

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: P934178

Luminaire Tested: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-3000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934178
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-12-3000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

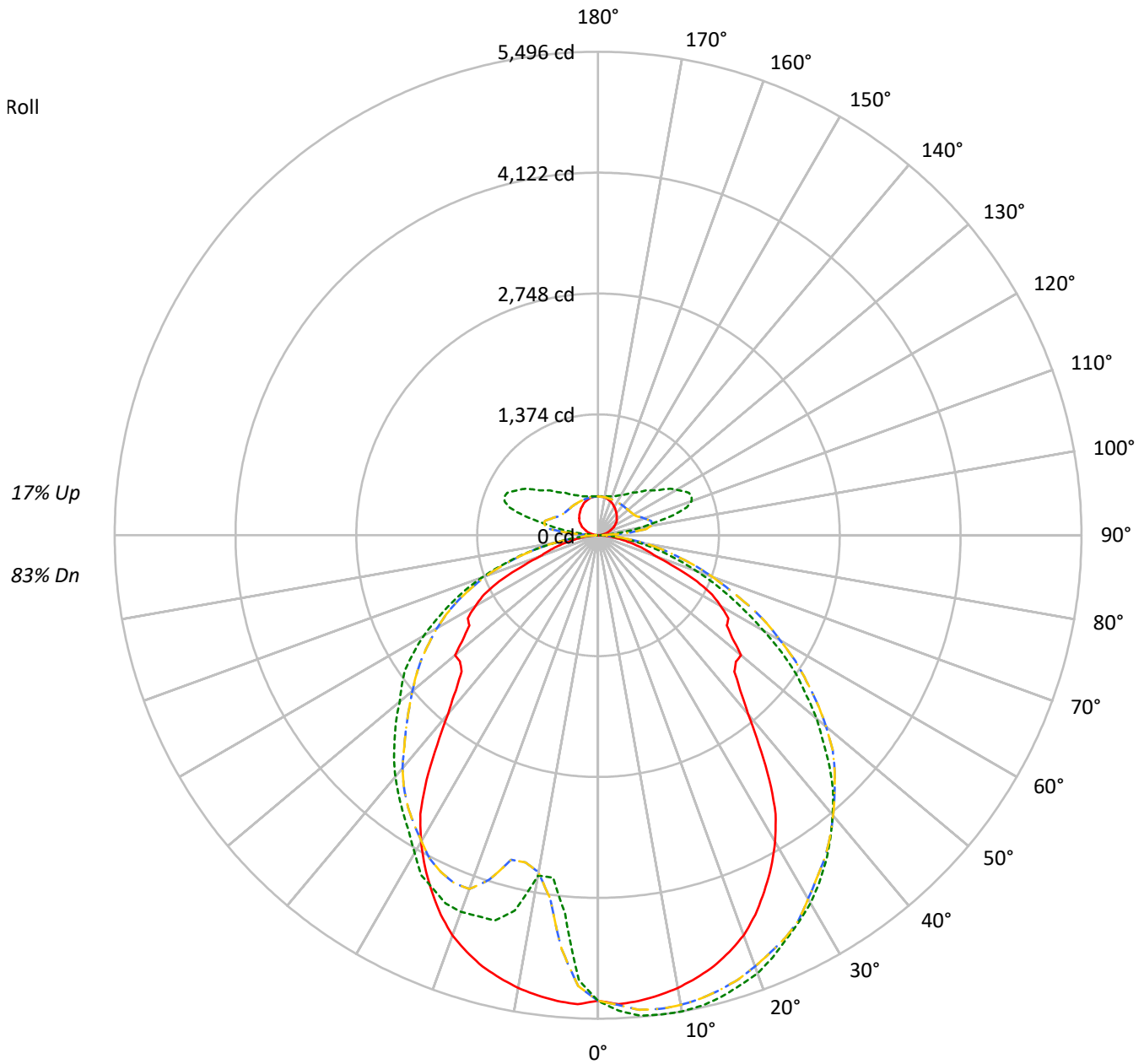
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 16581.5 lumens
Efficiency: N/A
Efficacy: 111.4 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

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CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-3000K

Luminous Intensity Polar Plot



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



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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20				
RC	80				70				50				30				10			0	
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																					
0	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°	16365	16365	16365	16365
5°	16493	16520	16493	12990
10°	16389	16273	16389	11634
15°	16217	15920	16217	13294
20°	15884	15502	15884	13321
25°	15196	14893	15196	13039
30°	14305	14387	14305	12420
35°	12759	13748	12759	11738
40°	10637	12995	10637	11223
45°	9511	12113	9511	10632
50°	10113	11062	10113	10038
55°	9523	9930	9523	9694
60°	9829	8433	9829	8879
65°	8926	6971	8926	7792
70°	6196	5555	6196	6532
75°	5453	4106	5453	4917
80°	4427	2715	4427	2956
85°	2595	1439	2595	1222

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 14568 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	477.6	2.9
10°-20°	1356.0	8.2
20°-30°	2096.2	12.6
30°-40°	2502.4	15.1
40°-50°	2517.0	15.2
50°-60°	2190.1	13.2
60°-70°	1552.8	9.4
70°-80°	821.5	5.0
80°-90°	206.3	1.2
90°-100°	215.2	1.3
100°-110°	565.7	3.4
110°-120°	586.6	3.5
120°-130°	470.5	2.8
130°-140°	369.2	2.2
140°-150°	283.4	1.7
150°-160°	204.1	1.2
160°-170°	124.9	0.8
170°-180°	42.2	0.3
0°-30°	3929.8	23.7
0°-40°	6432.1	38.8
0°-60°	11139.3	67.2
0°-90°	13719.9	82.7
90°-120°	1367.5	8.2
90°-150°	2490.5	15.0
90°-180°	2862.0	17.3
0°-180°	16581.5	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5291	5291	5291	5291	5291	
5°	5316	5481	5316	4310	5316	504
15°	5076	5431	5076	4535	5076	1428
25°	4470	5066	4470	4435	4470	2052
35°	3399	4520	3399	3859	3399	2103
45°	2192	3724	2192	3269	2192	1756
55°	1787	2748	1787	2683	1787	1642
65°	1241	1657	1241	1852	1241	1186
75°	470	786	470	941	470	495
85°	80	200	80	170	80	108
90°	3	11	3	11	3	6
95°	28	130	28	130	28	32
105°	102	886	102	886	102	108
115°	181	1141	181	1141	181	179
125°	252	908	252	908	252	224
135°	300	705	300	705	300	232
145°	348	572	348	572	348	218
155°	393	492	393	492	393	181
165°	425	459	425	459	425	120
175°	441	444	441	444	441	42
180°	441	441	441	441	441	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9
2.5°	5335.9	5335.9	5365.9	5376.0	5376.0	5360.9	5345.9	5360.9	5405.9	5421.0	5416.0
5°	5315.8	5356.0	5411.0	5421.0	5431.0	5426.0	5416.0	5426.0	5476.0	5486.1	5491.0
7.5°	5275.8	5350.9	5421.0	5436.0	5451.0	5436.0	5431.0	5441.0	5491.0	5501.1	5501.1
10°	5225.8	5330.9	5411.0	5421.0	5436.0	5421.0	5421.0	5441.0	5491.0	5501.1	5506.1
12.5°	5155.7	5300.8	5376.0	5385.9	5405.9	5400.9	5396.0	5416.0	5466.0	5476.0	5476.0
15°	5075.6	5245.8	5315.8	5325.9	5360.9	5350.9	5350.9	5370.9	5426.0	5441.0	5436.0
17.5°	4965.5	5175.7	5255.8	5270.9	5295.8	5290.9	5295.8	5315.8	5365.9	5376.0	5380.9
20°	4840.4	5080.6	5175.7	5190.7	5215.7	5215.7	5215.7	5240.8	5290.9	5310.9	5310.9
22.5°	4670.2	4980.5	5080.6	5090.6	5120.7	5120.7	5130.7	5165.7	5210.7	5215.7	5215.7
25°	4469.9	4870.3	4955.4	4985.5	5015.6	5030.6	5045.6	5065.6	5080.6	5075.6	5080.6
27.5°	4259.7	4730.2	4840.4	4860.4	4900.4	4915.4	4935.4	4940.5	4945.5	4960.5	4950.5
30°	4024.5	4535.0	4700.2	4720.2	4785.3	4795.3	4775.3	4785.3	4810.3	4820.4	4830.3
32.5°	3759.1	4244.7	4555.0	4600.1	4660.1	4630.2	4625.1	4640.1	4680.1	4680.1	4690.2
35°	3398.7	4019.4	4419.8	4459.9	4504.9	4469.9	4489.9	4495.0	4520.0	4535.0	4530.0
37.5°	3003.4	3824.2	4279.7	4309.8	4344.8	4299.7	4329.8	4344.8	4364.8	4354.8	4354.8
40°	2652.9	3518.8	4114.6	4134.6	4164.6	4129.6	4159.6	4169.6	4179.7	4169.6	4164.6
42.5°	2392.6	3183.5	3939.4	3964.4	3944.4	3969.3	3979.4	3999.4	3984.4	3964.4	3964.4
45°	2192.4	3093.4	3749.2	3779.1	3749.2	3789.2	3804.2	3804.2	3759.1	3749.2	3744.1
47.5°	2127.4	2913.2	3559.0	3559.0	3543.9	3594.0	3619.0	3583.9	3539.0	3523.9	3523.9
50°	2122.4	2713.0	3298.7	3278.6	3348.7	3408.8	3383.8	3348.7	3313.7	3258.6	3258.6
52.5°	1927.1	2467.8	2963.2	3038.4	3148.5	3183.5	3143.5	3108.5	3048.3	3023.4	3003.4
55°	1786.9	2212.5	2658.0	2808.1	2923.2	2968.3	2893.2	2858.1	2768.1	2753.0	2743.1
57.5°	1757.0	1842.0	2377.6	2567.8	2708.0	2703.0	2658.0	2592.9	2517.8	2502.8	2497.7
60°	1611.8	1331.5	2077.3	2302.5	2447.7	2432.7	2392.6	2332.6	2262.5	2252.5	2242.5
62.5°	1461.6	966.1	1736.9	1992.2	2197.4	2192.4	2157.4	2067.2	2017.3	1992.2	1972.2
65°	1241.4	810.9	1236.3	1656.9	1952.2	1962.1	1887.1	1822.0	1766.9	1736.9	1731.9
67.5°	946.1	660.7	835.9	1381.5	1716.9	1706.9	1611.8	1581.7	1511.6	1496.6	1466.6
70°	700.8	440.4	580.7	1121.3	1486.6	1461.6	1386.5	1351.5	1286.4	1251.3	1231.3
72.5°	580.7	355.4	425.5	870.9	1251.3	1221.4	1156.3	1116.3	1061.1	1031.2	1011.1
75°	470.5	375.4	325.4	645.7	1016.1	996.1	936.0	896.0	850.9	810.9	815.9
77.5°	345.4	350.4	260.3	475.5	805.9	775.9	740.8	690.8	670.8	630.7	630.7
80°	260.3	275.3	195.2	325.4	580.7	580.7	550.6	515.6	480.6	460.5	460.5
82.5°	175.2	175.2	145.1	205.2	395.5	380.4	360.4	350.4	330.4	320.4	320.4
85°	80.1	100.1	90.1	125.1	215.2	225.2	225.2	215.2	210.2	200.3	205.2
87.5°	25.0	45.1	55.0	70.1	110.1	115.2	120.1	120.1	120.1	125.1	125.1
90°	3.0	5.3	7.7	8.3	13.0	19.3	22.5	20.0	15.0	11.2	11.2
92.5°	11.8	31.9	52.2	57.2	80.4	111.3	126.8	111.1	79.8	56.3	54.0
95°	28.4	65.3	102.1	111.4	197.8	313.1	370.6	330.7	250.9	191.1	184.3
97.5°	49.2	81.7	114.3	122.4	266.4	458.6	554.6	529.4	479.0	441.1	428.2
100°	65.2	94.7	124.1	131.5	291.5	504.6	611.2	613.1	616.7	619.5	604.1
102.5°	78.8	106.3	133.8	140.7	302.9	519.1	627.2	659.3	723.5	771.7	758.5
105°	102.0	125.2	148.5	154.3	311.4	520.7	625.4	697.4	841.5	949.5	942.4
107.5°	125.6	147.3	169.1	174.5	313.0	497.5	589.8	690.3	891.2	1042.0	1043.7
110°	141.6	161.2	180.8	185.8	310.6	477.0	560.2	672.6	897.2	1065.7	1073.1



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	157.4	176.0	194.7	199.4	310.7	459.1	533.3	648.3	878.1	1050.6	1061.9
115°	181.0	198.3	215.5	219.9	313.5	438.5	501.0	611.7	833.2	999.3	1015.0
117.5°	204.4	220.1	235.8	239.7	319.4	425.7	478.8	578.8	778.6	928.5	946.0
120°	218.0	232.8	247.6	251.2	324.1	421.2	469.8	561.1	743.8	880.8	897.8
122.5°	231.4	246.3	261.1	264.8	330.9	419.0	463.0	545.3	709.7	833.1	849.7
125°	251.8	265.4	279.0	282.4	340.2	417.2	455.6	525.4	665.2	770.0	785.3
127.5°	268.4	282.1	295.8	299.3	349.3	416.1	449.4	509.4	629.4	719.3	732.3
130°	277.3	292.1	306.8	310.5	356.0	416.7	447.1	500.5	607.3	687.3	699.4
132.5°	286.5	301.2	316.0	319.7	361.5	417.2	445.0	492.8	588.4	660.1	670.9
135°	300.1	313.5	327.0	330.3	367.4	416.8	441.4	481.5	561.5	621.6	630.8
137.5°	314.0	327.4	340.6	343.9	376.3	419.3	440.8	474.7	542.3	593.1	600.7
140°	325.6	337.8	350.1	353.2	381.7	419.7	438.8	468.0	526.4	570.3	577.4
142.5°	334.5	345.8	357.1	360.0	386.2	421.2	438.8	464.4	515.8	554.3	560.4
145°	348.2	358.0	367.9	370.3	392.1	421.2	435.8	456.8	498.8	530.3	534.9
147.5°	361.8	371.3	381.0	383.4	400.8	424.2	435.8	452.4	485.4	510.2	514.0
150°	370.6	379.3	388.0	390.2	405.3	425.7	435.8	449.8	477.7	498.6	501.7
152.5°	379.8	386.4	392.9	394.6	408.3	426.6	435.8	447.7	471.6	489.5	491.8
155°	393.4	398.2	403.2	404.4	414.8	428.8	435.8	445.3	464.3	478.5	480.1
157.5°	403.5	408.2	413.0	414.2	421.4	431.0	435.8	443.2	457.9	468.9	470.0
160°	410.4	414.0	417.8	418.7	424.4	432.0	435.8	442.1	454.7	464.2	464.8
162.5°	417.2	419.9	422.7	423.4	427.5	433.1	435.8	441.1	451.8	459.8	460.4
165°	424.6	427.0	429.6	430.2	432.1	434.5	435.8	439.7	447.2	453.0	453.6
167.5°	431.4	432.6	433.7	434.0	435.6	437.7	438.8	441.2	446.3	450.0	450.3
170°	435.8	437.0	438.2	438.5	438.6	438.7	438.8	441.2	446.3	450.0	450.0
172.5°	438.2	438.5	438.7	438.8	438.8	438.8	438.8	440.7	444.7	447.6	447.4
175°	441.4	441.4	441.4	441.4	440.5	439.4	438.8	440.1	442.5	444.4	444.4
177.5°	441.4	441.4	441.4	441.4	440.7	439.9	439.4	440.3	442.3	443.8	443.5
180°	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9
2.5°	5426.0	5411.0	5426.0	5416.0	5421.0	5405.9	5360.9	5345.9	5360.9	5376.0	5376.0
5°	5491.0	5481.1	5491.0	5491.0	5486.1	5476.0	5426.0	5416.0	5426.0	5431.0	5421.0
7.5°	5511.0	5496.1	5511.0	5501.1	5501.1	5491.0	5441.0	5431.0	5436.0	5451.0	5436.0
10°	5511.0	5496.1	5511.0	5506.1	5501.1	5491.0	5441.0	5421.0	5421.0	5436.0	5421.0
12.5°	5486.1	5476.0	5486.1	5476.0	5476.0	5466.0	5416.0	5396.0	5400.9	5405.9	5385.9
15°	5446.0	5431.0	5446.0	5436.0	5441.0	5426.0	5370.9	5350.9	5350.9	5360.9	5325.9
17.5°	5385.9	5365.9	5385.9	5380.9	5376.0	5365.9	5315.8	5295.8	5290.9	5295.8	5270.9
20°	5315.8	5300.8	5315.8	5310.9	5310.9	5290.9	5240.8	5215.7	5215.7	5215.7	5190.7
22.5°	5205.8	5190.7	5205.8	5215.7	5215.7	5210.7	5165.7	5130.7	5120.7	5120.7	5090.6
25°	5080.6	5065.6	5080.6	5080.6	5075.6	5080.6	5065.6	5045.6	5030.6	5015.6	4985.5
27.5°	4960.5	4950.5	4960.5	4950.5	4960.5	4945.5	4940.5	4935.4	4915.4	4900.4	4860.4
30°	4840.4	4830.3	4840.4	4830.3	4820.4	4810.3	4785.3	4775.3	4795.3	4785.3	4720.2
32.5°	4690.2	4680.1	4690.2	4690.2	4680.1	4680.1	4640.1	4625.1	4630.2	4660.1	4600.1
35°	4535.0	4520.0	4535.0	4530.0	4535.0	4520.0	4495.0	4489.9	4469.9	4504.9	4459.9
37.5°	4354.8	4339.8	4354.8	4354.8	4354.8	4364.8	4344.8	4329.8	4299.7	4344.8	4309.8
40°	4169.6	4149.6	4169.6	4164.6	4169.6	4179.7	4169.6	4159.6	4129.6	4164.6	4134.6
42.5°	3959.4	3954.4	3959.4	3964.4	3964.4	3984.4	3999.4	3979.4	3969.3	3944.4	3964.4
45°	3734.1	3724.1	3734.1	3744.1	3749.2	3759.1	3804.2	3804.2	3789.2	3749.2	3779.1
47.5°	3493.9	3468.8	3493.9	3523.9	3523.9	3539.0	3583.9	3619.0	3594.0	3543.9	3559.0
50°	3238.6	3243.5	3238.6	3258.6	3258.6	3313.7	3348.7	3383.8	3408.8	3348.7	3278.6
52.5°	2988.3	2983.3	2988.3	3003.4	3023.4	3048.3	3108.5	3143.5	3183.5	3148.5	3038.4
55°	2738.0	2748.1	2738.0	2743.1	2753.0	2768.1	2858.1	2893.2	2968.3	2923.2	2808.1
57.5°	2487.8	2472.7	2487.8	2497.7	2502.8	2517.8	2592.9	2658.0	2703.0	2708.0	2567.8
60°	2197.4	2177.4	2197.4	2242.5	2252.5	2262.5	2332.6	2392.6	2432.7	2447.7	2302.5
62.5°	1942.1	1907.1	1942.1	1972.2	1992.2	2017.3	2067.2	2157.4	2192.4	2197.4	1992.2
65°	1671.9	1656.9	1671.9	1731.9	1736.9	1766.9	1822.0	1887.1	1962.1	1952.2	1656.9
67.5°	1426.5	1426.5	1426.5	1466.6	1496.6	1511.6	1581.7	1611.8	1706.9	1716.9	1381.5
70°	1201.3	1196.3	1201.3	1231.3	1251.3	1286.4	1351.5	1386.5	1461.6	1486.6	1121.3
72.5°	986.1	981.1	986.1	1011.1	1031.2	1061.1	1116.3	1156.3	1221.4	1251.3	870.9
75°	795.9	785.8	795.9	815.9	810.9	850.9	896.0	936.0	996.1	1016.1	645.7
77.5°	610.6	610.6	610.6	630.7	630.7	670.8	690.8	740.8	775.9	805.9	475.5
80°	455.5	450.5	455.5	460.5	460.5	480.6	515.6	550.6	580.7	580.7	325.4
82.5°	320.4	310.3	320.4	320.4	320.4	330.4	350.4	360.4	380.4	395.5	205.2
85°	200.3	200.3	200.3	205.2	200.3	210.2	215.2	225.2	225.2	215.2	125.1
87.5°	130.2	125.1	130.2	125.1	125.1	120.1	120.1	120.1	115.2	110.1	70.1
90°	11.2	11.2	11.2	11.2	11.2	15.0	20.0	22.5	19.3	13.0	8.3
92.5°	45.2	36.2	45.2	54.0	56.3	79.8	111.1	126.8	111.3	80.4	57.2
95°	157.2	130.1	157.2	184.3	191.1	250.9	330.7	370.6	313.1	197.8	111.4
97.5°	376.7	325.0	376.7	428.2	441.1	479.0	529.4	554.6	458.6	266.4	122.4
100°	542.7	481.2	542.7	604.1	619.5	616.7	613.1	611.2	504.6	291.5	131.5
102.5°	705.9	653.2	705.9	758.5	771.7	723.5	659.3	627.2	519.1	302.9	140.7
105°	914.1	885.8	914.1	942.4	949.5	841.5	697.4	625.4	520.7	311.4	154.3
107.5°	1050.6	1057.4	1050.6	1043.7	1042.0	891.2	690.3	589.8	497.5	313.0	174.5
110°	1102.5	1132.0	1102.5	1073.1	1065.7	897.2	672.6	560.2	477.0	310.6	185.8



TEST NUMBER: P934178

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1107.2	1152.4	1107.2	1061.9	1050.6	878.1	648.3	533.3	459.1	310.7	199.4
115°	1077.8	1140.6	1077.8	1015.0	999.3	833.2	611.7	501.0	438.5	313.5	219.9
117.5°	1015.6	1085.2	1015.6	946.0	928.5	778.6	578.8	478.8	425.7	319.4	239.7
120°	965.4	1033.0	965.4	897.8	880.8	743.8	561.1	469.8	421.2	324.1	251.2
122.5°	916.6	983.3	916.6	849.7	833.1	709.7	545.3	463.0	419.0	330.9	264.8
125°	846.8	908.3	846.8	785.3	770.0	665.2	525.4	455.6	417.2	340.2	282.4
127.5°	784.2	836.0	784.2	732.3	719.3	629.4	509.4	449.4	416.1	349.3	299.3
130°	747.3	795.2	747.3	699.4	687.3	607.3	500.5	447.1	416.7	356.0	310.5
132.5°	713.8	756.7	713.8	670.9	660.1	588.4	492.8	445.0	417.2	361.5	319.7
135°	667.8	704.8	667.8	630.8	621.6	561.5	481.5	441.4	416.8	367.4	330.3
137.5°	630.9	661.3	630.9	600.7	593.1	542.3	474.7	440.8	419.3	376.3	343.9
140°	605.7	634.0	605.7	577.4	570.3	526.4	468.0	438.8	419.7	381.7	353.2
142.5°	584.8	609.2	584.8	560.4	554.3	515.8	464.4	438.8	421.2	386.2	360.0
145°	553.3	571.8	553.3	534.9	530.3	498.8	456.8	435.8	421.2	392.1	370.3
147.5°	529.3	544.6	529.3	514.0	510.2	485.4	452.4	435.8	424.2	400.8	383.4
150°	514.1	526.4	514.1	501.7	498.6	477.7	449.8	435.8	425.7	405.3	390.2
152.5°	501.1	510.5	501.1	491.8	489.5	471.6	447.7	435.8	426.6	408.3	394.6
155°	486.2	492.4	486.2	480.1	478.5	464.3	445.3	435.8	428.8	414.8	404.4
157.5°	474.5	478.8	474.5	470.0	468.9	457.9	443.2	435.8	431.0	421.4	414.2
160°	467.4	469.8	467.4	464.8	464.2	454.7	442.1	435.8	432.0	424.4	418.7
162.5°	462.7	465.1	462.7	460.4	459.8	451.8	441.1	435.8	433.1	427.5	423.4
165°	456.1	458.6	456.1	453.6	453.0	447.2	439.7	435.8	434.5	432.1	430.2
167.5°	451.3	452.4	451.3	450.3	450.0	446.3	441.2	438.8	437.7	435.6	434.0
170°	450.0	450.0	450.0	450.0	450.0	446.3	441.2	438.8	438.7	438.6	438.5
172.5°	446.5	445.6	446.5	447.4	447.6	444.7	440.7	438.8	438.8	438.8	438.8
175°	444.4	444.4	444.4	444.4	444.4	442.5	440.1	438.8	439.4	440.5	441.4
177.5°	442.5	441.4	442.5	443.5	443.8	442.3	440.3	439.4	439.9	440.7	441.4
180°	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4



TEST NUMBER: P934178

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9
2.5°	5365.9	5335.9	5335.9	5285.8	5265.8	5250.8	5225.8	5150.7	5130.7	5110.6	5140.7
5°	5411.0	5356.0	5315.8	5225.8	5150.7	5120.7	5025.5	4845.3	4725.2	4635.1	4585.1
7.5°	5421.0	5350.9	5275.8	5135.7	4955.4	4875.4	4585.1	4254.7	4164.6	4084.5	4034.4
10°	5411.0	5330.9	5225.8	5015.6	4590.0	4449.9	4159.6	3944.4	3889.3	3874.3	3889.3
12.5°	5376.0	5300.8	5155.7	4805.3	4209.6	4114.6	3944.4	3819.2	3809.2	3834.3	3969.3
15°	5315.8	5245.8	5075.6	4525.0	3999.4	3929.3	3809.2	3764.2	3819.2	3994.4	4399.8
17.5°	5255.8	5175.7	4965.5	4249.7	3839.3	3789.2	3704.1	3794.2	4104.5	4339.8	4475.0
20°	5175.7	5080.6	4840.4	4049.5	3724.1	3679.1	3639.0	4044.5	4279.7	4364.8	4439.9
22.5°	5080.6	4980.5	4670.2	3909.3	3604.0	3568.9	3594.0	4184.6	4279.7	4339.8	4404.9
25°	4955.4	4870.3	4469.9	3799.2	3508.9	3468.8	3563.9	4169.6	4224.6	4239.7	4369.9
27.5°	4840.4	4730.2	4259.7	3699.1	3393.7	3378.7	3588.9	4104.5	4144.6	4159.6	4299.7
30°	4700.2	4535.0	4024.5	3594.0	3273.6	3268.6	3594.0	4024.5	4014.4	4054.4	4194.6
32.5°	4555.0	4244.7	3759.1	3463.8	3158.5	3153.5	3559.0	3904.3	3894.3	3949.3	4054.4
35°	4419.8	4019.4	3398.7	3313.7	3013.3	3018.3	3473.9	3764.2	3769.2	3819.2	3884.2
37.5°	4279.7	3824.2	3003.4	3148.5	2873.2	2873.2	3358.7	3634.0	3624.0	3639.0	3729.2
40°	4114.6	3518.8	2652.9	2933.3	2743.1	2728.0	3218.6	3493.9	3458.8	3453.9	3579.0
42.5°	3939.4	3183.5	2392.6	2647.9	2592.9	2572.9	3048.3	3323.7	3258.6	3273.6	3433.7
45°	3749.2	3093.4	2192.4	2237.4	2437.7	2422.7	2863.1	3128.5	3083.4	3123.5	3288.6
47.5°	3559.0	2913.2	2127.4	1857.0	2272.5	2267.5	2658.0	2938.3	2913.2	2953.3	3128.5
50°	3298.7	2713.0	2122.4	1591.8	2087.3	2107.3	2412.6	2753.0	2753.0	2788.1	2973.3
52.5°	2963.2	2467.8	1927.1	1441.6	1872.0	1932.2	2197.4	2592.9	2602.8	2637.9	2803.1
55°	2658.0	2212.5	1786.9	1326.5	1616.7	1746.9	1987.2	2427.6	2447.7	2482.7	2632.9
57.5°	2377.6	1842.0	1757.0	1191.3	1381.5	1506.7	1802.0	2267.5	2277.6	2307.5	2452.7
60°	2077.3	1331.5	1611.8	1046.1	1176.3	1271.4	1631.8	2077.3	2112.3	2132.3	2257.4
62.5°	1736.9	966.1	1461.6	946.1	1076.2	1096.2	1491.6	1897.1	1942.1	1957.1	2032.2
65°	1236.3	810.9	1241.4	861.0	971.1	976.0	1341.5	1711.9	1751.9	1777.0	1832.0
67.5°	835.9	660.7	946.1	780.8	890.9	896.0	1196.3	1496.6	1551.7	1571.8	1606.8
70°	580.7	440.4	700.8	695.7	800.9	810.9	1041.1	1301.4	1351.5	1366.5	1386.5
72.5°	425.5	355.4	580.7	625.7	705.8	715.8	881.0	1081.1	1131.2	1146.2	1156.3
75°	325.4	375.4	470.5	545.6	600.7	605.7	720.8	881.0	916.0	926.1	931.0
77.5°	260.3	350.4	345.4	440.4	490.5	480.6	565.7	680.7	710.8	710.8	710.8
80°	195.2	275.3	260.3	315.3	360.4	350.4	405.4	485.5	495.6	505.5	500.6
82.5°	145.1	175.2	175.2	200.3	240.3	230.2	270.3	315.3	315.3	315.3	325.4
85°	90.1	100.1	80.1	105.1	135.2	130.2	150.2	170.2	175.2	175.2	165.2
87.5°	55.0	45.1	25.0	40.0	60.0	60.0	70.1	75.0	70.1	70.1	70.1
90°	7.7	5.3	3.0	5.3	7.7	8.3	13.0	19.3	22.5	20.0	15.0
92.5°	52.2	31.9	11.8	31.9	52.2	57.2	80.4	111.3	126.8	111.1	79.8
95°	102.1	65.3	28.4	65.3	102.1	111.4	197.8	313.1	370.6	330.7	250.9
97.5°	114.3	81.7	49.2	81.7	114.3	122.4	266.4	458.6	554.6	529.4	479.0
100°	124.1	94.7	65.2	94.7	124.1	131.5	291.5	504.6	611.2	613.1	616.7
102.5°	133.8	106.3	78.8	106.3	133.8	140.7	302.9	519.1	627.2	659.3	723.5
105°	148.5	125.2	102.0	125.2	148.5	154.3	311.4	520.7	625.4	697.4	841.5
107.5°	169.1	147.3	125.6	147.3	169.1	174.5	313.0	497.5	589.8	690.3	891.2
110°	180.8	161.2	141.6	161.2	180.8	185.8	310.6	477.0	560.2	672.6	897.2



TEST NUMBER: P934178

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	194.7	176.0	157.4	176.0	194.7	199.4	310.7	459.1	533.3	648.3	878.1
115°	215.5	198.3	181.0	198.3	215.5	219.9	313.5	438.5	501.0	611.7	833.2
117.5°	235.8	220.1	204.4	220.1	235.8	239.7	319.4	425.7	478.8	578.8	778.6
120°	247.6	232.8	218.0	232.8	247.6	251.2	324.1	421.2	469.8	561.1	743.8
122.5°	261.1	246.3	231.4	246.3	261.1	264.8	330.9	419.0	463.0	545.3	709.7
125°	279.0	265.4	251.8	265.4	279.0	282.4	340.2	417.2	455.6	525.4	665.2
127.5°	295.8	282.1	268.4	282.1	295.8	299.3	349.3	416.1	449.4	509.4	629.4
130°	306.8	292.1	277.3	292.1	306.8	310.5	356.0	416.7	447.1	500.5	607.3
132.5°	316.0	301.2	286.5	301.2	316.0	319.7	361.5	417.2	445.0	492.8	588.4
135°	327.0	313.5	300.1	313.5	327.0	330.3	367.4	416.8	441.4	481.5	561.5
137.5°	340.6	327.4	314.0	327.4	340.6	343.9	376.3	419.3	440.8	474.7	542.3
140°	350.1	337.8	325.6	337.8	350.1	353.2	381.7	419.7	438.8	468.0	526.4
142.5°	357.1	345.8	334.5	345.8	357.1	360.0	386.2	421.2	438.8	464.4	515.8
145°	367.9	358.0	348.2	358.0	367.9	370.3	392.1	421.2	435.8	456.8	498.8
147.5°	381.0	371.3	361.8	371.3	381.0	383.4	400.8	424.2	435.8	452.4	485.4
150°	388.0	379.3	370.6	379.3	388.0	390.2	405.3	425.7	435.8	449.8	477.7
152.5°	392.9	386.4	379.8	386.4	392.9	394.6	408.3	426.6	435.8	447.7	471.6
155°	403.2	398.2	393.4	398.2	403.2	404.4	414.8	428.8	435.8	445.3	464.3
157.5°	413.0	408.2	403.5	408.2	413.0	414.2	421.4	431.0	435.8	443.2	457.9
160°	417.8	414.0	410.4	414.0	417.8	418.7	424.4	432.0	435.8	442.1	454.7
162.5°	422.7	419.9	417.2	419.9	422.7	423.4	427.5	433.1	435.8	441.1	451.8
165°	429.6	427.0	424.6	427.0	429.6	430.2	432.1	434.5	435.8	439.7	447.2
167.5°	433.7	432.6	431.4	432.6	433.7	434.0	435.6	437.7	438.8	441.2	446.3
170°	438.2	437.0	435.8	437.0	438.2	438.5	438.6	438.7	438.8	441.2	446.3
172.5°	438.7	438.5	438.2	438.5	438.7	438.8	438.8	438.8	438.8	440.7	444.7
175°	441.4	441.4	441.4	441.4	441.4	441.4	440.5	439.4	438.8	440.1	442.5
177.5°	441.4	441.4	441.4	441.4	441.4	441.4	440.7	439.9	439.4	440.3	442.3
180°	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4



TEST NUMBER: P934178
 CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9	5290.9
2.5°	5105.6	5090.6	5110.6	5055.6	5110.6	5090.6	5105.6	5140.7	5110.6	5130.7	5150.7
5°	4480.0	4454.9	4374.8	4309.8	4374.8	4454.9	4480.0	4585.1	4635.1	4725.2	4845.3
7.5°	4004.4	3984.4	3964.4	3924.4	3964.4	3984.4	4004.4	4034.4	4084.5	4164.6	4254.7
10°	3899.3	3904.3	3934.3	3929.3	3934.3	3904.3	3899.3	3889.3	3874.3	3889.3	3944.4
12.5°	4169.6	4214.7	4379.8	4369.9	4379.8	4214.7	4169.6	3969.3	3834.3	3809.2	3819.2
15°	4480.0	4495.0	4530.0	4535.0	4530.0	4495.0	4480.0	4399.8	3994.4	3819.2	3764.2
17.5°	4510.0	4515.0	4540.0	4540.0	4540.0	4515.0	4510.0	4475.0	4339.8	4104.5	3794.2
20°	4484.9	4495.0	4545.1	4555.0	4545.1	4495.0	4484.9	4439.9	4364.8	4279.7	4044.5
22.5°	4475.0	4495.0	4535.0	4530.0	4535.0	4495.0	4475.0	4404.9	4339.8	4279.7	4184.6
25°	4424.9	4424.9	4429.9	4434.9	4429.9	4424.9	4424.9	4369.9	4239.7	4224.6	4169.6
27.5°	4319.8	4329.8	4359.8	4354.8	4359.8	4329.8	4319.8	4299.7	4159.6	4144.6	4104.5
30°	4224.6	4214.7	4189.6	4169.6	4189.6	4214.7	4224.6	4194.6	4054.4	4014.4	4024.5
32.5°	4064.5	4039.4	4014.4	3999.4	4014.4	4039.4	4064.5	4054.4	3949.3	3894.3	3904.3
35°	3874.3	3879.3	3874.3	3859.3	3874.3	3879.3	3874.3	3884.2	3819.2	3769.2	3764.2
37.5°	3739.1	3749.2	3744.1	3724.1	3744.1	3749.2	3739.1	3729.2	3639.0	3624.0	3634.0
40°	3599.0	3604.0	3599.0	3583.9	3599.0	3604.0	3599.0	3579.0	3453.9	3458.8	3493.9
42.5°	3463.8	3458.8	3443.8	3433.7	3443.8	3458.8	3463.8	3433.7	3273.6	3258.6	3323.7
45°	3308.6	3313.7	3283.6	3268.6	3283.6	3313.7	3308.6	3288.6	3123.5	3083.4	3128.5
47.5°	3153.5	3153.5	3128.5	3113.4	3128.5	3153.5	3153.5	3128.5	2953.3	2913.2	2938.3
50°	2988.3	2983.3	2948.2	2943.2	2948.2	2983.3	2988.3	2973.3	2788.1	2753.0	2753.0
52.5°	2798.1	2798.1	2803.1	2813.1	2803.1	2798.1	2798.1	2803.1	2637.9	2602.8	2592.9
55°	2632.9	2637.9	2672.9	2683.0	2672.9	2637.9	2632.9	2632.9	2482.7	2447.7	2427.6
57.5°	2462.7	2462.7	2487.8	2487.8	2487.8	2462.7	2462.7	2452.7	2307.5	2277.6	2267.5
60°	2267.5	2277.6	2297.6	2292.5	2297.6	2277.6	2267.5	2257.4	2132.3	2112.3	2077.3
62.5°	2062.3	2072.3	2077.3	2067.2	2077.3	2072.3	2062.3	2032.2	1957.1	1942.1	1897.1
65°	1847.1	1857.0	1862.1	1852.0	1862.1	1857.0	1847.1	1832.0	1777.0	1751.9	1711.9
67.5°	1626.8	1621.8	1616.7	1636.8	1616.7	1621.8	1626.8	1606.8	1571.8	1551.7	1496.6
70°	1401.5	1401.5	1396.6	1406.5	1396.6	1401.5	1401.5	1386.5	1366.5	1351.5	1301.4
72.5°	1161.3	1156.3	1176.3	1161.3	1176.3	1156.3	1161.3	1156.3	1146.2	1131.2	1081.1
75°	926.1	936.0	926.1	941.0	926.1	936.0	926.1	931.0	926.1	916.0	881.0
77.5°	705.8	715.8	705.8	705.8	705.8	715.8	705.8	710.8	710.8	710.8	680.7
80°	500.6	495.6	495.6	490.5	495.6	495.6	500.6	500.6	505.5	495.6	485.5
82.5°	320.4	315.3	315.3	325.4	315.3	315.3	320.4	325.4	315.3	315.3	315.3
85°	175.2	180.2	170.2	170.2	170.2	180.2	175.2	165.2	175.2	175.2	170.2
87.5°	65.1	60.0	60.0	60.0	60.0	60.0	65.1	70.1	70.1	70.1	75.0
90°	11.2	11.2	11.2	11.2	11.2	11.2	11.2	15.0	20.0	22.5	19.3
92.5°	56.3	54.0	45.2	36.2	45.2	54.0	56.3	79.8	111.1	126.8	111.3
95°	191.1	184.3	157.2	130.1	157.2	184.3	191.1	250.9	330.7	370.6	313.1
97.5°	441.1	428.2	376.7	325.0	376.7	428.2	441.1	479.0	529.4	554.6	458.6
100°	619.5	604.1	542.7	481.2	542.7	604.1	619.5	616.7	613.1	611.2	504.6
102.5°	771.7	758.5	705.9	653.2	705.9	758.5	771.7	723.5	659.3	627.2	519.1
105°	949.5	942.4	914.1	885.8	914.1	942.4	949.5	841.5	697.4	625.4	520.7
107.5°	1042.0	1043.7	1050.6	1057.4	1050.6	1043.7	1042.0	891.2	690.3	589.8	497.5
110°	1065.7	1073.1	1102.5	1132.0	1102.5	1073.1	1065.7	897.2	672.6	560.2	477.0



TEST NUMBER: P934178

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	1050.6	1061.9	1107.2	1152.4	1107.2	1061.9	1050.6	878.1	648.3	533.3	459.1
115°	999.3	1015.0	1077.8	1140.6	1077.8	1015.0	999.3	833.2	611.7	501.0	438.5
117.5°	928.5	946.0	1015.6	1085.2	1015.6	946.0	928.5	778.6	578.8	478.8	425.7
120°	880.8	897.8	965.4	1033.0	965.4	897.8	880.8	743.8	561.1	469.8	421.2
122.5°	833.1	849.7	916.6	983.3	916.6	849.7	833.1	709.7	545.3	463.0	419.0
125°	770.0	785.3	846.8	908.3	846.8	785.3	770.0	665.2	525.4	455.6	417.2
127.5°	719.3	732.3	784.2	836.0	784.2	732.3	719.3	629.4	509.4	449.4	416.1
130°	687.3	699.4	747.3	795.2	747.3	699.4	687.3	607.3	500.5	447.1	416.7
132.5°	660.1	670.9	713.8	756.7	713.8	670.9	660.1	588.4	492.8	445.0	417.2
135°	621.6	630.8	667.8	704.8	667.8	630.8	621.6	561.5	481.5	441.4	416.8
137.5°	593.1	600.7	630.9	661.3	630.9	600.7	593.1	542.3	474.7	440.8	419.3
140°	570.3	577.4	605.7	634.0	605.7	577.4	570.3	526.4	468.0	438.8	419.7
142.5°	554.3	560.4	584.8	609.2	584.8	560.4	554.3	515.8	464.4	438.8	421.2
145°	530.3	534.9	553.3	571.8	553.3	534.9	530.3	498.8	456.8	435.8	421.2
147.5°	510.2	514.0	529.3	544.6	529.3	514.0	510.2	485.4	452.4	435.8	424.2
150°	498.6	501.7	514.1	526.4	514.1	501.7	498.6	477.7	449.8	435.8	425.7
152.5°	489.5	491.8	501.1	510.5	501.1	491.8	489.5	471.6	447.7	435.8	426.6
155°	478.5	480.1	486.2	492.4	486.2	480.1	478.5	464.3	445.3	435.8	428.8
157.5°	468.9	470.0	474.5	478.8	474.5	470.0	468.9	457.9	443.2	435.8	431.0
160°	464.2	464.8	467.4	469.8	467.4	464.8	464.2	454.7	442.1	435.8	432.0
162.5°	459.8	460.4	462.7	465.1	462.7	460.4	459.8	451.8	441.1	435.8	433.1
165°	453.0	453.6	456.1	458.6	456.1	453.6	453.0	447.2	439.7	435.8	434.5
167.5°	450.0	450.3	451.3	452.4	451.3	450.3	450.0	446.3	441.2	438.8	437.7
170°	450.0	450.0	450.0	450.0	450.0	450.0	450.0	446.3	441.2	438.8	438.7
172.5°	447.6	447.4	446.5	445.6	446.5	447.4	447.6	444.7	440.7	438.8	438.8
175°	444.4	444.4	444.4	444.4	444.4	444.4	444.4	442.5	440.1	438.8	439.4
177.5°	443.8	443.5	442.5	441.4	442.5	443.5	443.8	442.3	440.3	439.4	439.9
180°	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4	441.4



TEST NUMBER: P934178

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	5290.9	5290.9	5290.9	5290.9	5290.9
2.5°	5225.8	5250.8	5265.8	5285.8	5335.9
5°	5025.5	5120.7	5150.7	5225.8	5315.8
7.5°	4585.1	4875.4	4955.4	5135.7	5275.8
10°	4159.6	4449.9	4590.0	5015.6	5225.8
12.5°	3944.4	4114.6	4209.6	4805.3	5155.7
15°	3809.2	3929.3	3999.4	4525.0	5075.6
17.5°	3704.1	3789.2	3839.3	4249.7	4965.5
20°	3639.0	3679.1	3724.1	4049.5	4840.4
22.5°	3594.0	3568.9	3604.0	3909.3	4670.2
25°	3563.9	3468.8	3508.9	3799.2	4469.9
27.5°	3588.9	3378.7	3393.7	3699.1	4259.7
30°	3594.0	3268.6	3273.6	3594.0	4024.5
32.5°	3559.0	3153.5	3158.5	3463.8	3759.1
35°	3473.9	3018.3	3013.3	3313.7	3398.7
37.5°	3358.7	2873.2	2873.2	3148.5	3003.4
40°	3218.6	2728.0	2743.1	2933.3	2652.9
42.5°	3048.3	2572.9	2592.9	2647.9	2392.6
45°	2863.1	2422.7	2437.7	2237.4	2192.4
47.5°	2658.0	2267.5	2272.5	1857.0	2127.4
50°	2412.6	2107.3	2087.3	1591.8	2122.4
52.5°	2197.4	1932.2	1872.0	1441.6	1927.1
55°	1987.2	1746.9	1616.7	1326.5	1786.9
57.5°	1802.0	1506.7	1381.5	1191.3	1757.0
60°	1631.8	1271.4	1176.3	1046.1	1611.8
62.5°	1491.6	1096.2	1076.2	946.1	1461.6
65°	1341.5	976.0	971.1	861.0	1241.4
67.5°	1196.3	896.0	890.9	780.8	946.1
70°	1041.1	810.9	800.9	695.7	700.8
72.5°	881.0	715.8	705.8	625.7	580.7
75°	720.8	605.7	600.7	545.6	470.5
77.5°	565.7	480.6	490.5	440.4	345.4
80°	405.4	350.4	360.4	315.3	260.3
82.5°	270.3	230.2	240.3	200.3	175.2
85°	150.2	130.2	135.2	105.1	80.1
87.5°	70.1	60.0	60.0	40.0	25.0
90°	13.0	8.3	7.7	5.3	3.0
92.5°	80.4	57.2	52.2	31.9	11.8
95°	197.8	111.4	102.1	65.3	28.4
97.5°	266.4	122.4	114.3	81.7	49.2
100°	291.5	131.5	124.1	94.7	65.2
102.5°	302.9	140.7	133.8	106.3	78.8
105°	311.4	154.3	148.5	125.2	102.0
107.5°	313.0	174.5	169.1	147.3	125.6
110°	310.6	185.8	180.8	161.2	141.6



TEST NUMBER: P934178

CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-3000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	310.7	199.4	194.7	176.0	157.4
115°	313.5	219.9	215.5	198.3	181.0
117.5°	319.4	239.7	235.8	220.1	204.4
120°	324.1	251.2	247.6	232.8	218.0
122.5°	330.9	264.8	261.1	246.3	231.4
125°	340.2	282.4	279.0	265.4	251.8
127.5°	349.3	299.3	295.8	282.1	268.4
130°	356.0	310.5	306.8	292.1	277.3
132.5°	361.5	319.7	316.0	301.2	286.5
135°	367.4	330.3	327.0	313.5	300.1
137.5°	376.3	343.9	340.6	327.4	314.0
140°	381.7	353.2	350.1	337.8	325.6
142.5°	386.2	360.0	357.1	345.8	334.5
145°	392.1	370.3	367.9	358.0	348.2
147.5°	400.8	383.4	381.0	371.3	361.8
150°	405.3	390.2	388.0	379.3	370.6
152.5°	408.3	394.6	392.9	386.4	379.8
155°	414.8	404.4	403.2	398.2	393.4
157.5°	421.4	414.2	413.0	408.2	403.5
160°	424.4	418.7	417.8	414.0	410.4
162.5°	427.5	423.4	422.7	419.9	417.2
165°	432.1	430.2	429.6	427.0	424.6
167.5°	435.6	434.0	433.7	432.6	431.4
170°	438.6	438.5	438.2	437.0	435.8
172.5°	438.8	438.8	438.7	438.5	438.2
175°	440.5	441.4	441.4	441.4	441.4
177.5°	440.7	441.4	441.4	441.4	441.4
180°	441.4	441.4	441.4	441.4	441.4



TEST NUMBER: P934178
 CATALOG NUMBER: SQ4-FA-025U-125D-B2750-1D-UNV-STD-W-12-3000K

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	17.13	18.39	17.75	19.02	19.73	19.99	21.24	20.60	21.87	22.58
	3H	17.64	18.77	18.27	19.41	20.16	21.37	22.50	21.99	23.13	23.88
	4H	17.85	18.92	18.50	19.56	20.32	21.83	22.90	22.48	23.55	24.31
	6H	17.99	18.97	18.65	19.63	20.41	22.14	23.13	22.80	23.79	24.56
	8H	18.00	18.94	18.67	19.62	20.40	22.23	23.17	22.90	23.85	24.63
	12H	17.98	18.88	18.66	19.56	20.36	22.29	23.18	22.97	23.86	24.66
4H	2H	18.22	19.29	18.87	19.93	20.69	20.44	21.51	21.09	22.16	22.92
	3H	19.28	20.17	19.95	20.86	21.64	21.99	22.88	22.65	23.57	24.35
	4H	19.57	20.38	20.26	21.07	21.88	22.54	23.34	23.22	24.04	24.85
	6H	19.72	20.42	20.42	21.14	21.96	22.93	23.63	23.63	24.35	25.17
	8H	19.74	20.39	20.44	21.10	21.94	23.05	23.70	23.76	24.42	25.25
	12H	19.72	20.31	20.45	21.05	21.89	23.13	23.72	23.86	24.46	25.29
8H	4H	20.06	20.72	20.77	21.43	22.26	22.69	23.35	23.40	24.06	24.89
	6H	20.34	20.88	21.08	21.64	22.48	23.15	23.69	23.89	24.45	25.29
	8H	20.39	20.87	21.14	21.63	22.48	23.31	23.79	24.06	24.55	25.40
	12H	20.39	20.82	21.14	21.56	22.48	23.43	23.86	24.18	24.61	25.52
12H	4H	20.09	20.68	20.81	21.42	22.25	22.68	23.26	23.40	24.00	24.84
	6H	20.41	20.89	21.15	21.65	22.50	23.15	23.64	23.90	24.40	25.25
	8H	20.49	20.92	21.24	21.67	22.58	23.34	23.76	24.09	24.51	25.42