

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: P934177

Luminaire Tested: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-2700K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934177
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-STD-W-12-2700K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

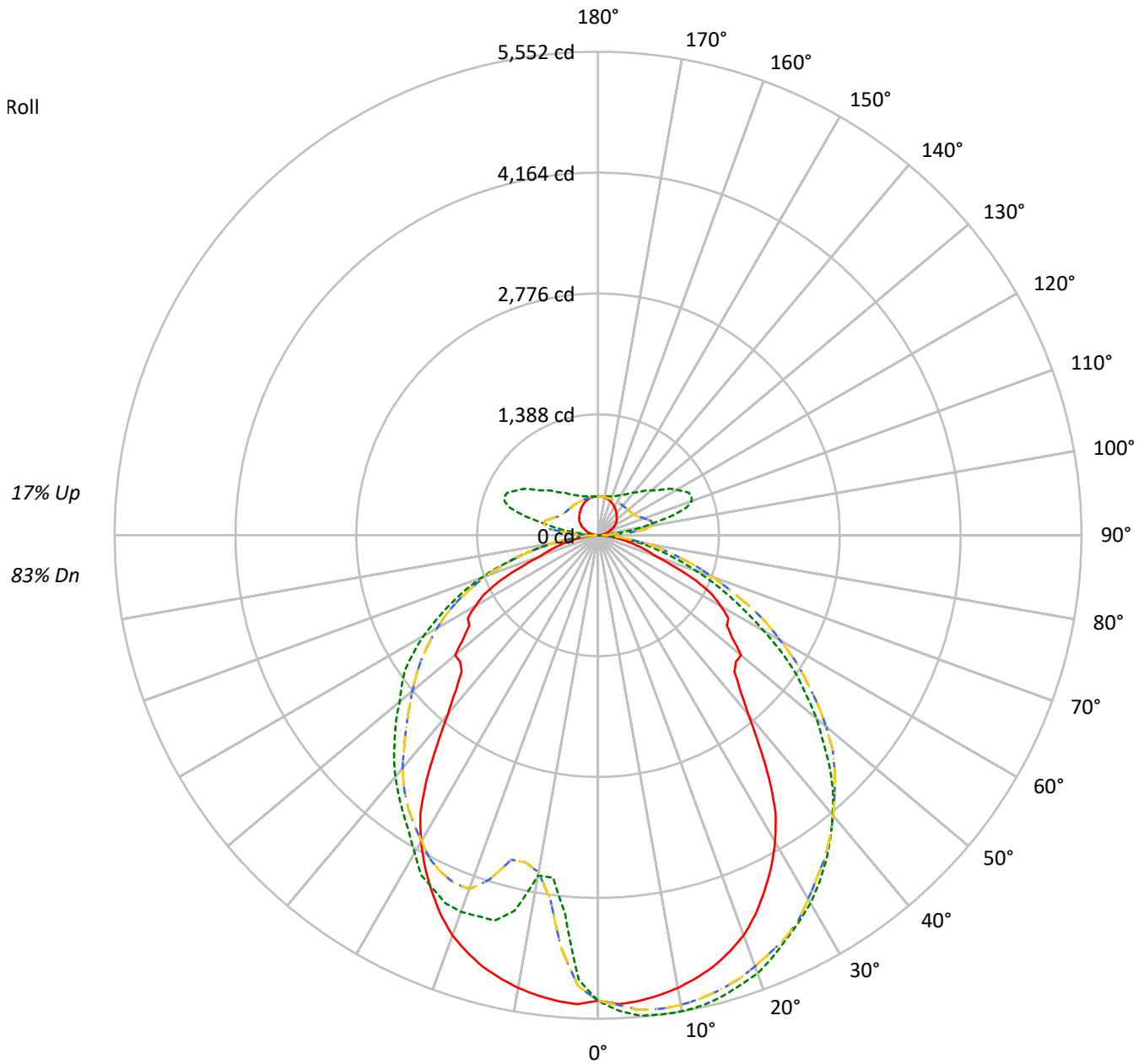
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16749.7 lumens
Efficiency: N/A
Efficacy: 112.6 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: P934177
CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-2700K

Luminous Intensity Polar Plot



— 0°-180° - - 45°-225° - · - 90°-270° - · - 135°-315°



TEST NUMBER: P934177

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-2700K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	16531	16531	16531	16531
5°	16660	16687	16660	13121
10°	16555	16438	16555	11752
15°	16381	16082	16381	13428
20°	16046	15660	16046	13456
25°	15350	15044	15350	13171
30°	14450	14533	14450	12546
35°	12888	13887	12888	11857
40°	10745	13127	10745	11337
45°	9607	12236	9607	10739
50°	10215	11174	10215	10140
55°	9620	10030	9620	9793
60°	9929	8519	9929	8969
65°	9017	7042	9017	7871
70°	6259	5612	6259	6598
75°	5509	4148	5509	4968
80°	4472	2743	4472	2986
85°	2621	1453	2621	1235

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14716 cd/sqm



TEST NUMBER: P934177

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	482.4	2.9
10°-20°	1369.8	8.2
20°-30°	2117.4	12.6
30°-40°	2527.7	15.1
40°-50°	2542.6	15.2
50°-60°	2212.3	13.2
60°-70°	1568.6	9.4
70°-80°	829.9	5.0
80°-90°	208.4	1.2
90°-100°	217.4	1.3
100°-110°	571.4	3.4
110°-120°	592.5	3.5
120°-130°	475.3	2.8
130°-140°	372.9	2.2
140°-150°	286.2	1.7
150°-160°	206.1	1.2
160°-170°	126.1	0.8
170°-180°	42.6	0.3
0°-30°	3969.6	23.7
0°-40°	6497.3	38.8
0°-60°	11252.2	67.2
0°-90°	13859.0	82.7
90°-120°	1381.3	8.2
90°-150°	2515.8	15.0
90°-180°	2891.0	17.3
0°-180°	16749.7	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5344	5344	5344	5344	5344	
5°	5370	5537	5370	4354	5370	509
15°	5127	5486	5127	4581	5127	1443
25°	4515	5117	4515	4480	4515	2073
35°	3433	4566	3433	3898	3433	2124
45°	2215	3762	2215	3302	2215	1774
55°	1805	2776	1805	2710	1805	1659
65°	1254	1674	1254	1871	1254	1199
75°	475	794	475	951	475	500
85°	81	202	81	172	81	109
90°	3	11	3	11	3	6
95°	29	131	29	131	29	32
105°	103	895	103	895	103	109
115°	183	1152	183	1152	183	181
125°	254	918	254	918	254	226
135°	303	712	303	712	303	235
145°	352	578	352	578	352	220
155°	397	497	397	497	397	183
165°	429	463	429	463	429	121
175°	446	449	446	449	446	42
180°	446	446	446	446	446	



TEST NUMBER: P934177
 CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5
2.5°	5390.1	5390.1	5420.3	5430.5	5430.5	5415.3	5400.1	5415.3	5460.8	5476.0	5470.9
5°	5369.7	5410.3	5465.8	5476.0	5486.1	5481.0	5470.9	5481.0	5531.6	5541.7	5546.7
7.5°	5329.3	5405.2	5476.0	5491.1	5506.3	5491.1	5486.1	5496.2	5546.7	5556.9	5556.9
10°	5278.8	5385.0	5465.8	5476.0	5491.1	5476.0	5476.0	5496.2	5546.7	5556.9	5562.0
12.5°	5208.0	5354.6	5430.5	5440.6	5460.8	5455.7	5450.7	5470.9	5521.4	5531.6	5531.6
15°	5127.1	5299.0	5369.7	5379.9	5415.3	5405.2	5405.2	5425.4	5481.0	5496.2	5491.1
17.5°	5015.9	5228.2	5309.1	5324.3	5349.5	5344.5	5349.5	5369.7	5420.3	5430.5	5435.5
20°	4889.5	5132.1	5228.2	5243.3	5268.6	5268.6	5268.6	5293.9	5344.5	5364.8	5364.8
22.5°	4717.6	5031.0	5132.1	5142.2	5172.6	5172.6	5182.7	5218.0	5263.6	5268.6	5268.6
25°	4515.3	4919.7	5005.7	5036.1	5066.5	5081.6	5096.7	5117.0	5132.1	5127.1	5132.1
27.5°	4302.9	4778.2	4889.5	4909.7	4950.1	4965.3	4985.5	4990.6	4995.6	5010.8	5000.7
30°	4065.3	4581.0	4747.8	4768.1	4833.8	4843.9	4823.7	4833.8	4859.1	4869.2	4879.3
32.5°	3797.2	4287.8	4601.2	4646.7	4707.4	4677.1	4672.0	4687.2	4727.6	4727.6	4737.8
35°	3433.2	4060.2	4464.7	4505.1	4550.6	4515.3	4535.5	4540.6	4565.9	4581.0	4575.9
37.5°	3033.8	3863.0	4323.1	4353.5	4388.9	4343.4	4373.7	4388.9	4409.1	4398.9	4398.9
40°	2679.8	3554.5	4156.3	4176.5	4206.8	4171.4	4201.8	4211.9	4222.0	4211.9	4206.8
42.5°	2416.9	3215.8	3979.3	4004.6	3984.4	4009.6	4019.8	4040.0	4024.8	4004.6	4004.6
45°	2214.6	3124.8	3787.2	3817.5	3787.2	3827.6	3842.8	3842.8	3797.2	3787.2	3782.1
47.5°	2149.0	2942.8	3595.1	3595.1	3579.8	3630.4	3655.7	3620.3	3574.8	3559.6	3559.6
50°	2143.9	2740.5	3332.1	3311.9	3382.6	3443.4	3418.1	3382.6	3347.3	3291.7	3291.7
52.5°	1946.7	2492.8	2993.3	3069.2	3180.4	3215.8	3175.3	3140.0	3079.2	3054.0	3033.8
55°	1805.1	2234.9	2684.9	2836.6	2952.8	2998.4	2922.6	2887.1	2796.2	2780.9	2770.9
57.5°	1774.8	1860.7	2401.8	2593.9	2735.4	2730.4	2684.9	2619.2	2543.3	2528.1	2523.1
60°	1628.2	1345.0	2098.4	2325.9	2472.6	2457.3	2416.9	2356.2	2285.4	2275.4	2265.2
62.5°	1476.5	975.9	1754.6	2012.4	2219.7	2214.6	2179.2	2088.2	2037.7	2012.4	1992.2
65°	1254.0	819.1	1248.9	1673.7	1972.0	1982.0	1906.2	1840.5	1784.8	1754.6	1749.5
67.5°	955.7	667.4	844.4	1395.5	1734.3	1724.2	1628.2	1597.8	1527.0	1511.8	1481.5
70°	707.9	444.9	586.5	1132.7	1501.7	1476.5	1400.6	1365.2	1299.5	1264.0	1243.8
72.5°	586.5	359.0	429.8	879.8	1264.0	1233.7	1168.0	1127.6	1071.9	1041.6	1021.4
75°	475.3	379.2	328.7	652.3	1026.4	1006.2	945.5	905.1	859.5	819.1	824.2
77.5°	348.9	354.0	262.9	480.4	814.0	783.8	748.3	697.8	677.6	637.1	637.1
80°	262.9	278.1	197.2	328.7	586.5	586.5	556.2	520.8	485.5	465.1	465.1
82.5°	177.0	177.0	146.6	207.3	399.5	384.3	364.0	354.0	333.8	323.6	323.6
85°	80.9	101.1	91.0	126.4	217.4	227.5	227.5	217.4	212.3	202.3	207.3
87.5°	25.3	45.5	55.6	70.8	111.3	116.3	121.3	121.3	121.3	126.4	126.4
90°	3.0	5.4	7.8	8.4	13.1	19.5	22.7	20.2	15.1	11.4	11.4
92.5°	12.0	32.3	52.7	57.8	81.2	112.4	128.1	112.2	80.6	56.9	54.6
95°	28.7	65.9	103.2	112.5	199.8	316.2	374.4	334.1	253.5	193.0	186.2
97.5°	49.7	82.6	115.4	123.6	269.1	463.2	560.2	534.8	483.9	445.6	432.6
100°	65.8	95.6	125.4	132.9	294.4	509.8	617.4	619.3	623.0	625.8	610.2
102.5°	79.6	107.4	135.2	142.1	306.0	524.4	633.6	666.0	730.9	779.6	766.2
105°	103.0	126.5	150.0	155.9	314.5	526.0	631.8	704.5	850.0	959.1	952.0
107.5°	126.9	148.8	170.8	176.3	316.1	502.6	595.8	697.3	900.3	1052.6	1054.3
110°	143.0	162.8	182.7	187.6	313.7	481.9	565.9	679.4	906.3	1076.5	1083.9



TEST NUMBER: P934177

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	159.0	177.8	196.7	201.4	313.8	463.7	538.7	654.9	887.0	1061.2	1072.7
115°	182.9	200.3	217.7	222.1	316.7	442.9	506.1	617.9	841.6	1009.4	1025.3
117.5°	206.5	222.3	238.1	242.1	322.6	430.0	483.7	584.7	786.5	937.9	955.6
120°	220.2	235.2	250.1	253.8	327.4	425.5	474.6	566.8	751.4	889.7	906.9
122.5°	233.8	248.8	263.7	267.5	334.3	423.2	467.7	550.8	716.9	841.5	858.4
125°	254.4	268.1	281.9	285.3	343.6	421.4	460.3	530.8	671.9	777.8	793.3
127.5°	271.1	285.0	298.8	302.3	352.9	420.3	454.0	514.5	635.7	726.6	739.7
130°	280.1	295.0	310.0	313.6	359.7	420.9	451.6	505.6	613.4	694.3	706.5
132.5°	289.4	304.3	319.2	322.9	365.1	421.4	449.5	497.8	594.4	666.8	677.7
135°	303.2	316.7	330.3	333.7	371.1	421.0	445.9	486.3	567.2	627.9	637.2
137.5°	317.2	330.7	344.0	347.4	380.1	423.6	445.3	479.5	547.8	599.1	606.8
140°	328.9	341.2	353.7	356.8	385.6	424.0	443.2	472.7	531.8	576.1	583.3
142.5°	337.8	349.3	360.8	363.6	390.1	425.5	443.2	469.1	521.0	560.0	566.1
145°	351.7	361.6	371.6	374.1	396.1	425.5	440.2	461.4	503.9	535.6	540.3
147.5°	365.4	375.1	384.9	387.2	404.9	428.5	440.2	457.0	490.3	515.3	519.2
150°	374.4	383.2	391.9	394.1	409.5	430.0	440.2	454.4	482.6	503.7	506.8
152.5°	383.7	390.3	396.9	398.6	412.4	431.0	440.2	452.3	476.4	494.4	496.8
155°	397.4	402.3	407.3	408.5	419.0	433.2	440.2	449.8	469.0	483.4	485.0
157.5°	407.6	412.3	417.2	418.4	425.7	435.4	440.2	447.7	462.5	473.7	474.8
160°	414.5	418.2	422.0	422.9	428.7	436.3	440.2	446.6	459.4	468.9	469.5
162.5°	421.4	424.2	427.0	427.7	431.9	437.4	440.2	445.6	456.4	464.4	465.0
165°	428.9	431.4	434.0	434.6	436.4	438.9	440.2	444.1	451.8	457.6	458.2
167.5°	435.8	436.9	438.1	438.4	440.0	442.1	443.2	445.7	450.8	454.6	454.9
170°	440.2	441.4	442.6	442.9	443.0	443.1	443.2	445.7	450.8	454.6	454.6
172.5°	442.6	442.9	443.1	443.2	443.2	443.2	443.2	445.2	449.2	452.2	452.0
175°	445.9	445.9	445.9	445.9	445.0	443.8	443.2	444.5	447.0	448.9	448.9
177.5°	445.9	445.9	445.9	445.9	445.2	444.3	443.8	444.8	446.8	448.3	448.0
180°	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9



TEST NUMBER: P934177

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5
2.5°	5481.0	5465.8	5481.0	5470.9	5476.0	5460.8	5415.3	5400.1	5415.3	5430.5	5430.5
5°	5546.7	5536.7	5546.7	5546.7	5541.7	5531.6	5481.0	5470.9	5481.0	5486.1	5476.0
7.5°	5566.9	5551.8	5566.9	5556.9	5556.9	5546.7	5496.2	5486.1	5491.1	5506.3	5491.1
10°	5566.9	5551.8	5566.9	5562.0	5556.9	5546.7	5496.2	5476.0	5476.0	5491.1	5476.0
12.5°	5541.7	5531.6	5541.7	5531.6	5531.6	5521.4	5470.9	5450.7	5455.7	5460.8	5440.6
15°	5501.2	5486.1	5501.2	5491.1	5496.2	5481.0	5425.4	5405.2	5405.2	5415.3	5379.9
17.5°	5440.6	5420.3	5440.6	5435.5	5430.5	5420.3	5369.7	5349.5	5344.5	5349.5	5324.3
20°	5369.7	5354.6	5369.7	5364.8	5364.8	5344.5	5293.9	5268.6	5268.6	5268.6	5243.3
22.5°	5258.6	5243.3	5258.6	5268.6	5268.6	5263.6	5218.0	5182.7	5172.6	5172.6	5142.2
25°	5132.1	5117.0	5132.1	5132.1	5127.1	5132.1	5117.0	5096.7	5081.6	5066.5	5036.1
27.5°	5010.8	5000.7	5010.8	5000.7	5010.8	4995.6	4990.6	4985.5	4965.3	4950.1	4909.7
30°	4889.5	4879.3	4889.5	4879.3	4869.2	4859.1	4833.8	4823.7	4843.9	4833.8	4768.1
32.5°	4737.8	4727.6	4737.8	4737.8	4727.6	4727.6	4687.2	4672.0	4677.1	4707.4	4646.7
35°	4581.0	4565.9	4581.0	4575.9	4581.0	4565.9	4540.6	4535.5	4515.3	4550.6	4505.1
37.5°	4398.9	4383.8	4398.9	4398.9	4398.9	4409.1	4388.9	4373.7	4343.4	4388.9	4353.5
40°	4211.9	4191.7	4211.9	4206.8	4211.9	4222.0	4211.9	4201.8	4171.4	4206.8	4176.5
42.5°	3999.5	3994.5	3999.5	4004.6	4004.6	4024.8	4040.0	4019.8	4009.6	3984.4	4004.6
45°	3772.0	3761.9	3772.0	3782.1	3787.2	3797.2	3842.8	3842.8	3827.6	3787.2	3817.5
47.5°	3529.3	3504.0	3529.3	3559.6	3559.6	3574.8	3620.3	3655.7	3630.4	3579.8	3595.1
50°	3271.5	3276.4	3271.5	3291.7	3291.7	3347.3	3382.6	3418.1	3443.4	3382.6	3311.9
52.5°	3018.6	3013.6	3018.6	3033.8	3054.0	3079.2	3140.0	3175.3	3215.8	3180.4	3069.2
55°	2765.8	2776.0	2765.8	2770.9	2780.9	2796.2	2887.1	2922.6	2998.4	2952.8	2836.6
57.5°	2513.0	2497.8	2513.0	2523.1	2528.1	2543.3	2619.2	2684.9	2730.4	2735.4	2593.9
60°	2219.7	2199.5	2219.7	2265.2	2275.4	2285.4	2356.2	2416.9	2457.3	2472.6	2325.9
62.5°	1961.8	1926.5	1961.8	1992.2	2012.4	2037.7	2088.2	2179.2	2214.6	2219.7	2012.4
65°	1688.8	1673.7	1688.8	1749.5	1754.6	1784.8	1840.5	1906.2	1982.0	1972.0	1673.7
67.5°	1441.0	1441.0	1441.0	1481.5	1511.8	1527.0	1597.8	1628.2	1724.2	1734.3	1395.5
70°	1213.5	1208.4	1213.5	1243.8	1264.0	1299.5	1365.2	1400.6	1476.5	1501.7	1132.7
72.5°	996.1	991.0	996.1	1021.4	1041.6	1071.9	1127.6	1168.0	1233.7	1264.0	879.8
75°	804.0	793.8	804.0	824.2	819.1	859.5	905.1	945.5	1006.2	1026.4	652.3
77.5°	616.8	616.8	616.8	637.1	637.1	677.6	697.8	748.3	783.8	814.0	480.4
80°	460.2	455.1	460.2	465.1	465.1	485.5	520.8	556.2	586.5	586.5	328.7
82.5°	323.6	313.4	323.6	323.6	323.6	333.8	354.0	364.0	384.3	399.5	207.3
85°	202.3	202.3	202.3	207.3	202.3	212.3	217.4	227.5	227.5	217.4	126.4
87.5°	131.5	126.4	131.5	126.4	126.4	121.3	121.3	121.3	116.3	111.3	70.8
90°	11.4	11.4	11.4	11.4	11.4	15.1	20.2	22.7	19.5	13.1	8.4
92.5°	45.6	36.6	45.6	54.6	56.9	80.6	112.2	128.1	112.4	81.2	57.8
95°	158.8	131.4	158.8	186.2	193.0	253.5	334.1	374.4	316.2	199.8	112.5
97.5°	380.5	328.3	380.5	432.6	445.6	483.9	534.8	560.2	463.2	269.1	123.6
100°	548.2	486.0	548.2	610.2	625.8	623.0	619.3	617.4	509.8	294.4	132.9
102.5°	713.0	659.8	713.0	766.2	779.6	730.9	666.0	633.6	524.4	306.0	142.1
105°	923.4	894.8	923.4	952.0	959.1	850.0	704.5	631.8	526.0	314.5	155.9
107.5°	1061.2	1068.1	1061.2	1054.3	1052.6	900.3	697.3	595.8	502.6	316.1	176.3
110°	1113.7	1143.5	1113.7	1083.9	1076.5	906.3	679.4	565.9	481.9	313.7	187.6



TEST NUMBER: P934177

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1118.4	1164.1	1118.4	1072.7	1061.2	887.0	654.9	538.7	463.7	313.8	201.4
115°	1088.7	1152.2	1088.7	1025.3	1009.4	841.6	617.9	506.1	442.9	316.7	222.1
117.5°	1025.9	1096.2	1025.9	955.6	937.9	786.5	584.7	483.7	430.0	322.6	242.1
120°	975.2	1043.5	975.2	906.9	889.7	751.4	566.8	474.6	425.5	327.4	253.8
122.5°	925.9	993.3	925.9	858.4	841.5	716.9	550.8	467.7	423.2	334.3	267.5
125°	855.4	917.5	855.4	793.3	777.8	671.9	530.8	460.3	421.4	343.6	285.3
127.5°	792.1	844.5	792.1	739.7	726.6	635.7	514.5	454.0	420.3	352.9	302.3
130°	754.9	803.3	754.9	706.5	694.3	613.4	505.6	451.6	420.9	359.7	313.6
132.5°	721.0	764.3	721.0	677.7	666.8	594.4	497.8	449.5	421.4	365.1	322.9
135°	674.6	711.9	674.6	637.2	627.9	567.2	486.3	445.9	421.0	371.1	333.7
137.5°	637.3	668.0	637.3	606.8	599.1	547.8	479.5	445.3	423.6	380.1	347.4
140°	611.8	640.4	611.8	583.3	576.1	531.8	472.7	443.2	424.0	385.6	356.8
142.5°	590.7	615.3	590.7	566.1	560.0	521.0	469.1	443.2	425.5	390.1	363.6
145°	559.0	577.6	559.0	540.3	535.6	503.9	461.4	440.2	425.5	396.1	374.1
147.5°	534.7	550.1	534.7	519.2	515.3	490.3	457.0	440.2	428.5	404.9	387.2
150°	519.3	531.8	519.3	506.8	503.7	482.6	454.4	440.2	430.0	409.5	394.1
152.5°	506.2	515.6	506.2	496.8	494.4	476.4	452.3	440.2	431.0	412.4	398.6
155°	491.1	497.4	491.1	485.0	483.4	469.0	449.8	440.2	433.2	419.0	408.5
157.5°	479.3	483.7	479.3	474.8	473.7	462.5	447.7	440.2	435.4	425.7	418.4
160°	472.1	474.6	472.1	469.5	468.9	459.4	446.6	440.2	436.3	428.7	422.9
162.5°	467.4	469.8	467.4	465.0	464.4	456.4	445.6	440.2	437.4	431.9	427.7
165°	460.7	463.2	460.7	458.2	457.6	451.8	444.1	440.2	438.9	436.4	434.6
167.5°	455.9	457.0	455.9	454.9	454.6	450.8	445.7	443.2	442.1	440.0	438.4
170°	454.6	454.6	454.6	454.6	454.6	450.8	445.7	443.2	443.1	443.0	442.9
172.5°	451.0	450.1	451.0	452.0	452.2	449.2	445.2	443.2	443.2	443.2	443.2
175°	448.9	448.9	448.9	448.9	448.9	447.0	444.5	443.2	443.8	445.0	445.9
177.5°	447.0	445.9	447.0	448.0	448.3	446.8	444.8	443.8	444.3	445.2	445.9
180°	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9



TEST NUMBER: P934177

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5
2.5°	5420.3	5390.1	5390.1	5339.5	5319.2	5304.1	5278.8	5202.9	5182.7	5162.5	5192.8
5°	5465.8	5410.3	5369.7	5278.8	5202.9	5172.6	5076.5	4894.4	4773.1	4682.1	4631.6
7.5°	5476.0	5405.2	5329.3	5187.8	5005.7	4924.8	4631.6	4297.8	4206.8	4125.9	4075.3
10°	5465.8	5385.0	5278.8	5066.5	4636.6	4495.0	4201.8	3984.4	3928.7	3913.6	3928.7
12.5°	5430.5	5354.6	5208.0	4854.0	4252.3	4156.3	3984.4	3857.9	3847.8	3873.1	4009.6
15°	5369.7	5299.0	5127.1	4570.8	4040.0	3969.2	3847.8	3802.3	3857.9	4034.9	4444.5
17.5°	5309.1	5228.2	5015.9	4292.8	3878.2	3827.6	3741.7	3832.7	4146.1	4383.8	4520.3
20°	5228.2	5132.1	4889.5	4090.6	3761.9	3716.4	3675.9	4085.5	4323.1	4409.1	4484.9
22.5°	5132.1	5031.0	4717.6	3948.9	3640.6	3605.1	3630.4	4227.0	4323.1	4383.8	4449.5
25°	5005.7	4919.7	4515.3	3837.7	3544.5	3504.0	3600.0	4211.9	4267.5	4282.7	4414.2
27.5°	4889.5	4778.2	4302.9	3736.6	3428.1	3413.0	3625.3	4146.1	4186.6	4201.8	4343.4
30°	4747.8	4581.0	4065.3	3630.4	3306.8	3301.7	3630.4	4065.3	4055.1	4095.6	4237.2
32.5°	4601.2	4287.8	3797.2	3498.9	3190.5	3185.5	3595.1	3943.9	3933.8	3989.4	4095.6
35°	4464.7	4060.2	3433.2	3347.3	3043.9	3049.0	3509.1	3802.3	3807.4	3857.9	3923.6
37.5°	4323.1	3863.0	3033.8	3180.4	2902.3	2902.3	3392.8	3670.9	3660.8	3675.9	3767.0
40°	4156.3	3554.5	2679.8	2963.0	2770.9	2755.6	3251.2	3529.3	3493.9	3488.9	3615.3
42.5°	3979.3	3215.8	2416.9	2674.8	2619.2	2599.0	3079.2	3357.4	3291.7	3306.8	3468.6
45°	3787.2	3124.8	2214.6	2260.1	2462.4	2447.3	2892.2	3160.2	3114.7	3155.1	3322.0
47.5°	3595.1	2942.8	2149.0	1875.9	2295.6	2290.5	2684.9	2968.1	2942.8	2983.2	3160.2
50°	3332.1	2740.5	2143.9	1607.9	2108.4	2128.7	2437.1	2780.9	2780.9	2816.4	3003.4
52.5°	2993.3	2492.8	1946.7	1456.3	1891.0	1951.8	2219.7	2619.2	2629.2	2664.7	2831.5
55°	2684.9	2234.9	1805.1	1339.9	1633.1	1764.6	2007.3	2452.3	2472.6	2507.9	2659.6
57.5°	2401.8	1860.7	1774.8	1203.4	1395.5	1522.0	1820.3	2290.5	2300.7	2330.9	2477.6
60°	2098.4	1345.0	1628.2	1056.8	1188.2	1284.3	1648.4	2098.4	2133.7	2153.9	2280.3
62.5°	1754.6	975.9	1476.5	955.7	1087.1	1107.4	1506.7	1916.3	1961.8	1977.0	2052.9
65°	1248.9	819.1	1254.0	869.7	981.0	985.9	1355.1	1729.3	1769.7	1795.0	1850.6
67.5°	844.4	667.4	955.7	788.7	900.0	905.1	1208.4	1511.8	1567.4	1587.7	1623.1
70°	586.5	444.9	707.9	702.8	809.1	819.1	1051.7	1314.6	1365.2	1380.4	1400.6
72.5°	429.8	359.0	586.5	632.1	712.9	723.1	889.9	1092.1	1142.7	1157.8	1168.0
75°	328.7	379.2	475.3	551.1	606.8	611.8	728.1	889.9	925.3	935.4	940.4
77.5°	262.9	354.0	348.9	444.9	495.5	485.5	571.4	687.6	718.0	718.0	718.0
80°	197.2	278.1	262.9	318.5	364.0	354.0	409.6	490.4	500.6	510.6	505.7
82.5°	146.6	177.0	177.0	202.3	242.7	232.6	273.0	318.5	318.5	318.5	328.7
85°	91.0	101.1	80.9	106.2	136.6	131.5	151.7	171.9	177.0	177.0	166.8
87.5°	55.6	45.5	25.3	40.4	60.7	60.7	70.8	75.8	70.8	70.8	70.8
90°	7.8	5.4	3.0	5.4	7.8	8.4	13.1	19.5	22.7	20.2	15.1
92.5°	52.7	32.3	12.0	32.3	52.7	57.8	81.2	112.4	128.1	112.2	80.6
95°	103.2	65.9	28.7	65.9	103.2	112.5	199.8	316.2	374.4	334.1	253.5
97.5°	115.4	82.6	49.7	82.6	115.4	123.6	269.1	463.2	560.2	534.8	483.9
100°	125.4	95.6	65.8	95.6	125.4	132.9	294.4	509.8	617.4	619.3	623.0
102.5°	135.2	107.4	79.6	107.4	135.2	142.1	306.0	524.4	633.6	666.0	730.9
105°	150.0	126.5	103.0	126.5	150.0	155.9	314.5	526.0	631.8	704.5	850.0
107.5°	170.8	148.8	126.9	148.8	170.8	176.3	316.1	502.6	595.8	697.3	900.3
110°	182.7	162.8	143.0	162.8	182.7	187.6	313.7	481.9	565.9	679.4	906.3



TEST NUMBER: P934177

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	196.7	177.8	159.0	177.8	196.7	201.4	313.8	463.7	538.7	654.9	887.0
115°	217.7	200.3	182.9	200.3	217.7	222.1	316.7	442.9	506.1	617.9	841.6
117.5°	238.1	222.3	206.5	222.3	238.1	242.1	322.6	430.0	483.7	584.7	786.5
120°	250.1	235.2	220.2	235.2	250.1	253.8	327.4	425.5	474.6	566.8	751.4
122.5°	263.7	248.8	233.8	248.8	263.7	267.5	334.3	423.2	467.7	550.8	716.9
125°	281.9	268.1	254.4	268.1	281.9	285.3	343.6	421.4	460.3	530.8	671.9
127.5°	298.8	285.0	271.1	285.0	298.8	302.3	352.9	420.3	454.0	514.5	635.7
130°	310.0	295.0	280.1	295.0	310.0	313.6	359.7	420.9	451.6	505.6	613.4
132.5°	319.2	304.3	289.4	304.3	319.2	322.9	365.1	421.4	449.5	497.8	594.4
135°	330.3	316.7	303.2	316.7	330.3	333.7	371.1	421.0	445.9	486.3	567.2
137.5°	344.0	330.7	317.2	330.7	344.0	347.4	380.1	423.6	445.3	479.5	547.8
140°	353.7	341.2	328.9	341.2	353.7	356.8	385.6	424.0	443.2	472.7	531.8
142.5°	360.8	349.3	337.8	349.3	360.8	363.6	390.1	425.5	443.2	469.1	521.0
145°	371.6	361.6	351.7	361.6	371.6	374.1	396.1	425.5	440.2	461.4	503.9
147.5°	384.9	375.1	365.4	375.1	384.9	387.2	404.9	428.5	440.2	457.0	490.3
150°	391.9	383.2	374.4	383.2	391.9	394.1	409.5	430.0	440.2	454.4	482.6
152.5°	396.9	390.3	383.7	390.3	396.9	398.6	412.4	431.0	440.2	452.3	476.4
155°	407.3	402.3	397.4	402.3	407.3	408.5	419.0	433.2	440.2	449.8	469.0
157.5°	417.2	412.3	407.6	412.3	417.2	418.4	425.7	435.4	440.2	447.7	462.5
160°	422.0	418.2	414.5	418.2	422.0	422.9	428.7	436.3	440.2	446.6	459.4
162.5°	427.0	424.2	421.4	424.2	427.0	427.7	431.9	437.4	440.2	445.6	456.4
165°	434.0	431.4	428.9	431.4	434.0	434.6	436.4	438.9	440.2	444.1	451.8
167.5°	438.1	436.9	435.8	436.9	438.1	438.4	440.0	442.1	443.2	445.7	450.8
170°	442.6	441.4	440.2	441.4	442.6	442.9	443.0	443.1	443.2	445.7	450.8
172.5°	443.1	442.9	442.6	442.9	443.1	443.2	443.2	443.2	443.2	445.2	449.2
175°	445.9	445.9	445.9	445.9	445.9	445.9	445.0	443.8	443.2	444.5	447.0
177.5°	445.9	445.9	445.9	445.9	445.9	445.9	445.2	444.3	443.8	444.8	446.8
180°	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9



TEST NUMBER: P934177
 CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5	5344.5
2.5°	5157.4	5142.2	5162.5	5106.9	5162.5	5142.2	5157.4	5192.8	5162.5	5182.7	5202.9
5°	4525.4	4500.1	4419.2	4353.5	4419.2	4500.1	4525.4	4631.6	4682.1	4773.1	4894.4
7.5°	4045.1	4024.8	4004.6	3964.2	4004.6	4024.8	4045.1	4075.3	4125.9	4206.8	4297.8
10°	3938.9	3943.9	3974.2	3969.2	3974.2	3943.9	3938.9	3928.7	3913.6	3928.7	3984.4
12.5°	4211.9	4257.4	4424.2	4414.2	4424.2	4257.4	4211.9	4009.6	3873.1	3847.8	3857.9
15°	4525.4	4540.6	4575.9	4581.0	4575.9	4540.6	4525.4	4444.5	4034.9	3857.9	3802.3
17.5°	4555.7	4560.8	4586.1	4586.1	4586.1	4560.8	4555.7	4520.3	4383.8	4146.1	3832.7
20°	4530.4	4540.6	4591.2	4601.2	4591.2	4540.6	4530.4	4484.9	4409.1	4323.1	4085.5
22.5°	4520.3	4540.6	4581.0	4575.9	4581.0	4540.6	4520.3	4449.5	4383.8	4323.1	4227.0
25°	4469.7	4469.7	4474.8	4479.9	4474.8	4469.7	4469.7	4414.2	4282.7	4267.5	4211.9
27.5°	4363.6	4373.7	4404.0	4398.9	4404.0	4373.7	4363.6	4343.4	4201.8	4186.6	4146.1
30°	4267.5	4257.4	4232.1	4211.9	4232.1	4257.4	4267.5	4237.2	4095.6	4055.1	4065.3
32.5°	4105.7	4080.4	4055.1	4040.0	4055.1	4080.4	4105.7	4095.6	3989.4	3933.8	3943.9
35°	3913.6	3918.7	3913.6	3898.4	3913.6	3918.7	3913.6	3923.6	3857.9	3807.4	3802.3
37.5°	3777.0	3787.2	3782.1	3761.9	3782.1	3787.2	3777.0	3767.0	3675.9	3660.8	3670.9
40°	3635.5	3640.6	3635.5	3620.3	3635.5	3640.6	3635.5	3615.3	3488.9	3493.9	3529.3
42.5°	3498.9	3493.9	3478.7	3468.6	3478.7	3493.9	3498.9	3468.6	3306.8	3291.7	3357.4
45°	3342.2	3347.3	3316.9	3301.7	3316.9	3347.3	3342.2	3322.0	3155.1	3114.7	3160.2
47.5°	3185.5	3185.5	3160.2	3145.0	3160.2	3185.5	3185.5	3160.2	2983.2	2942.8	2968.1
50°	3018.6	3013.6	2978.1	2973.1	2978.1	3013.6	3018.6	3003.4	2816.4	2780.9	2780.9
52.5°	2826.4	2826.4	2831.5	2841.6	2831.5	2826.4	2826.4	2831.5	2664.7	2629.2	2619.2
55°	2659.6	2664.7	2700.1	2710.2	2700.1	2664.7	2659.6	2659.6	2507.9	2472.6	2452.3
57.5°	2487.7	2487.7	2513.0	2513.0	2513.0	2487.7	2487.7	2477.6	2330.9	2300.7	2290.5
60°	2290.5	2300.7	2320.9	2315.8	2320.9	2300.7	2290.5	2280.3	2153.9	2133.7	2098.4
62.5°	2083.2	2093.3	2098.4	2088.2	2098.4	2093.3	2083.2	2052.9	1977.0	1961.8	1916.3
65°	1865.8	1875.9	1880.9	1870.8	1880.9	1875.9	1865.8	1850.6	1795.0	1769.7	1729.3
67.5°	1643.3	1638.2	1633.1	1653.4	1633.1	1638.2	1643.3	1623.1	1587.7	1567.4	1511.8
70°	1415.7	1415.7	1410.7	1420.8	1410.7	1415.7	1415.7	1400.6	1380.4	1365.2	1314.6
72.5°	1173.1	1168.0	1188.2	1173.1	1188.2	1168.0	1173.1	1168.0	1157.8	1142.7	1092.1
75°	935.4	945.5	935.4	950.6	935.4	945.5	935.4	940.4	935.4	925.3	889.9
77.5°	712.9	723.1	712.9	712.9	712.9	723.1	712.9	718.0	718.0	718.0	687.6
80°	505.7	500.6	500.6	495.5	500.6	500.6	505.7	505.7	510.6	500.6	490.4
82.5°	323.6	318.5	318.5	328.7	318.5	318.5	323.6	328.7	318.5	318.5	318.5
85°	177.0	182.1	171.9	171.9	171.9	182.1	177.0	166.8	177.0	177.0	171.9
87.5°	65.7	60.7	60.7	60.7	60.7	60.7	65.7	70.8	70.8	70.8	75.8
90°	11.4	11.4	11.4	11.4	11.4	11.4	11.4	15.1	20.2	22.7	19.5
92.5°	56.9	54.6	45.6	36.6	45.6	54.6	56.9	80.6	112.2	128.1	112.4
95°	193.0	186.2	158.8	131.4	158.8	186.2	193.0	253.5	334.1	374.4	316.2
97.5°	445.6	432.6	380.5	328.3	380.5	432.6	445.6	483.9	534.8	560.2	463.2
100°	625.8	610.2	548.2	486.0	548.2	610.2	625.8	623.0	619.3	617.4	509.8
102.5°	779.6	766.2	713.0	659.8	713.0	766.2	779.6	730.9	666.0	633.6	524.4
105°	959.1	952.0	923.4	894.8	923.4	952.0	959.1	850.0	704.5	631.8	526.0
107.5°	1052.6	1054.3	1061.2	1068.1	1061.2	1054.3	1052.6	900.3	697.3	595.8	502.6
110°	1076.5	1083.9	1113.7	1143.5	1113.7	1083.9	1076.5	906.3	679.4	565.9	481.9



TEST NUMBER: P934177

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1061.2	1072.7	1118.4	1164.1	1118.4	1072.7	1061.2	887.0	654.9	538.7	463.7
115°	1009.4	1025.3	1088.7	1152.2	1088.7	1025.3	1009.4	841.6	617.9	506.1	442.9
117.5°	937.9	955.6	1025.9	1096.2	1025.9	955.6	937.9	786.5	584.7	483.7	430.0
120°	889.7	906.9	975.2	1043.5	975.2	906.9	889.7	751.4	566.8	474.6	425.5
122.5°	841.5	858.4	925.9	993.3	925.9	858.4	841.5	716.9	550.8	467.7	423.2
125°	777.8	793.3	855.4	917.5	855.4	793.3	777.8	671.9	530.8	460.3	421.4
127.5°	726.6	739.7	792.1	844.5	792.1	739.7	726.6	635.7	514.5	454.0	420.3
130°	694.3	706.5	754.9	803.3	754.9	706.5	694.3	613.4	505.6	451.6	420.9
132.5°	666.8	677.7	721.0	764.3	721.0	677.7	666.8	594.4	497.8	449.5	421.4
135°	627.9	637.2	674.6	711.9	674.6	637.2	627.9	567.2	486.3	445.9	421.0
137.5°	599.1	606.8	637.3	668.0	637.3	606.8	599.1	547.8	479.5	445.3	423.6
140°	576.1	583.3	611.8	640.4	611.8	583.3	576.1	531.8	472.7	443.2	424.0
142.5°	560.0	566.1	590.7	615.3	590.7	566.1	560.0	521.0	469.1	443.2	425.5
145°	535.6	540.3	559.0	577.6	559.0	540.3	535.6	503.9	461.4	440.2	425.5
147.5°	515.3	519.2	534.7	550.1	534.7	519.2	515.3	490.3	457.0	440.2	428.5
150°	503.7	506.8	519.3	531.8	519.3	506.8	503.7	482.6	454.4	440.2	430.0
152.5°	494.4	496.8	506.2	515.6	506.2	496.8	494.4	476.4	452.3	440.2	431.0
155°	483.4	485.0	491.1	497.4	491.1	485.0	483.4	469.0	449.8	440.2	433.2
157.5°	473.7	474.8	479.3	483.7	479.3	474.8	473.7	462.5	447.7	440.2	435.4
160°	468.9	469.5	472.1	474.6	472.1	469.5	468.9	459.4	446.6	440.2	436.3
162.5°	464.4	465.0	467.4	469.8	467.4	465.0	464.4	456.4	445.6	440.2	437.4
165°	457.6	458.2	460.7	463.2	460.7	458.2	457.6	451.8	444.1	440.2	438.9
167.5°	454.6	454.9	455.9	457.0	455.9	454.9	454.6	450.8	445.7	443.2	442.1
170°	454.6	454.6	454.6	454.6	454.6	454.6	454.6	450.8	445.7	443.2	443.1
172.5°	452.2	452.0	451.0	450.1	451.0	452.0	452.2	449.2	445.2	443.2	443.2
175°	448.9	448.9	448.9	448.9	448.9	448.9	448.9	447.0	444.5	443.2	443.8
177.5°	448.3	448.0	447.0	445.9	447.0	448.0	448.3	446.8	444.8	443.8	444.3
180°	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9	445.9



TEST NUMBER: P934177

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	5344.5	5344.5	5344.5	5344.5	5344.5
2.5°	5278.8	5304.1	5319.2	5339.5	5390.1
5°	5076.5	5172.6	5202.9	5278.8	5369.7
7.5°	4631.6	4924.8	5005.7	5187.8	5329.3
10°	4201.8	4495.0	4636.6	5066.5	5278.8
12.5°	3984.4	4156.3	4252.3	4854.0	5208.0
15°	3847.8	3969.2	4040.0	4570.8	5127.1
17.5°	3741.7	3827.6	3878.2	4292.8	5015.9
20°	3675.9	3716.4	3761.9	4090.6	4889.5
22.5°	3630.4	3605.1	3640.6	3948.9	4717.6
25°	3600.0	3504.0	3544.5	3837.7	4515.3
27.5°	3625.3	3413.0	3428.1	3736.6	4302.9
30°	3630.4	3301.7	3306.8	3630.4	4065.3
32.5°	3595.1	3185.5	3190.5	3498.9	3797.2
35°	3509.1	3049.0	3043.9	3347.3	3433.2
37.5°	3392.8	2902.3	2902.3	3180.4	3033.8
40°	3251.2	2755.6	2770.9	2963.0	2679.8
42.5°	3079.2	2599.0	2619.2	2674.8	2416.9
45°	2892.2	2447.3	2462.4	2260.1	2214.6
47.5°	2684.9	2290.5	2295.6	1875.9	2149.0
50°	2437.1	2128.7	2108.4	1607.9	2143.9
52.5°	2219.7	1951.8	1891.0	1456.3	1946.7
55°	2007.3	1764.6	1633.1	1339.9	1805.1
57.5°	1820.3	1522.0	1395.5	1203.4	1774.8
60°	1648.4	1284.3	1188.2	1056.8	1628.2
62.5°	1506.7	1107.4	1087.1	955.7	1476.5
65°	1355.1	985.9	981.0	869.7	1254.0
67.5°	1208.4	905.1	900.0	788.7	955.7
70°	1051.7	819.1	809.1	702.8	707.9
72.5°	889.9	723.1	712.9	632.1	586.5
75°	728.1	611.8	606.8	551.1	475.3
77.5°	571.4	485.5	495.5	444.9	348.9
80°	409.6	354.0	364.0	318.5	262.9
82.5°	273.0	232.6	242.7	202.3	177.0
85°	151.7	131.5	136.6	106.2	80.9
87.5°	70.8	60.7	60.7	40.4	25.3
90°	13.1	8.4	7.8	5.4	3.0
92.5°	81.2	57.8	52.7	32.3	12.0
95°	199.8	112.5	103.2	65.9	28.7
97.5°	269.1	123.6	115.4	82.6	49.7
100°	294.4	132.9	125.4	95.6	65.8
102.5°	306.0	142.1	135.2	107.4	79.6
105°	314.5	155.9	150.0	126.5	103.0
107.5°	316.1	176.3	170.8	148.8	126.9
110°	313.7	187.6	182.7	162.8	143.0



TEST NUMBER: P934177

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-2700K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	313.8	201.4	196.7	177.8	159.0
115°	316.7	222.1	217.7	200.3	182.9
117.5°	322.6	242.1	238.1	222.3	206.5
120°	327.4	253.8	250.1	235.2	220.2
122.5°	334.3	267.5	263.7	248.8	233.8
125°	343.6	285.3	281.9	268.1	254.4
127.5°	352.9	302.3	298.8	285.0	271.1
130°	359.7	313.6	310.0	295.0	280.1
132.5°	365.1	322.9	319.2	304.3	289.4
135°	371.1	333.7	330.3	316.7	303.2
137.5°	380.1	347.4	344.0	330.7	317.2
140°	385.6	356.8	353.7	341.2	328.9
142.5°	390.1	363.6	360.8	349.3	337.8
145°	396.1	374.1	371.6	361.6	351.7
147.5°	404.9	387.2	384.9	375.1	365.4
150°	409.5	394.1	391.9	383.2	374.4
152.5°	412.4	398.6	396.9	390.3	383.7
155°	419.0	408.5	407.3	402.3	397.4
157.5°	425.7	418.4	417.2	412.3	407.6
160°	428.7	422.9	422.0	418.2	414.5
162.5°	431.9	427.7	427.0	424.2	421.4
165°	436.4	434.6	434.0	431.4	428.9
167.5°	440.0	438.4	438.1	436.9	435.8
170°	443.0	442.9	442.6	441.4	440.2
172.5°	443.2	443.2	443.1	442.9	442.6
175°	445.0	445.9	445.9	445.9	445.9
177.5°	445.2	445.9	445.9	445.9	445.9
180°	445.9	445.9	445.9	445.9	445.9



TEST NUMBER: P934177
 CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-2700K

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	17.17	18.43	17.78	19.05	19.76	20.02	21.28	20.63	21.90	22.62
	3H	17.68	18.81	18.30	19.44	20.19	21.40	22.53	22.03	23.17	23.92
	4H	17.88	18.95	18.53	19.60	20.36	21.87	22.94	22.52	23.58	24.34
	6H	18.02	19.01	18.68	19.67	20.44	22.18	23.16	22.84	23.82	24.60
	8H	18.04	18.97	18.71	19.66	20.43	22.27	23.21	22.94	23.89	24.67
	12H	18.02	18.92	18.70	19.59	20.40	22.32	23.22	23.00	23.89	24.70
4H	2H	18.25	19.32	18.90	19.97	20.73	20.48	21.54	21.13	22.19	22.95
	3H	19.32	20.21	19.98	20.89	21.67	22.02	22.91	22.69	23.60	24.38
	4H	19.61	20.42	20.29	21.11	21.92	22.57	23.38	23.25	24.07	24.88
	6H	19.76	20.46	20.46	21.17	21.99	22.97	23.67	23.67	24.38	25.20
	8H	19.77	20.43	20.48	21.14	21.97	23.08	23.74	23.79	24.45	25.29
	12H	19.76	20.35	20.48	21.08	21.92	23.16	23.75	23.89	24.49	25.33
8H	4H	20.10	20.75	20.80	21.47	22.30	22.73	23.38	23.43	24.10	24.93
	6H	20.38	20.92	21.11	21.67	22.51	23.19	23.73	23.92	24.49	25.32
	8H	20.42	20.91	21.17	21.67	22.52	23.35	23.83	24.10	24.59	25.44
	12H	20.42	20.85	21.17	21.60	22.51	23.47	23.89	24.22	24.64	25.55
12H	4H	20.12	20.71	20.85	21.45	22.29	22.71	23.30	23.44	24.04	24.88
	6H	20.44	20.93	21.19	21.68	22.54	23.19	23.67	23.94	24.43	25.28
	8H	20.53	20.95	21.28	21.70	22.61	23.37	23.80	24.12	24.55	25.46