.4	2318.7	2181.1
62.5°	1839.7	1806.5	1839.7	1868.2	1887.1	1910.9	1958.2	2043.6	2076.7	2081.5	1887.1
65°	1583.7	1569.5	1583.7	1640.6	1645.3	1673.7	1725.9	1787.6	1858.7	1849.2	1569.5
67.5°	1351.3	1351.3	1351.3	1389.2	1417.7	1431.9	1498.3	1526.8	1616.8	1626.4	1308.6
70°	1138.0	1133.2	1138.0	1166.4	1185.3	1218.6	1280.2	1313.4	1384.6	1408.2	1062.1
72.5°	934.1	929.3	934.1	957.8	976.8	1005.2	1057.4	1095.3	1156.9	1185.3	825.0
75°	753.9	744.4	753.9	772.9	768.1	806.0	848.7	886.6	943.5	962.5	611.7
77.5°	578.4	578.4	578.4	597.5	597.5	635.4	654.4	701.7	735.0	763.4	450.5
80°	431.5	426.7	431.5	436.2	436.2	455.2	488.4	521.5	550.0	550.0	308.2
82.5°	303.5	293.9	303.5	303.5	303.5	313.0	331.9	341.4	360.3	374.6	194.4
85°	189.7	189.7	189.7	194.4	189.7	199.1	203.9	213.3	213.3	203.9	118.5
87.5°	123.3	118.5	123.3	118.5	118.5	113.8	113.8	113.8	109.1	104.3	66.4
90°	10.6	10.6	10.6	10.6	10.6	14.2	19.0	21.3	18.3	12.3	7.8
92.5°	42.8	34.3	42.8	51.2	53.3	75.6	105.3	120.1	105.4	76.1	54.2
95°	148.9	123.2	148.9	174.6	181.0	237.7	313.3	351.1	296.5	187.4	105.5
97.5°	356.8	307.8	356.8	405.6	417.9	453.7	501.5	525.4	434.4	252.4	115.9
100°	514.1	455.8	514.1	572.3	586.8	584.2	580.8	579.0	478.0	276.1	124.6
102.5°	668.7	618.8	668.7	718.5	731.0	685.4	624.6	594.1	491.8	286.9	133.3
105°	865.9	839.1	865.9	892.7	899.4	797.1	660.6	592.4	493.2	295.0	146.2
107.5°	995.2	1001.6	995.2	988.6	987.1	844.2	653.9	558.7	471.3	296.5	165.3
110°	1044.4	1072.3	1044.4	1016.5	1009.5	849.8	637.1	530.7	451.9	294.2	176.0

TEST NUMBER: P934181

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-12-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1048.8	1091.7	1048.8	1005.9	995.2	831.8	614.1	505.2	434.9	294.3	188.9
115°	1021.0	1080.5	1021.0	961.5	946.6	789.2	579.5	474.6	415.3	297.0	208.3
117.5°	962.0	1028.0	962.0	896.1	879.5	737.6	548.3	453.6	403.2	302.5	227.1
120°	914.5	978.6	914.5	850.4	834.3	704.6	531.5	445.1	399.0	307.0	238.0
122.5°	868.2	931.5	868.2	804.9	789.1	672.3	516.5	438.6	396.9	313.5	250.9
125°	802.1	860.4	802.1	743.9	729.4	630.1	497.7	431.6	395.2	322.2	267.5
127.5°	742.8	791.9	742.8	693.7	681.4	596.2	482.5	425.7	394.1	330.9	283.5
130°	707.9	753.3	707.9	662.5	651.1	575.3	474.1	423.5	394.7	337.3	294.1
132.5°	676.1	716.8	676.1	635.5	625.3	557.4	466.8	421.5	395.2	342.4	302.8
135°	632.6	667.6	632.6	597.6	588.8	531.9	456.1	418.2	394.8	348.0	312.9
137.5°	597.7	626.4	597.7	569.0	561.8	513.7	449.6	417.6	397.2	356.4	325.8
140°	573.8	600.6	573.8	547.0	540.2	498.7	443.3	415.6	397.6	361.6	334.6
142.5°	554.0	577.0	554.0	530.9	525.1	488.6	439.9	415.6	399.0	365.8	341.0
145°	524.2	541.6	524.2	506.7	502.3	472.5	432.7	412.8	399.0	371.5	350.8
147.5°	501.4	515.8	501.4	486.9	483.3	459.8	428.5	412.8	401.8	379.7	363.1
150°	487.0	498.7	487.0	475.2	472.3	452.5	426.1	412.8	403.2	384.0	369.6
152.5°	474.7	483.5	474.7	465.9	463.6	446.7	424.1	412.8	404.1	386.8	373.8
155°	460.6	466.4	460.6	454.8	453.3	439.8	421.8	412.8	406.2	392.9	383.0
157.5°	449.4	453.6	449.4	445.2	444.2	433.7	419.8	412.8	408.3	399.2	392.4
160°	442.7	445.1	442.7	440.3	439.7	430.8	418.8	412.8	409.2	402.0	396.6
162.5°	438.3	440.6	438.3	436.1	435.5	428.0	417.9	412.8	410.2	405.0	401.1
165°	432.1	434.4	432.1	429.6	429.1	423.7	416.5	412.8	411.6	409.3	407.5
167.5°	427.5	428.5	427.5	426.6	426.3	422.7	418.0	415.6	414.6	412.6	411.1
170°	426.3	426.3	426.3	426.3	426.3	422.7	418.0	415.6	415.5	415.4	415.3
172.5°	422.9	422.1	422.9	423.8	424.0	421.2	417.5	415.6	415.6	415.6	415.6
175°	421.0	421.0	421.0	421.0	421.0	419.2	416.8	415.6	416.2	417.3	418.2
177.5°	419.2	418.2	419.2	420.1	420.4	419.0	417.1	416.2	416.7	417.5	418.2
180°	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2

TEST NUMBER: P934181

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-12-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8
2.5°	5082.9	5054.5	5054.5	5007.1	4988.1	4973.9	4950.2	4879.0	4860.1	4841.1	4869.6
5°	5125.6	5073.5	5035.5	4950.2	4879.0	4850.6	4760.5	4589.8	4476.0	4390.6	4343.3
7.5°	5135.1	5068.7	4997.6	4864.8	4694.1	4618.3	4343.3	4030.3	3944.9	3869.1	3821.6
10°	5125.6	5049.8	4950.2	4751.1	4348.0	4215.2	3940.3	3736.4	3684.2	3670.0	3684.2
12.5°	5092.4	5021.3	4883.8	4551.8	3987.6	3897.6	3736.4	3617.8	3608.3	3632.0	3760.0
15°	5035.5	4969.2	4808.0	4286.3	3788.5	3722.1	3608.3	3565.6	3617.8	3783.7	4167.8
17.5°	4978.6	4902.8	4703.6	4025.5	3636.8	3589.4	3508.8	3594.1	3888.1	4110.9	4239.0
20°	4902.8	4812.6	4585.1	3835.9	3527.7	3485.0	3447.1	3831.2	4054.0	4134.6	4205.7
22.5°	4812.6	4717.8	4423.9	3703.1	3414.0	3380.7	3404.4	3963.9	4054.0	4110.9	4172.6
25°	4694.1	4613.5	4234.2	3598.8	3323.8	3285.9	3375.9	3949.7	4001.8	4016.1	4139.4
27.5°	4585.1	4480.8	4035.1	3504.0	3214.7	3200.5	3399.7	3888.1	3926.0	3940.3	4073.0
30°	4452.3	4295.8	3812.2	3404.4	3101.0	3096.2	3404.4	3812.2	3802.7	3840.6	3973.4
32.5°	4314.8	4020.9	3560.9	3281.1	2991.9	2987.2	3371.3	3698.4	3688.9	3741.0	3840.6
35°	4186.7	3807.5	3219.5	3138.9	2854.4	2859.2	3290.7	3565.6	3570.4	3617.8	3679.4
37.5°	4054.0	3622.5	2845.0	2982.4	2721.7	2721.7	3181.6	3442.4	3432.9	3447.1	3532.5
40°	3897.6	3333.3	2513.0	2778.6	2598.4	2584.1	3048.9	3309.6	3276.4	3271.7	3390.2
42.5°	3731.6	3015.6	2266.4	2508.3	2456.1	2437.2	2887.6	3148.4	3086.8	3101.0	3252.7
45°	3551.4	2930.2	2076.7	2119.4	2309.1	2294.9	2712.1	2963.5	2920.8	2958.7	3115.2
47.5°	3371.3	2759.6	2015.2	1759.1	2152.7	2147.9	2517.8	2783.3	2759.6	2797.5	2963.5
50°	3124.7	2569.9	2010.4	1507.8	1977.2	1996.1	2285.4	2607.8	2607.8	2641.1	2816.5
52.5°	2807.0	2337.6	1825.5	1365.6	1773.3	1830.3	2081.5	2456.1	2465.6	2498.8	2655.3
55°	2517.8	2095.8	1692.7	1256.5	1531.5	1654.8	1882.4	2299.6	2318.7	2351.8	2494.1
57.5°	2252.2	1744.9	1664.3	1128.5	1308.6	1427.2	1707.0	2147.9	2157.4	2185.8	2323.3
60°	1967.8	1261.3	1526.8	991.0	1114.3	1204.4	1545.8	1967.8	2000.9	2019.9	2138.4
62.5°	1645.3	915.1	1384.6	896.2	1019.5	1038.4	1413.0	1797.0	1839.7	1853.9	1925.1
65°	1171.1	768.1	1175.9	815.6	919.9	924.6	1270.7	1621.6	1659.5	1683.3	1735.4
67.5°	791.8	625.9	896.2	739.6	844.0	848.7	1133.2	1417.7	1469.8	1488.9	1522.0
70°	550.0	417.2	663.8	659.0	758.7	768.1	986.2	1232.8	1280.2	1294.4	1313.4
72.5°	403.0	336.6	550.0	592.7	668.6	678.1	834.5	1024.1	1071.6	1085.8	1095.3
75°	308.2	355.6	445.7	516.8	569.0	573.8	682.8	834.5	867.7	877.2	881.9
77.5°	246.6	331.9	327.2	417.2	464.7	455.2	535.8	644.8	673.3	673.3	673.3
80°	184.9	260.8	246.6	298.7	341.4	331.9	384.1	459.9	469.4	478.9	474.2
82.5°	137.5	166.0	166.0	189.7	227.6	218.1	256.0	298.7	298.7	298.7	308.2
85°	85.4	94.8	75.8	99.6	128.1	123.3	142.2	161.2	166.0	166.0	156.4
87.5°	52.1	42.7	23.7	37.9	56.9	56.9	66.4	71.1	66.4	66.4	66.4
90°	7.3	5.0	2.8	5.0	7.3	7.8	12.3	18.3	21.3	19.0	14.2
92.5°	49.4	30.3	11.2	30.3	49.4	54.2	76.1	105.4	120.1	105.3	75.6
95°	96.8	61.8	26.9	61.8	96.8	105.5	187.4	296.5	351.1	313.3	237.7
97.5°	108.3	77.4	46.6	77.4	108.3	115.9	252.4	434.4	525.4	501.5	453.7
100°	117.6	89.7	61.7	89.7	117.6	124.6	276.1	478.0	579.0	580.8	584.2
102.5°	126.7	100.7	74.6	100.7	126.7	133.3	286.9	491.8	594.1	624.6	685.4
105°	140.7	118.6	96.6	118.6	140.7	146.2	295.0	493.2	592.4	660.6	797.1
107.5°	160.2	139.5	119.0	139.5	160.2	165.3	296.5	471.3	558.7	653.9	844.2
110°	171.3	152.7	134.1	152.7	171.3	176.0	294.2	451.9	530.7	637.1	849.8

TEST NUMBER: P934181

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-12-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	184.5	166.7	149.1	166.7	184.5	188.9	294.3	434.9	505.2	614.1	831.8
115°	204.2	187.8	171.5	187.8	204.2	208.3	297.0	415.3	474.6	579.5	789.2
117.5°	223.3	208.5	193.6	208.5	223.3	227.1	302.5	403.2	453.6	548.3	737.6
120°	234.5	220.5	206.5	220.5	234.5	238.0	307.0	399.0	445.1	531.5	704.6
122.5°	247.3	233.3	219.2	233.3	247.3	250.9	313.5	396.9	438.6	516.5	672.3
125°	264.3	251.4	238.5	251.4	264.3	267.5	322.2	395.2	431.6	497.7	630.1
127.5°	280.2	267.2	254.2	267.2	280.2	283.5	330.9	394.1	425.7	482.5	596.2
130°	290.7	276.7	262.6	276.7	290.7	294.1	337.3	394.7	423.5	474.1	575.3
132.5°	299.3	285.3	271.4	285.3	299.3	302.8	342.4	395.2	421.5	466.8	557.4
135°	309.7	297.0	284.3	297.0	309.7	312.9	348.0	394.8	418.2	456.1	531.9
137.5°	322.6	310.1	297.5	310.1	322.6	325.8	356.4	397.2	417.6	449.6	513.7
140°	331.7	320.0	308.4	320.0	331.7	334.6	361.6	397.6	415.6	443.3	498.7
142.5°	338.3	327.6	316.8	327.6	338.3	341.0	365.8	399.0	415.6	439.9	488.6
145°	348.5	339.1	329.8	339.1	348.5	350.8	371.5	399.0	412.8	432.7	472.5
147.5°	360.9	351.7	342.7	351.7	360.9	363.1	379.7	401.8	412.8	428.5	459.8
150°	367.5	359.3	351.1	359.3	367.5	369.6	384.0	403.2	412.8	426.1	452.5
152.5°	372.2	366.0	359.8	366.0	372.2	373.8	386.8	404.1	412.8	424.1	446.7
155°	381.9	377.2	372.7	377.2	381.9	383.0	392.9	406.2	412.8	421.8	439.8
157.5°	391.3	386.7	382.2	386.7	391.3	392.4	399.2	408.3	412.8	419.8	433.7
160°	395.7	392.2	388.7	392.2	395.7	396.6	402.0	409.2	412.8	418.8	430.8
162.5°	400.4	397.8	395.2	397.8	400.4	401.1	405.0	410.2	412.8	417.9	428.0
165°	406.9	404.5	402.2	404.5	406.9	407.5	409.3	411.6	412.8	416.5	423.7
167.5°	410.9	409.7	408.6	409.7	410.9	411.1	412.6	414.6	415.6	418.0	422.7
170°	415.1	413.9	412.8	413.9	415.1	415.3	415.4	415.5	415.6	418.0	422.7
172.5°	415.5	415.3	415.1	415.3	415.5	415.6	415.6	415.6	415.6	417.5	421.2
175°	418.2	418.2	418.2	418.2	418.2	418.2	417.3	416.2	415.6	416.8	419.2
177.5°	418.2	418.2	418.2	418.2	418.2	418.2	417.5	416.7	416.2	417.1	419.0
180°	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2

TEST NUMBER: P934181

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-12-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8	5011.8
2.5°	4836.3	4822.1	4841.1	4789.0	4841.1	4822.1	4836.3	4869.6	4841.1	4860.1	4879.0
5°	4243.7	4220.0	4144.1	4082.5	4144.1	4220.0	4243.7	4343.3	4390.6	4476.0	4589.8
7.5°	3793.3	3774.3	3755.3	3717.4	3755.3	3774.3	3793.3	3821.6	3869.1	3944.9	4030.3
10°	3693.7	3698.4	3726.8	3722.1	3726.8	3698.4	3693.7	3684.2	3670.0	3684.2	3736.4
12.5°	3949.7	3992.4	4148.8	4139.4	4148.8	3992.4	3949.7	3760.0	3632.0	3608.3	3617.8
15°	4243.7	4257.9	4291.1	4295.8	4291.1	4257.9	4243.7	4167.8	3783.7	3617.8	3565.6
17.5°	4272.1	4276.9	4300.6	4300.6	4300.6	4276.9	4272.1	4239.0	4110.9	3888.1	3594.1
20°	4248.4	4257.9	4305.4	4314.8	4305.4	4257.9	4248.4	4205.7	4134.6	4054.0	3831.2
22.5°	4239.0	4257.9	4295.8	4291.1	4295.8	4257.9	4239.0	4172.6	4110.9	4054.0	3963.9
25°	4191.5	4191.5	4196.3	4201.0	4196.3	4191.5	4191.5	4139.4	4016.1	4001.8	3949.7
27.5°	4091.9	4101.5	4129.9	4125.1	4129.9	4101.5	4091.9	4073.0	3940.3	3926.0	3888.1
30°	4001.8	3992.4	3968.7	3949.7	3968.7	3992.4	4001.8	3973.4	3840.6	3802.7	3812.2
32.5°	3850.1	3826.4	3802.7	3788.5	3802.7	3826.4	3850.1	3840.6	3741.0	3688.9	3698.4
35°	3670.0	3674.7	3670.0	3655.8	3670.0	3674.7	3670.0	3679.4	3617.8	3570.4	3565.6
37.5°	3541.9	3551.4	3546.7	3527.7	3546.7	3551.4	3541.9	3532.5	3447.1	3432.9	3442.4
40°	3409.2	3414.0	3409.2	3394.9	3409.2	3414.0	3409.2	3390.2	3271.7	3276.4	3309.6
42.5°	3281.1	3276.4	3262.2	3252.7	3262.2	3276.4	3281.1	3252.7	3101.0	3086.8	3148.4
45°	3134.1	3138.9	3110.4	3096.2	3110.4	3138.9	3134.1	3115.2	2958.7	2920.8	2963.5
47.5°	2987.2	2987.2	2963.5	2949.2	2963.5	2987.2	2987.2	2963.5	2797.5	2759.6	2783.3
50°	2830.7	2826.0	2792.8	2788.0	2792.8	2826.0	2830.7	2816.5	2641.1	2607.8	2607.8
52.5°	2650.5	2650.5	2655.3	2664.7	2655.3	2650.5	2650.5	2655.3	2498.8	2465.6	2456.1
55°	2494.1	2498.8	2532.0	2541.5	2532.0	2498.8	2494.1	2494.1	2351.8	2318.7	2299.6
57.5°	2332.9	2332.9	2356.6	2356.6	2356.6	2332.9	2332.9	2323.3	2185.8	2157.4	2147.9
60°	2147.9	2157.4	2176.4	2171.6	2176.4	2157.4	2147.9	2138.4	2019.9	2000.9	1967.8
62.5°	1953.6	1963.0	1967.8	1958.2	1967.8	1963.0	1953.6	1925.1	1853.9	1839.7	1797.0
65°	1749.7	1759.1	1763.9	1754.3	1763.9	1759.1	1749.7	1735.4	1683.3	1659.5	1621.6
67.5°	1541.0	1536.2	1531.5	1550.4	1531.5	1536.2	1541.0	1522.0	1488.9	1469.8	1417.7
70°	1327.6	1327.6	1322.9	1332.4	1322.9	1327.6	1327.6	1313.4	1294.4	1280.2	1232.8
72.5°	1100.1	1095.3	1114.3	1100.1	1114.3	1095.3	1100.1	1095.3	1085.8	1071.6	1024.1
75°	877.2	886.6	877.2	891.4	877.2	886.6	877.2	881.9	877.2	867.7	834.5
77.5°	668.6	678.1	668.6	668.6	668.6	678.1	668.6	673.3	673.3	673.3	644.8
80°	474.2	469.4	469.4	464.7	469.4	469.4	474.2	474.2	478.9	469.4	459.9
82.5°	303.5	298.7	298.7	308.2	298.7	298.7	303.5	308.2	298.7	298.7	298.7
85°	166.0	170.7	161.2	161.2	161.2	170.7	166.0	156.4	166.0	166.0	161.2
87.5°	61.6	56.9	56.9	56.9	56.9	56.9	61.6	66.4	66.4	66.4	71.1
90°	10.6	10.6	10.6	10.6	10.6	10.6	10.6	14.2	19.0	21.3	18.3
92.5°	53.3	51.2	42.8	34.3	42.8	51.2	53.3	75.6	105.3	120.1	105.4
95°	181.0	174.6	148.9	123.2	148.9	174.6	181.0	237.7	313.3	351.1	296.5
97.5°	417.9	405.6	356.8	307.8	356.8	405.6	417.9	453.7	501.5	525.4	434.4
100°	586.8	572.3	514.1	455.8	514.1	572.3	586.8	584.2	580.8	579.0	478.0
102.5°	731.0	718.5	668.7	618.8	668.7	718.5	731.0	685.4	624.6	594.1	491.8
105°	899.4	892.7	865.9	839.1	865.9	892.7	899.4	797.1	660.6	592.4	493.2
107.5°	987.1	988.6	995.2	1001.6	995.2	988.6	987.1	844.2	653.9	558.7	471.3
110°	1009.5	1016.5	1044.4	1072.3	1044.4	1016.5	1009.5	849.8	637.1	530.7	451.9

TEST NUMBER: P934181

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-12-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	995.2	1005.9	1048.8	1091.7	1048.8	1005.9	995.2	831.8	614.1	505.2	434.9
115°	946.6	961.5	1021.0	1080.5	1021.0	961.5	946.6	789.2	579.5	474.6	415.3
117.5°	879.5	896.1	962.0	1028.0	962.0	896.1	879.5	737.6	548.3	453.6	403.2
120°	834.3	850.4	914.5	978.6	914.5	850.4	834.3	704.6	531.5	445.1	399.0
122.5°	789.1	804.9	868.2	931.5	868.2	804.9	789.1	672.3	516.5	438.6	396.9
125°	729.4	743.9	802.1	860.4	802.1	743.9	729.4	630.1	497.7	431.6	395.2
127.5°	681.4	693.7	742.8	791.9	742.8	693.7	681.4	596.2	482.5	425.7	394.1
130°	651.1	662.5	707.9	753.3	707.9	662.5	651.1	575.3	474.1	423.5	394.7
132.5°	625.3	635.5	676.1	716.8	676.1	635.5	625.3	557.4	466.8	421.5	395.2
135°	588.8	597.6	632.6	667.6	632.6	597.6	588.8	531.9	456.1	418.2	394.8
137.5°	561.8	569.0	597.7	626.4	597.7	569.0	561.8	513.7	449.6	417.6	397.2
140°	540.2	547.0	573.8	600.6	573.8	547.0	540.2	498.7	443.3	415.6	397.6
142.5°	525.1	530.9	554.0	577.0	554.0	530.9	525.1	488.6	439.9	415.6	399.0
145°	502.3	506.7	524.2	541.6	524.2	506.7	502.3	472.5	432.7	412.8	399.0
147.5°	483.3	486.9	501.4	515.8	501.4	486.9	483.3	459.8	428.5	412.8	401.8
150°	472.3	475.2	487.0	498.7	487.0	475.2	472.3	452.5	426.1	412.8	403.2
152.5°	463.6	465.9	474.7	483.5	474.7	465.9	463.6	446.7	424.1	412.8	404.1
155°	453.3	454.8	460.6	466.4	460.6	454.8	453.3	439.8	421.8	412.8	406.2
157.5°	444.2	445.2	449.4	453.6	449.4	445.2	444.2	433.7	419.8	412.8	408.3
160°	439.7	440.3	442.7	445.1	442.7	440.3	439.7	430.8	418.8	412.8	409.2
162.5°	435.5	436.1	438.3	440.6	438.3	436.1	435.5	428.0	417.9	412.8	410.2
165°	429.1	429.6	432.1	434.4	432.1	429.6	429.1	423.7	416.5	412.8	411.6
167.5°	426.3	426.6	427.5	428.5	427.5	426.6	426.3	422.7	418.0	415.6	414.6
170°	426.3	426.3	426.3	426.3	426.3	426.3	426.3	422.7	418.0	415.6	415.5
172.5°	424.0	423.8	422.9	422.1	422.9	423.8	424.0	421.2	417.5	415.6	415.6
175°	421.0	421.0	421.0	421.0	421.0	421.0	421.0	419.2	416.8	415.6	416.2
177.5°	420.4	420.1	419.2	418.2	419.2	420.1	420.4	419.0	417.1	416.2	416.7
180°	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2	418.2

TEST NUMBER: P934181

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-12-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	5011.8	5011.8	5011.8	5011.8	5011.8
2.5°	4950.2	4973.9	4988.1	5007.1	5054.5
5°	4760.5	4850.6	4879.0	4950.2	5035.5
7.5°	4343.3	4618.3	4694.1	4864.8	4997.6
10°	3940.3	4215.2	4348.0	4751.1	4950.2
12.5°	3736.4	3897.6	3987.6	4551.8	4883.8
15°	3608.3	3722.1	3788.5	4286.3	4808.0
17.5°	3508.8	3589.4	3636.8	4025.5	4703.6
20°	3447.1	3485.0	3527.7	3835.9	4585.1
22.5°	3404.4	3380.7	3414.0	3703.1	4423.9
25°	3375.9	3285.9	3323.8	3598.8	4234.2
27.5°	3399.7	3200.5	3214.7	3504.0	4035.1
30°	3404.4	3096.2	3101.0	3404.4	3812.2
32.5°	3371.3	2987.2	2991.9	3281.1	3560.9
35°	3290.7	2859.2	2854.4	3138.9	3219.5
37.5°	3181.6	2721.7	2721.7	2982.4	2845.0
40°	3048.9	2584.1	2598.4	2778.6	2513.0
42.5°	2887.6	2437.2	2456.1	2508.3	2266.4
45°	2712.1	2294.9	2309.1	2119.4	2076.7
47.5°	2517.8	2147.9	2152.7	1759.1	2015.2
50°	2285.4	1996.1	1977.2	1507.8	2010.4
52.5°	2081.5	1830.3	1773.3	1365.6	1825.5
55°	1882.4	1654.8	1531.5	1256.5	1692.7
57.5°	1707.0	1427.2	1308.6	1128.5	1664.3
60°	1545.8	1204.4	1114.3	991.0	1526.8
62.5°	1413.0	1038.4	1019.5	896.2	1384.6
65°	1270.7	924.6	919.9	815.6	1175.9
67.5°	1133.2	848.7	844.0	739.6	896.2
70°	986.2	768.1	758.7	659.0	663.8
72.5°	834.5	678.1	668.6	592.7	550.0
75°	682.8	573.8	569.0	516.8	445.7
77.5°	535.8	455.2	464.7	417.2	327.2
80°	384.1	331.9	341.4	298.7	246.6
82.5°	256.0	218.1	227.6	189.7	166.0
85°	142.2	123.3	128.1	99.6	75.8
87.5°	66.4	56.9	56.9	37.9	23.7
90°	12.3	7.8	7.3	5.0	2.8
92.5°	76.1	54.2	49.4	30.3	11.2
95°	187.4	105.5	96.8	61.8	26.9
97.5°	252.4	115.9	108.3	77.4	46.6
100°	276.1	124.6	117.6	89.7	61.7
102.5°	286.9	133.3	126.7	100.7	74.6
105°	295.0	146.2	140.7	118.6	96.6
107.5°	296.5	165.3	160.2	139.5	119.0
110°	294.2	176.0	171.3	152.7	134.1

TEST NUMBER: P934181

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-12-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	294.3	188.9	184.5	166.7	149.1
115°	297.0	208.3	204.2	187.8	171.5
117.5°	302.5	227.1	223.3	208.5	193.6
120°	307.0	238.0	234.5	220.5	206.5
122.5°	313.5	250.9	247.3	233.3	219.2
125°	322.2	267.5	264.3	251.4	238.5
127.5°	330.9	283.5	280.2	267.2	254.2
130°	337.3	294.1	290.7	276.7	262.6
132.5°	342.4	302.8	299.3	285.3	271.4
135°	348.0	312.9	309.7	297.0	284.3
137.5°	356.4	325.8	322.6	310.1	297.5
140°	361.6	334.6	331.7	320.0	308.4
142.5°	365.8	341.0	338.3	327.6	316.8
145°	371.5	350.8	348.5	339.1	329.8
147.5°	379.7	363.1	360.9	351.7	342.7
150°	384.0	369.6	367.5	359.3	351.1
152.5°	386.8	373.8	372.2	366.0	359.8
155°	392.9	383.0	381.9	377.2	372.7
157.5°	399.2	392.4	391.3	386.7	382.2
160°	402.0	396.6	395.7	392.2	388.7
162.5°	405.0	401.1	400.4	397.8	395.2
165°	409.3	407.5	406.9	404.5	402.2
167.5°	412.6	411.1	410.9	409.7	408.6
170°	415.4	415.3	415.1	413.9	412.8
172.5°	415.6	415.6	415.5	415.3	415.1
175°	417.3	418.2	418.2	418.2	418.2
177.5°	417.5	418.2	418.2	418.2	418.2
180°	418.2	418.2	418.2	418.2	418.2

TEST NUMBER: P934181

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-W2A-W-12-5000K

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	16.95	18.21	17.56	18.83	19.54	19.80	21.06	20.41	21.68	22.39
	3H	17.45	18.58	18.08	19.22	19.97	21.18	22.31	21.81	22.95	23.69
	4H	17.66	18.73	18.31	19.38	20.14	21.64	22.71	22.29	23.36	24.12
	6H	17.80	18.79	18.46	19.44	20.22	21.96	22.94	22.62	23.60	24.38
	8H	17.81	18.75	18.48	19.43	20.21	22.04	22.98	22.72	23.66	24.44
	12H	17.80	18.69	18.47	19.37	20.17	22.10	23.00	22.78	23.67	24.48
4H	2H	18.03	19.10	18.68	19.75	20.51	20.25	21.32	20.90	21.97	22.73
	3H	19.09	19.98	19.76	20.67	21.45	21.80	22.69	22.46	23.38	24.16
	4H	19.39	20.19	20.07	20.88	21.69	22.35	23.16	23.03	23.85	24.66
	6H	19.53	20.23	20.23	20.95	21.77	22.74	23.44	23.44	24.16	24.98
	8H	19.55	20.20	20.25	20.92	21.75	22.86	23.52	23.57	24.23	25.06
	12H	19.53	20.12	20.26	20.86	21.70	22.94	23.53	23.67	24.27	25.11
8H	4H	19.87	20.53	20.58	21.24	22.08	22.50	23.16	23.21	23.87	24.71
	6H	20.15	20.69	20.89	21.45	22.29	22.96	23.51	23.70	24.26	25.10
	8H	20.20	20.68	20.95	21.44	22.29	23.12	23.61	23.87	24.37	25.22
	12H	20.20	20.63	20.95	21.38	22.29	23.24	23.67	23.99	24.42	25.33
12H	4H	19.90	20.49	20.63	21.23	22.06	22.49	23.08	23.21	23.81	24.65
	6H	20.22	20.70	20.97	21.46	22.31	22.96	23.45	23.71	24.21	25.06
	8H	20.30	20.73	21.05	21.48	22.39	23.15	23.57	23.90	24.32	25.23

END OF REPORT