

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: P934129

Luminaire Tested: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-5000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934129
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-92765-1D-UNV-STD-W-12-5000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

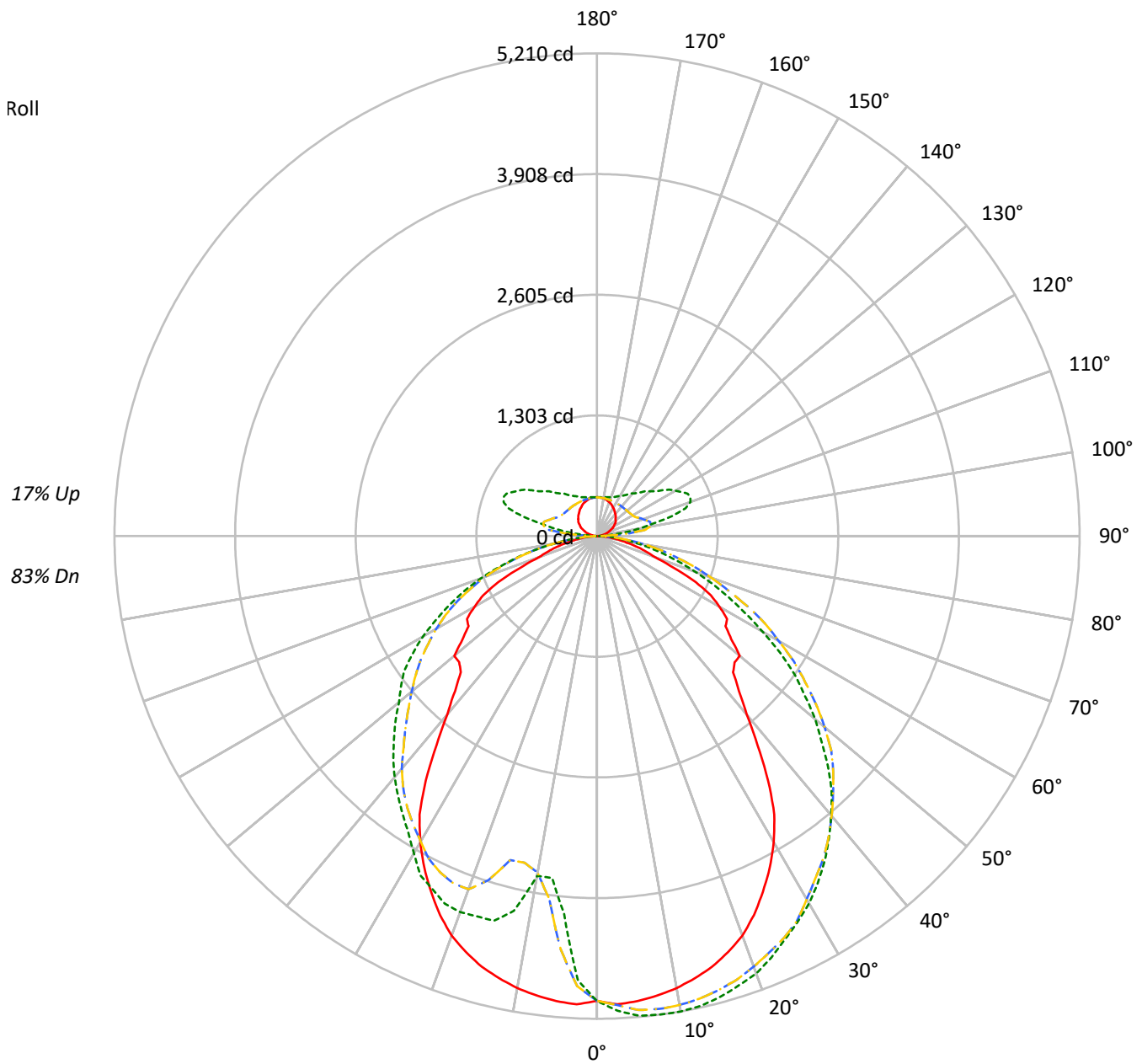
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15718.9 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: P934129
CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-5000K

Luminous Intensity Polar Plot



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



TEST NUMBER: P934129

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-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°	15514	15514	15514	15514
5°	15635	15660	15635	12314
10°	15536	15426	15536	11029
15°	15373	15092	15373	12602
20°	15058	14696	15058	12628
25°	14406	14119	14406	12361
30°	13561	13639	13561	11773
35°	12095	13033	12095	11128
40°	10084	12319	10084	10640
45°	9016	11483	9016	10079
50°	9586	10486	9586	9516
55°	9028	9413	9028	9190
60°	9318	7994	9318	8417
65°	8462	6609	8462	7387
70°	5873	5267	5873	6192
75°	5169	3893	5169	4662
80°	4198	2574	4198	2802
85°	2459	1363	2459	1158

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13810 cd/sqm



TEST NUMBER: P934129

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-5000K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	452.7	2.9
10°-20°	1285.5	8.2
20°-30°	1987.1	12.6
30°-40°	2372.2	15.1
40°-50°	2386.1	15.2
50°-60°	2076.2	13.2
60°-70°	1472.0	9.4
70°-80°	778.8	5.0
80°-90°	195.6	1.2
90°-100°	204.0	1.3
100°-110°	536.3	3.4
110°-120°	556.1	3.5
120°-130°	446.0	2.8
130°-140°	350.0	2.2
140°-150°	268.6	1.7
150°-160°	193.5	1.2
160°-170°	118.4	0.8
170°-180°	40.0	0.3
0°-30°	3725.3	23.7
0°-40°	6097.5	38.8
0°-60°	10559.8	67.2
0°-90°	13006.2	82.7
90°-120°	1296.3	8.2
90°-150°	2361.0	15.0
90°-180°	2713.0	17.3
0°-180°	15718.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	5016	5016	5016	5016	5016	
5°	5039	5196	5039	4086	5039	478
15°	4812	5148	4812	4299	4812	1354
25°	4237	4802	4237	4204	4237	1946
35°	3222	4285	3222	3658	3222	1993
45°	2078	3530	2078	3099	2078	1665
55°	1694	2605	1694	2543	1694	1557
65°	1177	1571	1177	1756	1177	1125
75°	446	745	446	892	446	469
85°	76	190	76	161	76	103
90°	3	11	3	11	3	6
95°	27	123	27	123	27	30
105°	97	840	97	840	97	102
115°	172	1081	172	1081	172	169
125°	239	861	239	861	239	212
135°	284	668	284	668	284	220
145°	330	542	330	542	330	207
155°	373	467	373	467	373	171
165°	402	435	402	435	402	114
175°	418	421	418	421	418	40
180°	418	418	418	418	418	



TEST NUMBER: P934129

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6
2.5°	5058.3	5058.3	5086.8	5096.3	5096.3	5082.0	5067.8	5082.0	5124.7	5139.0	5134.2
5°	5039.3	5077.3	5129.5	5139.0	5148.5	5143.7	5134.2	5143.7	5191.2	5200.7	5205.4
7.5°	5001.3	5072.6	5139.0	5153.2	5167.4	5153.2	5148.5	5158.0	5205.4	5214.9	5214.9
10°	4953.9	5053.6	5129.5	5139.0	5153.2	5139.0	5139.0	5158.0	5205.4	5214.9	5219.7
12.5°	4887.5	5025.1	5096.3	5105.7	5124.7	5119.9	5115.3	5134.2	5181.6	5191.2	5191.2
15°	4811.6	4972.9	5039.3	5048.8	5082.0	5072.6	5072.6	5091.5	5143.7	5158.0	5153.2
17.5°	4707.2	4906.5	4982.4	4996.7	5020.3	5015.6	5020.3	5039.3	5086.8	5096.3	5101.0
20°	4588.6	4816.3	4906.5	4920.7	4944.4	4944.4	4944.4	4968.1	5015.6	5034.6	5034.6
22.5°	4427.2	4721.4	4816.3	4825.8	4854.3	4854.3	4863.7	4896.9	4939.6	4944.4	4944.4
25°	4237.4	4617.0	4697.6	4726.2	4754.7	4768.9	4783.1	4802.1	4816.3	4811.6	4816.3
27.5°	4038.1	4484.2	4588.6	4607.5	4645.5	4659.7	4678.7	4683.4	4688.2	4702.4	4693.0
30°	3815.1	4299.1	4455.7	4474.6	4536.3	4545.8	4526.9	4536.3	4560.1	4569.6	4579.0
32.5°	3563.6	4023.9	4318.1	4360.8	4417.7	4389.3	4384.5	4398.7	4436.7	4436.7	4446.2
35°	3221.9	3810.3	4189.9	4227.9	4270.6	4237.4	4256.4	4261.1	4284.9	4299.1	4294.3
37.5°	2847.1	3625.3	4057.1	4085.6	4118.8	4076.1	4104.6	4118.8	4137.8	4128.2	4128.2
40°	2514.9	3335.8	3900.5	3919.5	3947.9	3914.7	3943.2	3952.7	3962.2	3952.7	3947.9
42.5°	2268.2	3017.9	3734.4	3758.2	3739.2	3762.8	3772.4	3791.4	3777.1	3758.2	3758.2
45°	2078.3	2932.5	3554.1	3582.5	3554.1	3592.1	3606.3	3606.3	3563.6	3554.1	3549.4
47.5°	2016.7	2761.7	3373.8	3373.8	3359.5	3407.0	3430.7	3397.5	3354.8	3340.5	3340.5
50°	2012.0	2571.8	3127.1	3108.1	3174.4	3231.5	3207.7	3174.4	3141.3	3089.1	3089.1
52.5°	1826.9	2339.4	2809.1	2880.3	2984.7	3017.9	2979.9	2946.8	2889.7	2866.1	2847.1
55°	1694.0	2097.4	2519.7	2662.0	2771.1	2813.8	2742.7	2709.4	2624.1	2609.8	2600.4
57.5°	1665.6	1746.2	2254.0	2434.3	2567.1	2562.4	2519.7	2458.0	2386.8	2372.6	2367.8
60°	1528.0	1262.2	1969.2	2182.7	2320.4	2306.1	2268.2	2211.2	2144.8	2135.3	2125.8
62.5°	1385.6	915.8	1646.6	1888.6	2083.1	2078.3	2045.1	1959.7	1912.3	1888.6	1869.6
65°	1176.8	768.7	1172.0	1570.7	1850.6	1860.1	1788.9	1727.2	1675.0	1646.6	1641.8
67.5°	896.9	626.3	792.4	1309.6	1627.6	1618.1	1528.0	1499.5	1433.0	1418.8	1390.3
70°	664.3	417.5	550.4	1062.9	1409.3	1385.6	1314.4	1281.2	1219.5	1186.2	1167.3
72.5°	550.4	336.9	403.3	825.6	1186.2	1157.8	1096.1	1058.2	1005.9	977.5	958.5
75°	446.0	355.8	308.5	612.1	963.2	944.2	887.3	849.4	806.7	768.7	773.5
77.5°	327.4	332.2	246.8	450.8	763.9	735.5	702.2	654.9	635.9	597.9	597.9
80°	246.8	261.0	185.1	308.5	550.4	550.4	521.9	488.8	455.6	436.5	436.5
82.5°	166.1	166.1	137.6	194.5	374.9	360.6	341.6	332.2	313.2	303.7	303.7
85°	75.9	94.9	85.4	118.6	204.0	213.5	213.5	204.0	199.3	189.8	194.5
87.5°	23.7	42.7	52.2	66.5	104.4	109.2	113.8	113.8	113.8	118.6	118.6
90°	2.8	5.0	7.3	7.9	12.3	18.3	21.3	19.0	14.2	10.7	10.7
92.5°	11.2	30.3	49.4	54.2	76.2	105.5	120.2	105.3	75.6	53.4	51.2
95°	26.9	61.9	96.8	105.6	187.5	296.8	351.4	313.5	237.9	181.1	174.7
97.5°	46.6	77.5	108.3	116.0	252.6	434.7	525.8	501.8	454.1	418.2	405.9
100°	61.8	89.7	117.7	124.7	276.3	478.4	579.4	581.2	584.7	587.3	572.7
102.5°	74.7	100.8	126.8	133.4	287.1	492.1	594.6	625.0	685.9	731.6	719.1
105°	96.6	118.7	140.8	146.3	295.2	493.6	592.9	661.1	797.7	900.1	893.4
107.5°	119.1	139.6	160.3	165.4	296.7	471.7	559.1	654.4	844.9	987.8	989.4
110°	134.2	152.8	171.4	176.1	294.4	452.2	531.1	637.6	850.5	1010.2	1017.2



TEST NUMBER: P934129

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	149.2	166.8	184.6	189.0	294.5	435.2	505.6	614.6	832.4	995.9	1006.7
115°	171.6	188.0	204.3	208.4	297.2	415.7	474.9	579.9	789.8	947.3	962.2
117.5°	193.8	208.6	223.5	227.2	302.8	403.5	453.9	548.7	738.1	880.2	896.8
120°	206.7	220.7	234.7	238.2	307.2	399.3	445.4	531.9	705.1	835.0	851.0
122.5°	219.4	233.5	247.5	251.1	313.7	397.2	438.9	516.9	672.8	789.7	805.5
125°	238.7	251.6	264.5	267.7	322.5	395.5	431.9	498.1	630.6	729.9	744.5
127.5°	254.4	267.4	280.4	283.7	331.2	394.4	426.0	482.9	596.6	681.9	694.2
130°	262.8	276.9	290.9	294.3	337.5	395.0	423.8	474.5	575.7	651.6	663.0
132.5°	271.6	285.6	299.6	303.0	342.7	395.5	421.8	467.2	557.8	625.8	636.0
135°	284.5	297.2	309.9	313.1	348.3	395.1	418.5	456.4	532.3	589.2	598.0
137.5°	297.7	310.3	322.8	326.0	356.7	397.5	417.9	450.0	514.1	562.2	569.4
140°	308.6	320.2	331.9	334.8	361.8	397.9	415.9	443.6	499.0	540.6	547.4
142.5°	317.1	327.8	338.6	341.3	366.1	399.3	415.9	440.2	488.9	525.5	531.3
145°	330.0	339.4	348.7	351.1	371.7	399.3	413.1	433.0	472.9	502.7	507.1
147.5°	342.9	352.0	361.2	363.4	380.0	402.1	413.1	428.8	460.2	483.6	487.3
150°	351.4	359.6	367.8	369.9	384.3	403.5	413.1	426.4	452.9	472.7	475.6
152.5°	360.0	366.3	372.5	374.1	387.1	404.4	413.1	424.4	447.1	464.0	466.2
155°	372.9	377.5	382.2	383.3	393.2	406.5	413.1	422.1	440.2	453.6	455.1
157.5°	382.5	387.0	391.5	392.7	399.5	408.6	413.1	420.2	434.1	444.5	445.6
160°	389.0	392.5	396.0	396.9	402.3	409.5	413.1	419.1	431.1	440.1	440.6
162.5°	395.5	398.1	400.7	401.4	405.3	410.5	413.1	418.2	428.3	435.9	436.4
165°	402.5	404.8	407.3	407.8	409.6	411.9	413.1	416.8	424.0	429.4	430.0
167.5°	408.9	410.1	411.2	411.5	413.0	414.9	415.9	418.3	423.0	426.6	426.9
170°	413.1	414.3	415.4	415.7	415.8	415.9	415.9	418.3	423.0	426.6	426.6
172.5°	415.4	415.7	415.9	415.9	415.9	415.9	415.9	417.8	421.6	424.4	424.2
175°	418.5	418.5	418.5	418.5	417.6	416.5	415.9	417.2	419.5	421.3	421.3
177.5°	418.5	418.5	418.5	418.5	417.8	417.0	416.5	417.4	419.3	420.7	420.4
180°	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5



TEST NUMBER: P934129

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6
2.5°	5143.7	5129.5	5143.7	5134.2	5139.0	5124.7	5082.0	5067.8	5082.0	5096.3	5096.3
5°	5205.4	5195.9	5205.4	5205.4	5200.7	5191.2	5143.7	5134.2	5143.7	5148.5	5139.0
7.5°	5224.4	5210.1	5224.4	5214.9	5214.9	5205.4	5158.0	5148.5	5153.2	5167.4	5153.2
10°	5224.4	5210.1	5224.4	5219.7	5214.9	5205.4	5158.0	5139.0	5139.0	5153.2	5139.0
12.5°	5200.7	5191.2	5200.7	5191.2	5191.2	5181.6	5134.2	5115.3	5119.9	5124.7	5105.7
15°	5162.7	5148.5	5162.7	5153.2	5158.0	5143.7	5091.5	5072.6	5072.6	5082.0	5048.8
17.5°	5105.7	5086.8	5105.7	5101.0	5096.3	5086.8	5039.3	5020.3	5015.6	5020.3	4996.7
20°	5039.3	5025.1	5039.3	5034.6	5034.6	5015.6	4968.1	4944.4	4944.4	4944.4	4920.7
22.5°	4935.0	4920.7	4935.0	4944.4	4944.4	4939.6	4896.9	4863.7	4854.3	4854.3	4825.8
25°	4816.3	4802.1	4816.3	4816.3	4811.6	4816.3	4802.1	4783.1	4768.9	4754.7	4726.2
27.5°	4702.4	4693.0	4702.4	4693.0	4702.4	4688.2	4683.4	4678.7	4659.7	4645.5	4607.5
30°	4588.6	4579.0	4588.6	4579.0	4569.6	4560.1	4536.3	4526.9	4545.8	4536.3	4474.6
32.5°	4446.2	4436.7	4446.2	4446.2	4436.7	4436.7	4398.7	4384.5	4389.3	4417.7	4360.8
35°	4299.1	4284.9	4299.1	4294.3	4299.1	4284.9	4261.1	4256.4	4237.4	4270.6	4227.9
37.5°	4128.2	4114.0	4128.2	4128.2	4128.2	4137.8	4118.8	4104.6	4076.1	4118.8	4085.6
40°	3952.7	3933.7	3952.7	3947.9	3952.7	3962.2	3952.7	3943.2	3914.7	3947.9	3919.5
42.5°	3753.4	3748.6	3753.4	3758.2	3758.2	3777.1	3791.4	3772.4	3762.8	3739.2	3758.2
45°	3539.8	3530.4	3539.8	3549.4	3554.1	3563.6	3606.3	3606.3	3592.1	3554.1	3582.5
47.5°	3312.1	3288.4	3312.1	3340.5	3340.5	3354.8	3397.5	3430.7	3407.0	3359.5	3373.8
50°	3070.1	3074.8	3070.1	3089.1	3089.1	3141.3	3174.4	3207.7	3231.5	3174.4	3108.1
52.5°	2832.8	2828.1	2832.8	2847.1	2866.1	2889.7	2946.8	2979.9	3017.9	2984.7	2880.3
55°	2595.6	2605.1	2595.6	2600.4	2609.8	2624.1	2709.4	2742.7	2813.8	2771.1	2662.0
57.5°	2358.4	2344.1	2358.4	2367.8	2372.6	2386.8	2458.0	2519.7	2562.4	2567.1	2434.3
60°	2083.1	2064.1	2083.1	2125.8	2135.3	2144.8	2211.2	2268.2	2306.1	2320.4	2182.7
62.5°	1841.1	1807.9	1841.1	1869.6	1888.6	1912.3	1959.7	2045.1	2078.3	2083.1	1888.6
65°	1584.9	1570.7	1584.9	1641.8	1646.6	1675.0	1727.2	1788.9	1860.1	1850.6	1570.7
67.5°	1352.3	1352.3	1352.3	1390.3	1418.8	1433.0	1499.5	1528.0	1618.1	1627.6	1309.6
70°	1138.8	1134.1	1138.8	1167.3	1186.2	1219.5	1281.2	1314.4	1385.6	1409.3	1062.9
72.5°	934.8	930.0	934.8	958.5	977.5	1005.9	1058.2	1096.1	1157.8	1186.2	825.6
75°	754.5	745.0	754.5	773.5	768.7	806.7	849.4	887.3	944.2	963.2	612.1
77.5°	578.9	578.9	578.9	597.9	597.9	635.9	654.9	702.2	735.5	763.9	450.8
80°	431.8	427.1	431.8	436.5	436.5	455.6	488.8	521.9	550.4	550.4	308.5
82.5°	303.7	294.2	303.7	303.7	303.7	313.2	332.2	341.6	360.6	374.9	194.5
85°	189.8	189.8	189.8	194.5	189.8	199.3	204.0	213.5	213.5	204.0	118.6
87.5°	123.4	118.6	123.4	118.6	118.6	113.8	113.8	113.8	109.2	104.4	66.5
90°	10.7	10.7	10.7	10.7	10.7	14.2	19.0	21.3	18.3	12.3	7.9
92.5°	42.8	34.3	42.8	51.2	53.4	75.6	105.3	120.2	105.5	76.2	54.2
95°	149.0	123.3	149.0	174.7	181.1	237.9	313.5	351.4	296.8	187.5	105.6
97.5°	357.1	308.1	357.1	405.9	418.2	454.1	501.8	525.8	434.7	252.6	116.0
100°	514.5	456.1	514.5	572.7	587.3	584.7	581.2	579.4	478.4	276.3	124.7
102.5°	669.2	619.2	669.2	719.1	731.6	685.9	625.0	594.6	492.1	287.1	133.4
105°	866.6	839.7	866.6	893.4	900.1	797.7	661.1	592.9	493.6	295.2	146.3
107.5°	995.9	1002.4	995.9	989.4	987.8	844.9	654.4	559.1	471.7	296.7	165.4
110°	1045.2	1073.1	1045.2	1017.2	1010.2	850.5	637.6	531.1	452.2	294.4	176.1



TEST NUMBER: P934129

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1049.6	1092.5	1049.6	1006.7	995.9	832.4	614.6	505.6	435.2	294.5	189.0
115°	1021.7	1081.3	1021.7	962.2	947.3	789.8	579.9	474.9	415.7	297.2	208.4
117.5°	962.7	1028.7	962.7	896.8	880.2	738.1	548.7	453.9	403.5	302.8	227.2
120°	915.2	979.3	915.2	851.0	835.0	705.1	531.9	445.4	399.3	307.2	238.2
122.5°	868.9	932.2	868.9	805.5	789.7	672.8	516.9	438.9	397.2	313.7	251.1
125°	802.7	861.1	802.7	744.5	729.9	630.6	498.1	431.9	395.5	322.5	267.7
127.5°	743.4	792.5	743.4	694.2	681.9	596.6	482.9	426.0	394.4	331.2	283.7
130°	708.4	753.8	708.4	663.0	651.6	575.7	474.5	423.8	395.0	337.5	294.3
132.5°	676.6	717.3	676.6	636.0	625.8	557.8	467.2	421.8	395.5	342.7	303.0
135°	633.1	668.1	633.1	598.0	589.2	532.3	456.4	418.5	395.1	348.3	313.1
137.5°	598.1	626.9	598.1	569.4	562.2	514.1	450.0	417.9	397.5	356.7	326.0
140°	574.2	601.0	574.2	547.4	540.6	499.0	443.6	415.9	397.9	361.8	334.8
142.5°	554.4	577.5	554.4	531.3	525.5	488.9	440.2	415.9	399.3	366.1	341.3
145°	524.6	542.0	524.6	507.1	502.7	472.9	433.0	413.1	399.3	371.7	351.1
147.5°	501.8	516.2	501.8	487.3	483.6	460.2	428.8	413.1	402.1	380.0	363.4
150°	487.4	499.0	487.4	475.6	472.7	452.9	426.4	413.1	403.5	384.3	369.9
152.5°	475.0	483.9	475.0	466.2	464.0	447.1	424.4	413.1	404.4	387.1	374.1
155°	460.9	466.8	460.9	455.1	453.6	440.2	422.1	413.1	406.5	393.2	383.3
157.5°	449.8	453.9	449.8	445.6	444.5	434.1	420.2	413.1	408.6	399.5	392.7
160°	443.1	445.4	443.1	440.6	440.1	431.1	419.1	413.1	409.5	402.3	396.9
162.5°	438.7	440.9	438.7	436.4	435.9	428.3	418.2	413.1	410.5	405.3	401.4
165°	432.4	434.7	432.4	430.0	429.4	424.0	416.8	413.1	411.9	409.6	407.8
167.5°	427.8	428.8	427.8	426.9	426.6	423.0	418.3	415.9	414.9	413.0	411.5
170°	426.6	426.6	426.6	426.6	426.6	423.0	418.3	415.9	415.9	415.8	415.7
172.5°	423.2	422.4	423.2	424.2	424.4	421.6	417.8	415.9	415.9	415.9	415.9
175°	421.3	421.3	421.3	421.3	421.3	419.5	417.2	415.9	416.5	417.6	418.5
177.5°	419.5	418.5	419.5	420.4	420.7	419.3	417.4	416.5	417.0	417.8	418.5
180°	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5



TEST NUMBER: P934129

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6
2.5°	5086.8	5058.3	5058.3	5010.9	4991.9	4977.7	4953.9	4882.7	4863.7	4844.8	4873.3
5°	5129.5	5077.3	5039.3	4953.9	4882.7	4854.3	4764.1	4593.2	4479.4	4394.0	4346.6
7.5°	5139.0	5072.6	5001.3	4868.5	4697.6	4621.7	4346.6	4033.3	3947.9	3872.0	3824.5
10°	5129.5	5053.6	4953.9	4754.7	4351.2	4218.4	3943.2	3739.2	3686.9	3672.7	3686.9
12.5°	5096.3	5025.1	4887.5	4555.3	3990.6	3900.5	3739.2	3620.5	3611.0	3634.8	3762.8
15°	5039.3	4972.9	4811.6	4289.6	3791.4	3724.9	3611.0	3568.3	3620.5	3786.6	4170.9
17.5°	4982.4	4906.5	4707.2	4028.6	3639.6	3592.1	3511.4	3596.8	3891.0	4114.0	4242.2
20°	4906.5	4816.3	4588.6	3838.8	3530.4	3487.7	3449.7	3834.1	4057.1	4137.8	4208.9
22.5°	4816.3	4721.4	4427.2	3705.9	3416.5	3383.3	3407.0	3966.9	4057.1	4114.0	4175.7
25°	4697.6	4617.0	4237.4	3601.5	3326.3	3288.4	3378.5	3952.7	4004.8	4019.1	4142.5
27.5°	4588.6	4484.2	4038.1	3506.6	3217.2	3203.0	3402.2	3891.0	3928.9	3943.2	4076.1
30°	4455.7	4299.1	3815.1	3407.0	3103.3	3098.6	3407.0	3815.1	3805.6	3843.5	3976.4
32.5°	4318.1	4023.9	3563.6	3283.6	2994.1	2989.5	3373.8	3701.2	3691.7	3743.9	3843.5
35°	4189.9	3810.3	3221.9	3141.3	2856.6	2861.3	3293.2	3568.3	3573.1	3620.5	3682.2
37.5°	4057.1	3625.3	2847.1	2984.7	2723.7	2723.7	3184.0	3445.0	3435.5	3449.7	3535.2
40°	3900.5	3335.8	2514.9	2780.7	2600.4	2586.1	3051.2	3312.1	3278.9	3274.2	3392.8
42.5°	3734.4	3017.9	2268.2	2510.2	2458.0	2439.0	2889.7	3150.8	3089.1	3103.3	3255.1
45°	3554.1	2932.5	2078.3	2121.0	2310.9	2296.7	2714.2	2965.7	2923.0	2961.0	3117.5
47.5°	3373.8	2761.7	2016.7	1760.4	2154.3	2149.5	2519.7	2785.4	2761.7	2799.6	2965.7
50°	3127.1	2571.8	2012.0	1509.0	1978.7	1997.7	2287.1	2609.8	2609.8	2643.1	2818.6
52.5°	2809.1	2339.4	1826.9	1366.6	1774.6	1831.6	2083.1	2458.0	2467.4	2500.7	2657.3
55°	2519.7	2097.4	1694.0	1257.5	1532.6	1656.0	1883.8	2301.3	2320.4	2353.6	2495.9
57.5°	2254.0	1746.2	1665.6	1129.3	1309.6	1428.3	1708.3	2149.5	2159.1	2187.5	2325.1
60°	1969.2	1262.2	1528.0	991.7	1115.1	1205.3	1546.9	1969.2	2002.4	2021.4	2140.0
62.5°	1646.6	915.8	1385.6	896.9	1020.2	1039.2	1414.0	1798.4	1841.1	1855.3	1926.5
65°	1172.0	768.7	1176.8	816.2	920.6	925.3	1271.7	1622.8	1660.8	1684.5	1736.7
67.5°	792.4	626.3	896.9	740.2	844.6	849.4	1134.1	1418.8	1470.9	1490.0	1523.2
70°	550.4	417.5	664.3	659.5	759.3	768.7	987.0	1233.7	1281.2	1295.4	1314.4
72.5°	403.3	336.9	550.4	593.2	669.1	678.6	835.2	1024.9	1072.4	1086.6	1096.1
75°	308.5	355.8	446.0	517.2	569.4	574.2	683.3	835.2	868.3	877.9	882.5
77.5°	246.8	332.2	327.4	417.5	465.0	455.6	536.2	645.3	673.8	673.8	673.8
80°	185.1	261.0	246.8	298.9	341.6	332.2	384.4	460.2	469.8	479.2	474.6
82.5°	137.6	166.1	166.1	189.8	227.8	218.3	256.2	298.9	298.9	298.9	308.5
85°	85.4	94.9	75.9	99.6	128.1	123.4	142.4	161.3	166.1	166.1	156.6
87.5°	52.2	42.7	23.7	37.9	56.9	56.9	66.5	71.1	66.5	66.5	66.5
90°	7.3	5.0	2.8	5.0	7.3	7.9	12.3	18.3	21.3	19.0	14.2
92.5°	49.4	30.3	11.2	30.3	49.4	54.2	76.2	105.5	120.2	105.3	75.6
95°	96.8	61.9	26.9	61.9	96.8	105.6	187.5	296.8	351.4	313.5	237.9
97.5°	108.3	77.5	46.6	77.5	108.3	116.0	252.6	434.7	525.8	501.8	454.1
100°	117.7	89.7	61.8	89.7	117.7	124.7	276.3	478.4	579.4	581.2	584.7
102.5°	126.8	100.8	74.7	100.8	126.8	133.4	287.1	492.1	594.6	625.0	685.9
105°	140.8	118.7	96.6	118.7	140.8	146.3	295.2	493.6	592.9	661.1	797.7
107.5°	160.3	139.6	119.1	139.6	160.3	165.4	296.7	471.7	559.1	654.4	844.9
110°	171.4	152.8	134.2	152.8	171.4	176.1	294.4	452.2	531.1	637.6	850.5



TEST NUMBER: P934129

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	184.6	166.8	149.2	166.8	184.6	189.0	294.5	435.2	505.6	614.6	832.4
115°	204.3	188.0	171.6	188.0	204.3	208.4	297.2	415.7	474.9	579.9	789.8
117.5°	223.5	208.6	193.8	208.6	223.5	227.2	302.8	403.5	453.9	548.7	738.1
120°	234.7	220.7	206.7	220.7	234.7	238.2	307.2	399.3	445.4	531.9	705.1
122.5°	247.5	233.5	219.4	233.5	247.5	251.1	313.7	397.2	438.9	516.9	672.8
125°	264.5	251.6	238.7	251.6	264.5	267.7	322.5	395.5	431.9	498.1	630.6
127.5°	280.4	267.4	254.4	267.4	280.4	283.7	331.2	394.4	426.0	482.9	596.6
130°	290.9	276.9	262.8	276.9	290.9	294.3	337.5	395.0	423.8	474.5	575.7
132.5°	299.6	285.6	271.6	285.6	299.6	303.0	342.7	395.5	421.8	467.2	557.8
135°	309.9	297.2	284.5	297.2	309.9	313.1	348.3	395.1	418.5	456.4	532.3
137.5°	322.8	310.3	297.7	310.3	322.8	326.0	356.7	397.5	417.9	450.0	514.1
140°	331.9	320.2	308.6	320.2	331.9	334.8	361.8	397.9	415.9	443.6	499.0
142.5°	338.6	327.8	317.1	327.8	338.6	341.3	366.1	399.3	415.9	440.2	488.9
145°	348.7	339.4	330.0	339.4	348.7	351.1	371.7	399.3	413.1	433.0	472.9
147.5°	361.2	352.0	342.9	352.0	361.2	363.4	380.0	402.1	413.1	428.8	460.2
150°	367.8	359.6	351.4	359.6	367.8	369.9	384.3	403.5	413.1	426.4	452.9
152.5°	372.5	366.3	360.0	366.3	372.5	374.1	387.1	404.4	413.1	424.4	447.1
155°	382.2	377.5	372.9	377.5	382.2	383.3	393.2	406.5	413.1	422.1	440.2
157.5°	391.5	387.0	382.5	387.0	391.5	392.7	399.5	408.6	413.1	420.2	434.1
160°	396.0	392.5	389.0	392.5	396.0	396.9	402.3	409.5	413.1	419.1	431.1
162.5°	400.7	398.1	395.5	398.1	400.7	401.4	405.3	410.5	413.1	418.2	428.3
165°	407.3	404.8	402.5	404.8	407.3	407.8	409.6	411.9	413.1	416.8	424.0
167.5°	411.2	410.1	408.9	410.1	411.2	411.5	413.0	414.9	415.9	418.3	423.0
170°	415.4	414.3	413.1	414.3	415.4	415.7	415.8	415.9	415.9	418.3	423.0
172.5°	415.9	415.7	415.4	415.7	415.9	415.9	415.9	415.9	415.9	417.8	421.6
175°	418.5	418.5	418.5	418.5	418.5	418.5	417.6	416.5	415.9	417.2	419.5
177.5°	418.5	418.5	418.5	418.5	418.5	418.5	417.8	417.0	416.5	417.4	419.3
180°	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5



TEST NUMBER: P934129

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6	5015.6
2.5°	4840.0	4825.8	4844.8	4792.6	4844.8	4825.8	4840.0	4873.3	4844.8	4863.7	4882.7
5°	4246.9	4223.2	4147.2	4085.6	4147.2	4223.2	4246.9	4346.6	4394.0	4479.4	4593.2
7.5°	3796.1	3777.1	3758.2	3720.2	3758.2	3777.1	3796.1	3824.5	3872.0	3947.9	4033.3
10°	3696.5	3701.2	3729.7	3724.9	3729.7	3701.2	3696.5	3686.9	3672.7	3686.9	3739.2
12.5°	3952.7	3995.4	4152.0	4142.5	4152.0	3995.4	3952.7	3762.8	3634.8	3611.0	3620.5
15°	4246.9	4261.1	4294.3	4299.1	4294.3	4261.1	4246.9	4170.9	3786.6	3620.5	3568.3
17.5°	4275.3	4280.1	4303.9	4303.9	4303.9	4280.1	4275.3	4242.2	4114.0	3891.0	3596.8
20°	4251.6	4261.1	4308.6	4318.1	4308.6	4261.1	4251.6	4208.9	4137.8	4057.1	3834.1
22.5°	4242.2	4261.1	4299.1	4294.3	4299.1	4261.1	4242.2	4175.7	4114.0	4057.1	3966.9
25°	4194.7	4194.7	4199.4	4204.2	4199.4	4194.7	4194.7	4142.5	4019.1	4004.8	3952.7
27.5°	4095.0	4104.6	4133.0	4128.2	4133.0	4104.6	4095.0	4076.1	3943.2	3928.9	3891.0
30°	4004.8	3995.4	3971.7	3952.7	3971.7	3995.4	4004.8	3976.4	3843.5	3805.6	3815.1
32.5°	3853.0	3829.3	3805.6	3791.4	3805.6	3829.3	3853.0	3843.5	3743.9	3691.7	3701.2
35°	3672.7	3677.5	3672.7	3658.5	3672.7	3677.5	3672.7	3682.2	3620.5	3573.1	3568.3
37.5°	3544.6	3554.1	3549.4	3530.4	3549.4	3554.1	3544.6	3535.2	3449.7	3435.5	3445.0
40°	3411.8	3416.5	3411.8	3397.5	3411.8	3416.5	3411.8	3392.8	3274.2	3278.9	3312.1
42.5°	3283.6	3278.9	3264.6	3255.1	3264.6	3278.9	3283.6	3255.1	3103.3	3089.1	3150.8
45°	3136.5	3141.3	3112.8	3098.6	3112.8	3141.3	3136.5	3117.5	2961.0	2923.0	2965.7
47.5°	2989.5	2989.5	2965.7	2951.4	2965.7	2989.5	2989.5	2965.7	2799.6	2761.7	2785.4
50°	2832.8	2828.1	2794.9	2790.1	2794.9	2828.1	2832.8	2818.6	2643.1	2609.8	2609.8
52.5°	2652.5	2652.5	2657.3	2666.7	2657.3	2652.5	2652.5	2657.3	2500.7	2467.4	2458.0
55°	2495.9	2500.7	2533.9	2543.4	2533.9	2500.7	2495.9	2495.9	2353.6	2320.4	2301.3
57.5°	2334.6	2334.6	2358.4	2358.4	2358.4	2334.6	2334.6	2325.1	2187.5	2159.1	2149.5
60°	2149.5	2159.1	2178.1	2173.3	2178.1	2159.1	2149.5	2140.0	2021.4	2002.4	1969.2
62.5°	1955.0	1964.5	1969.2	1959.7	1969.2	1964.5	1955.0	1926.5	1855.3	1841.1	1798.4
65°	1751.0	1760.4	1765.2	1755.7	1765.2	1760.4	1751.0	1736.7	1684.5	1660.8	1622.8
67.5°	1542.2	1537.4	1532.6	1551.6	1532.6	1537.4	1542.2	1523.2	1490.0	1470.9	1418.8
70°	1328.6	1328.6	1323.9	1333.4	1323.9	1328.6	1328.6	1314.4	1295.4	1281.2	1233.7
72.5°	1100.9	1096.1	1115.1	1100.9	1115.1	1096.1	1100.9	1096.1	1086.6	1072.4	1024.9
75°	877.9	887.3	877.9	892.1	877.9	887.3	877.9	882.5	877.9	868.3	835.2
77.5°	669.1	678.6	669.1	669.1	669.1	678.6	669.1	673.8	673.8	673.8	645.3
80°	474.6	469.8	469.8	465.0	469.8	469.8	474.6	474.6	479.2	469.8	460.2
82.5°	303.7	298.9	298.9	308.5	298.9	298.9	303.7	308.5	298.9	298.9	298.9
85°	166.1	170.9	161.3	161.3	161.3	170.9	166.1	156.6	166.1	166.1	161.3
87.5°	61.7	56.9	56.9	56.9	56.9	56.9	61.7	66.5	66.5	66.5	71.1
90°	10.7	10.7	10.7	10.7	10.7	10.7	10.7	14.2	19.0	21.3	18.3
92.5°	53.4	51.2	42.8	34.3	42.8	51.2	53.4	75.6	105.3	120.2	105.5
95°	181.1	174.7	149.0	123.3	149.0	174.7	181.1	237.9	313.5	351.4	296.8
97.5°	418.2	405.9	357.1	308.1	357.1	405.9	418.2	454.1	501.8	525.8	434.7
100°	587.3	572.7	514.5	456.1	514.5	572.7	587.3	584.7	581.2	579.4	478.4
102.5°	731.6	719.1	669.2	619.2	669.2	719.1	731.6	685.9	625.0	594.6	492.1
105°	900.1	893.4	866.6	839.7	866.6	893.4	900.1	797.7	661.1	592.9	493.6
107.5°	987.8	989.4	995.9	1002.4	995.9	989.4	987.8	844.9	654.4	559.1	471.7
110°	1010.2	1017.2	1045.2	1073.1	1045.2	1017.2	1010.2	850.5	637.6	531.1	452.2



TEST NUMBER: P934129

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	995.9	1006.7	1049.6	1092.5	1049.6	1006.7	995.9	832.4	614.6	505.6	435.2
115°	947.3	962.2	1021.7	1081.3	1021.7	962.2	947.3	789.8	579.9	474.9	415.7
117.5°	880.2	896.8	962.7	1028.7	962.7	896.8	880.2	738.1	548.7	453.9	403.5
120°	835.0	851.0	915.2	979.3	915.2	851.0	835.0	705.1	531.9	445.4	399.3
122.5°	789.7	805.5	868.9	932.2	868.9	805.5	789.7	672.8	516.9	438.9	397.2
125°	729.9	744.5	802.7	861.1	802.7	744.5	729.9	630.6	498.1	431.9	395.5
127.5°	681.9	694.2	743.4	792.5	743.4	694.2	681.9	596.6	482.9	426.0	394.4
130°	651.6	663.0	708.4	753.8	708.4	663.0	651.6	575.7	474.5	423.8	395.0
132.5°	625.8	636.0	676.6	717.3	676.6	636.0	625.8	557.8	467.2	421.8	395.5
135°	589.2	598.0	633.1	668.1	633.1	598.0	589.2	532.3	456.4	418.5	395.1
137.5°	562.2	569.4	598.1	626.9	598.1	569.4	562.2	514.1	450.0	417.9	397.5
140°	540.6	547.4	574.2	601.0	574.2	547.4	540.6	499.0	443.6	415.9	397.9
142.5°	525.5	531.3	554.4	577.5	554.4	531.3	525.5	488.9	440.2	415.9	399.3
145°	502.7	507.1	524.6	542.0	524.6	507.1	502.7	472.9	433.0	413.1	399.3
147.5°	483.6	487.3	501.8	516.2	501.8	487.3	483.6	460.2	428.8	413.1	402.1
150°	472.7	475.6	487.4	499.0	487.4	475.6	472.7	452.9	426.4	413.1	403.5
152.5°	464.0	466.2	475.0	483.9	475.0	466.2	464.0	447.1	424.4	413.1	404.4
155°	453.6	455.1	460.9	466.8	460.9	455.1	453.6	440.2	422.1	413.1	406.5
157.5°	444.5	445.6	449.8	453.9	449.8	445.6	444.5	434.1	420.2	413.1	408.6
160°	440.1	440.6	443.1	445.4	443.1	440.6	440.1	431.1	419.1	413.1	409.5
162.5°	435.9	436.4	438.7	440.9	438.7	436.4	435.9	428.3	418.2	413.1	410.5
165°	429.4	430.0	432.4	434.7	432.4	430.0	429.4	424.0	416.8	413.1	411.9
167.5°	426.6	426.9	427.8	428.8	427.8	426.9	426.6	423.0	418.3	415.9	414.9
170°	426.6	426.6	426.6	426.6	426.6	426.6	426.6	423.0	418.3	415.9	415.9
172.5°	424.4	424.2	423.2	422.4	423.2	424.2	424.4	421.6	417.8	415.9	415.9
175°	421.3	421.3	421.3	421.3	421.3	421.3	421.3	419.5	417.2	415.9	416.5
177.5°	420.7	420.4	419.5	418.5	419.5	420.4	420.7	419.3	417.4	416.5	417.0
180°	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5	418.5



TEST NUMBER: P934129

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	5015.6	5015.6	5015.6	5015.6	5015.6
2.5°	4953.9	4977.7	4991.9	5010.9	5058.3
5°	4764.1	4854.3	4882.7	4953.9	5039.3
7.5°	4346.6	4621.7	4697.6	4868.5	5001.3
10°	3943.2	4218.4	4351.2	4754.7	4953.9
12.5°	3739.2	3900.5	3990.6	4555.3	4887.5
15°	3611.0	3724.9	3791.4	4289.6	4811.6
17.5°	3511.4	3592.1	3639.6	4028.6	4707.2
20°	3449.7	3487.7	3530.4	3838.8	4588.6
22.5°	3407.0	3383.3	3416.5	3705.9	4427.2
25°	3378.5	3288.4	3326.3	3601.5	4237.4
27.5°	3402.2	3203.0	3217.2	3506.6	4038.1
30°	3407.0	3098.6	3103.3	3407.0	3815.1
32.5°	3373.8	2989.5	2994.1	3283.6	3563.6
35°	3293.2	2861.3	2856.6	3141.3	3221.9
37.5°	3184.0	2723.7	2723.7	2984.7	2847.1
40°	3051.2	2586.1	2600.4	2780.7	2514.9
42.5°	2889.7	2439.0	2458.0	2510.2	2268.2
45°	2714.2	2296.7	2310.9	2121.0	2078.3
47.5°	2519.7	2149.5	2154.3	1760.4	2016.7
50°	2287.1	1997.7	1978.7	1509.0	2012.0
52.5°	2083.1	1831.6	1774.6	1366.6	1826.9
55°	1883.8	1656.0	1532.6	1257.5	1694.0
57.5°	1708.3	1428.3	1309.6	1129.3	1665.6
60°	1546.9	1205.3	1115.1	991.7	1528.0
62.5°	1414.0	1039.2	1020.2	896.9	1385.6
65°	1271.7	925.3	920.6	816.2	1176.8
67.5°	1134.1	849.4	844.6	740.2	896.9
70°	987.0	768.7	759.3	659.5	664.3
72.5°	835.2	678.6	669.1	593.2	550.4
75°	683.3	574.2	569.4	517.2	446.0
77.5°	536.2	455.6	465.0	417.5	327.4
80°	384.4	332.2	341.6	298.9	246.8
82.5°	256.2	218.3	227.8	189.8	166.1
85°	142.4	123.4	128.1	99.6	75.9
87.5°	66.5	56.9	56.9	37.9	23.7
90°	12.3	7.9	7.3	5.0	2.8
92.5°	76.2	54.2	49.4	30.3	11.2
95°	187.5	105.6	96.8	61.9	26.9
97.5°	252.6	116.0	108.3	77.5	46.6
100°	276.3	124.7	117.7	89.7	61.8
102.5°	287.1	133.4	126.8	100.8	74.7
105°	295.2	146.3	140.8	118.7	96.6
107.5°	296.7	165.4	160.3	139.6	119.1
110°	294.4	176.1	171.4	152.8	134.2



TEST NUMBER: P934129

CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-W-12-5000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	294.5	189.0	184.6	166.8	149.2
115°	297.2	208.4	204.3	188.0	171.6
117.5°	302.8	227.2	223.5	208.6	193.8
120°	307.2	238.2	234.7	220.7	206.7
122.5°	313.7	251.1	247.5	233.5	219.4
125°	322.5	267.7	264.5	251.6	238.7
127.5°	331.2	283.7	280.4	267.4	254.4
130°	337.5	294.3	290.9	276.9	262.8
132.5°	342.7	303.0	299.6	285.6	271.6
135°	348.3	313.1	309.9	297.2	284.5
137.5°	356.7	326.0	322.8	310.3	297.7
140°	361.8	334.8	331.9	320.2	308.6
142.5°	366.1	341.3	338.6	327.8	317.1
145°	371.7	351.1	348.7	339.4	330.0
147.5°	380.0	363.4	361.2	352.0	342.9
150°	384.3	369.9	367.8	359.6	351.4
152.5°	387.1	374.1	372.5	366.3	360.0
155°	393.2	383.3	382.2	377.5	372.9
157.5°	399.5	392.7	391.5	387.0	382.5
160°	402.3	396.9	396.0	392.5	389.0
162.5°	405.3	401.4	400.7	398.1	395.5
165°	409.6	407.8	407.3	404.8	402.5
167.5°	413.0	411.5	411.2	410.1	408.9
170°	415.8	415.7	415.4	414.3	413.1
172.5°	415.9	415.9	415.9	415.7	415.4
175°	417.6	418.5	418.5	418.5	418.5
177.5°	417.8	418.5	418.5	418.5	418.5
180°	418.5	418.5	418.5	418.5	418.5



TEST NUMBER: P934129
 CATALOG NUMBER: SQ4-FA-025U-125D-92765-1D-UNV-STD-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	22.40
	3H	17.45	18.59	18.08	19.22	19.97	21.18	22.31	21.81	22.95	23.70
	4H	17.66	18.73	18.31	19.38	20.14	21.65	22.71	22.30	23.36	24.12
	6H	17.80	18.79	18.46	19.45	20.22	21.96	22.94	22.62	23.60	24.38
	8H	17.81	18.75	18.49	19.43	20.21	22.05	22.99	22.72	23.67	24.45
	12H	17.80	18.70	18.48	19.37	20.18	22.10	23.00	22.78	23.67	24.48
4H	2H	18.03	19.10	18.68	19.75	20.51	20.26	21.32	20.91	21.97	22.73
	3H	19.10	19.99	19.76	20.67	21.45	21.80	22.69	22.47	23.38	24.16
	4H	19.39	20.20	20.07	20.89	21.70	22.35	23.16	23.03	23.85	24.66
	6H	19.54	20.24	20.24	20.95	21.77	22.75	23.45	23.45	24.16	24.98
	8H	19.55	20.21	20.26	20.92	21.75	22.86	23.52	23.57	24.23	25.06
	12H	19.54	20.12	20.26	20.86	21.70	22.94	23.53	23.67	24.27	25.11
8H	4H	19.88	20.53	20.58	21.25	22.08	22.51	23.16	23.21	23.88	24.71
	6H	20.16	20.70	20.89	21.45	22.29	22.97	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	23.25	23.67	24.00	24.42	25.33
12H	4H	19.90	20.49	20.63	21.23	22.07	22.49	23.08	23.22	23.82	24.66
	6H	20.22	20.70	20.97	21.46	22.31	22.97	23.45	23.72	24.21	25.06
	8H	20.31	20.73	21.06	21.48	22.39	23.15	23.58	23.90	24.32	25.24