

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: P934154

Luminaire Tested: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-12-3500K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934154
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-93050-1D-UNV-STD-W-12-3500K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

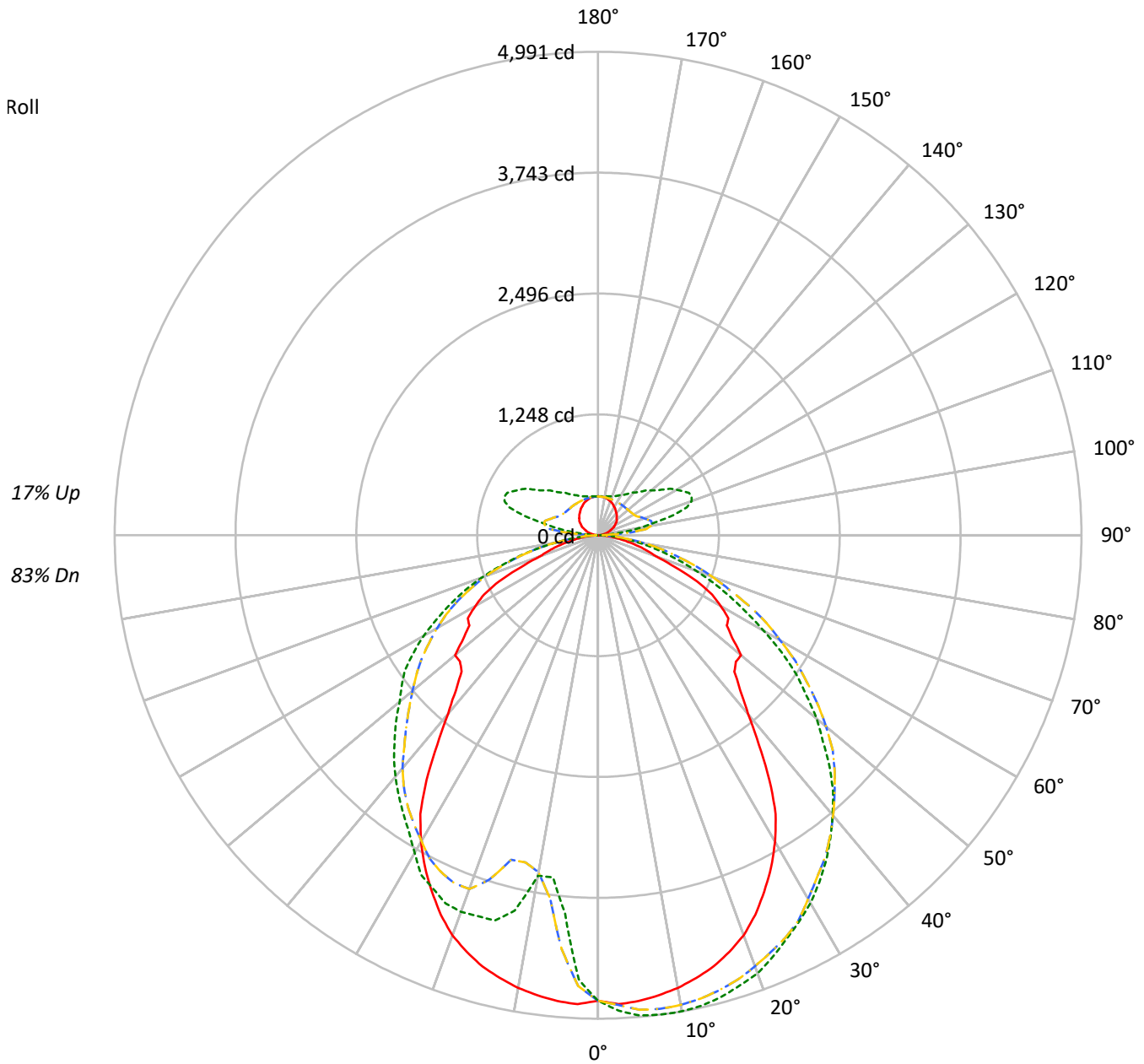
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 15056.4 lumens
Efficiency: N/A
Efficacy: 101.2 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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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°	14860	14860	14860	14860
5°	14976	15000	14976	11795
10°	14882	14776	14882	10564
15°	14725	14456	14725	12071
20°	14423	14077	14423	12096
25°	13798	13523	13798	11840
30°	12989	13064	12989	11277
35°	11585	12483	11585	10659
40°	9659	11800	9659	10191
45°	8636	10999	8636	9654
50°	9182	10044	9182	9114
55°	8647	9016	8647	8803
60°	8925	7657	8925	8062
65°	8105	6330	8105	7076
70°	5626	5045	5626	5931
75°	4951	3729	4951	4465
80°	4021	2465	4021	2684
85°	2356	1306	2356	1110

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 13228 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	433.7	2.9
10°-20°	1231.3	8.2
20°-30°	1903.4	12.6
30°-40°	2272.2	15.1
40°-50°	2285.5	15.2
50°-60°	1988.7	13.2
60°-70°	1410.0	9.4
70°-80°	746.0	5.0
80°-90°	187.3	1.2
90°-100°	195.4	1.3
100°-110°	513.7	3.4
110°-120°	532.6	3.5
120°-130°	427.2	2.8
130°-140°	335.2	2.2
140°-150°	257.3	1.7
150°-160°	185.3	1.2
160°-170°	113.4	0.8
170°-180°	38.3	0.3
0°-30°	3568.3	23.7
0°-40°	5840.5	38.8
0°-60°	10114.7	67.2
0°-90°	12458.0	82.7
90°-120°	1241.7	8.2
90°-150°	2261.5	15.0
90°-180°	2598.0	17.3
0°-180°	15056.4	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	4804	4804	4804	4804	4804	
5°	4827	4977	4827	3913	4827	458
15°	4609	4932	4609	4118	4609	1297
25°	4059	4600	4059	4027	4059	1864
35°	3086	4104	3086	3504	3086	1909
45°	1991	3382	1991	2968	1991	1595
55°	1623	2495	1623	2436	1623	1491
65°	1127	1504	1127	1682	1127	1077
75°	427	714	427	854	427	449
85°	73	182	73	154	73	98
90°	3	10	3	10	3	5
95°	26	118	26	118	26	29
105°	93	804	93	804	93	98
115°	164	1036	164	1036	164	162
125°	229	825	229	825	229	203
135°	272	640	272	640	272	211
145°	316	519	316	519	316	198
155°	357	447	357	447	357	164
165°	386	416	386	416	386	109
175°	401	404	401	404	401	38
180°	401	401	401	401	401	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2
2.5°	4845.2	4845.2	4872.4	4881.5	4881.5	4867.8	4854.2	4867.8	4908.7	4922.4	4917.9
5°	4826.9	4863.3	4913.3	4922.4	4931.5	4926.9	4917.9	4926.9	4972.4	4981.5	4986.0
7.5°	4790.5	4858.8	4922.4	4936.0	4949.6	4936.0	4931.5	4940.6	4986.0	4995.1	4995.1
10°	4745.2	4840.6	4913.3	4922.4	4936.0	4922.4	4922.4	4940.6	4986.0	4995.1	4999.7
12.5°	4681.5	4813.3	4881.5	4890.6	4908.7	4904.2	4899.7	4917.9	4963.3	4972.4	4972.4
15°	4608.8	4763.3	4826.9	4836.0	4867.8	4858.8	4858.8	4876.9	4926.9	4940.6	4936.0
17.5°	4508.8	4699.7	4772.4	4786.1	4808.7	4804.2	4808.7	4826.9	4872.4	4881.5	4886.0
20°	4395.2	4613.3	4699.7	4713.3	4736.0	4736.0	4736.0	4758.8	4804.2	4822.4	4822.4
22.5°	4240.6	4522.4	4613.3	4622.4	4649.7	4649.7	4658.8	4690.5	4731.5	4736.0	4736.0
25°	4058.8	4422.4	4499.7	4527.0	4554.3	4567.9	4581.5	4599.7	4613.3	4608.8	4613.3
27.5°	3867.9	4295.2	4395.2	4413.4	4449.7	4463.3	4481.5	4486.1	4490.6	4504.2	4495.2
30°	3654.3	4117.9	4267.9	4286.0	4345.1	4354.3	4336.1	4345.1	4367.9	4377.0	4386.0
32.5°	3413.4	3854.3	4136.1	4177.0	4231.5	4204.3	4199.7	4213.3	4249.7	4249.7	4258.8
35°	3086.1	3649.7	4013.3	4049.7	4090.6	4058.8	4077.0	4081.5	4104.3	4117.9	4113.3
37.5°	2727.1	3472.5	3886.1	3913.4	3945.2	3904.3	3931.6	3945.2	3963.4	3954.2	3954.2
40°	2408.9	3195.2	3736.1	3754.3	3781.5	3749.7	3777.1	3786.1	3795.2	3786.1	3781.5
42.5°	2172.6	2890.7	3577.0	3599.8	3581.6	3604.3	3613.4	3631.6	3618.0	3599.8	3599.8
45°	1990.7	2808.9	3404.3	3431.6	3404.3	3440.7	3454.3	3454.3	3413.4	3404.3	3399.8
47.5°	1931.7	2645.3	3231.6	3231.6	3217.9	3263.4	3286.2	3254.3	3213.5	3199.8	3199.8
50°	1927.2	2463.5	2995.3	2977.1	3040.7	3095.3	3072.5	3040.7	3008.9	2958.9	2958.9
52.5°	1749.9	2240.8	2690.7	2758.9	2858.9	2890.7	2854.3	2822.6	2767.9	2745.3	2727.1
55°	1622.6	2009.0	2413.5	2549.8	2654.3	2695.2	2627.1	2595.2	2513.5	2499.8	2490.8
57.5°	1595.4	1672.6	2159.0	2331.7	2458.9	2454.4	2413.5	2354.4	2286.2	2272.6	2268.0
60°	1463.6	1209.0	1886.2	2090.7	2222.6	2208.9	2172.6	2118.0	2054.4	2045.3	2036.2
62.5°	1327.2	877.2	1577.2	1809.0	1995.3	1990.7	1958.9	1877.1	1831.7	1809.0	1790.8
65°	1127.2	736.3	1122.6	1504.5	1772.6	1781.7	1713.5	1654.4	1604.4	1577.2	1572.6
67.5°	859.1	599.9	759.0	1254.4	1559.0	1549.9	1463.6	1436.3	1372.6	1359.0	1331.7
70°	636.3	399.9	527.2	1018.1	1349.9	1327.2	1259.0	1227.2	1168.1	1136.2	1118.1
72.5°	527.2	322.7	386.3	790.8	1136.2	1109.0	1049.9	1013.6	963.5	936.3	918.1
75°	427.2	340.8	295.5	586.3	922.6	904.4	849.9	813.6	772.7	736.3	740.9
77.5°	313.6	318.2	236.4	431.8	731.7	704.5	672.6	627.3	609.1	572.7	572.7
80°	236.4	250.0	177.3	295.5	527.2	527.2	499.9	468.2	436.4	418.1	418.1
82.5°	159.1	159.1	131.8	186.3	359.1	345.4	327.2	318.2	300.0	290.9	290.9
85°	72.7	90.9	81.8	113.6	195.4	204.5	204.5	195.4	190.9	181.8	186.3
87.5°	22.7	40.9	50.0	63.7	100.0	104.6	109.0	109.0	109.0	113.6	113.6
90°	2.7	4.8	7.0	7.5	11.8	17.5	20.4	18.2	13.6	10.2	10.2
92.5°	10.7	29.0	47.4	51.9	73.0	101.1	115.1	100.9	72.4	51.1	49.1
95°	25.8	59.3	92.8	101.2	179.6	284.3	336.5	300.3	227.9	173.5	167.3
97.5°	44.7	74.2	103.8	111.1	241.9	416.4	503.6	480.7	434.9	400.6	388.8
100°	59.2	85.9	112.7	119.4	264.7	458.2	555.0	556.7	560.0	562.5	548.6
102.5°	71.5	96.5	121.5	127.8	275.0	471.4	569.5	598.7	657.0	700.8	688.8
105°	92.6	113.7	134.8	140.1	282.7	472.8	567.9	633.3	764.1	862.2	855.7
107.5°	114.1	133.8	153.5	158.5	284.2	451.8	535.6	626.8	809.3	946.2	947.7
110°	128.6	146.4	164.2	168.7	282.0	433.2	508.7	610.7	814.6	967.7	974.4



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	142.9	159.8	176.8	181.0	282.1	416.9	484.3	588.7	797.4	954.0	964.3
115°	164.4	180.0	195.7	199.7	284.7	398.1	454.9	555.5	756.5	907.4	921.6
117.5°	185.6	199.8	214.1	217.7	290.0	386.5	434.8	525.5	707.0	843.1	859.0
120°	198.0	211.4	224.8	228.1	294.3	382.5	426.6	509.5	675.4	799.8	815.2
122.5°	210.1	223.6	237.1	240.5	300.5	380.4	420.4	495.1	644.4	756.4	771.6
125°	228.7	241.0	253.4	256.4	308.9	378.8	413.7	477.1	604.0	699.1	713.1
127.5°	243.7	256.1	268.6	271.7	317.2	377.8	408.1	462.5	571.5	653.1	664.9
130°	251.8	265.2	278.6	281.9	323.3	378.4	405.9	454.5	551.4	624.1	635.0
132.5°	260.2	273.5	286.9	290.3	328.2	378.8	404.1	447.5	534.3	599.4	609.2
135°	272.5	284.7	296.9	299.9	333.6	378.4	400.8	437.2	509.9	564.4	572.8
137.5°	285.2	297.2	309.2	312.3	341.7	380.8	400.3	431.0	492.4	538.5	545.4
140°	295.6	306.7	317.9	320.7	346.6	381.1	398.4	424.9	478.0	517.8	524.3
142.5°	303.7	314.0	324.3	326.9	350.7	382.5	398.4	421.7	468.3	503.3	508.9
145°	316.1	325.1	334.0	336.3	356.1	382.5	395.7	414.8	452.9	481.5	485.7
147.5°	328.5	337.2	345.9	348.1	363.9	385.2	395.7	410.8	440.8	463.2	466.7
150°	336.5	344.4	352.3	354.3	368.1	386.5	395.7	408.4	433.8	452.8	455.5
152.5°	344.9	350.9	356.8	358.3	370.7	387.4	395.7	406.6	428.2	444.4	446.6
155°	357.2	361.6	366.1	367.2	376.7	389.4	395.7	404.3	421.6	434.5	435.9
157.5°	366.4	370.7	375.0	376.1	382.7	391.3	395.7	402.4	415.8	425.8	426.8
160°	372.6	375.9	379.3	380.1	385.3	392.2	395.7	401.5	412.9	421.5	422.1
162.5°	378.8	381.3	383.8	384.4	388.2	393.2	395.7	400.6	410.2	417.5	418.0
165°	385.5	387.8	390.1	390.6	392.3	394.6	395.7	399.2	406.1	411.3	411.8
167.5°	391.7	392.8	393.8	394.1	395.5	397.4	398.4	400.7	405.2	408.6	408.9
170°	395.7	396.8	397.9	398.1	398.2	398.3	398.4	400.7	405.2	408.6	408.6
172.5°	397.9	398.1	398.3	398.4	398.4	398.4	398.4	400.2	403.8	406.5	406.3
175°	400.8	400.8	400.8	400.8	400.0	399.0	398.4	399.6	401.8	403.5	403.5
177.5°	400.8	400.8	400.8	400.8	400.2	399.4	399.0	399.8	401.6	403.0	402.7
180°	400.8	400.8	400.8	400.8	400.8	400.8	400.8	400.8	400.8	400.8	400.8



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2
2.5°	4926.9	4913.3	4926.9	4917.9	4922.4	4908.7	4867.8	4854.2	4867.8	4881.5	4881.5
5°	4986.0	4976.9	4986.0	4986.0	4981.5	4972.4	4926.9	4917.9	4926.9	4931.5	4922.4
7.5°	5004.2	4990.6	5004.2	4995.1	4995.1	4986.0	4940.6	4931.5	4936.0	4949.6	4936.0
10°	5004.2	4990.6	5004.2	4999.7	4995.1	4986.0	4940.6	4922.4	4922.4	4936.0	4922.4
12.5°	4981.5	4972.4	4981.5	4972.4	4972.4	4963.3	4917.9	4899.7	4904.2	4908.7	4890.6
15°	4945.1	4931.5	4945.1	4936.0	4940.6	4926.9	4876.9	4858.8	4858.8	4867.8	4836.0
17.5°	4890.6	4872.4	4890.6	4886.0	4881.5	4872.4	4826.9	4808.7	4804.2	4808.7	4786.1
20°	4826.9	4813.3	4826.9	4822.4	4822.4	4804.2	4758.8	4736.0	4736.0	4736.0	4713.3
22.5°	4727.0	4713.3	4727.0	4736.0	4736.0	4731.5	4690.5	4658.8	4649.7	4649.7	4622.4
25°	4613.3	4599.7	4613.3	4613.3	4608.8	4613.3	4599.7	4581.5	4567.9	4554.3	4527.0
27.5°	4504.2	4495.2	4504.2	4495.2	4504.2	4490.6	4486.1	4481.5	4463.3	4449.7	4413.4
30°	4395.2	4386.0	4395.2	4386.0	4377.0	4367.9	4345.1	4336.1	4354.3	4345.1	4286.0
32.5°	4258.8	4249.7	4258.8	4258.8	4249.7	4249.7	4213.3	4199.7	4204.3	4231.5	4177.0
35°	4117.9	4104.3	4117.9	4113.3	4117.9	4104.3	4081.5	4077.0	4058.8	4090.6	4049.7
37.5°	3954.2	3940.6	3954.2	3954.2	3954.2	3963.4	3945.2	3931.6	3904.3	3945.2	3913.4
40°	3786.1	3767.9	3786.1	3781.5	3786.1	3795.2	3786.1	3777.1	3749.7	3781.5	3754.3
42.5°	3595.2	3590.6	3595.2	3599.8	3599.8	3618.0	3631.6	3613.4	3604.3	3581.6	3599.8
45°	3390.6	3381.6	3390.6	3399.8	3404.3	3413.4	3454.3	3454.3	3440.7	3404.3	3431.6
47.5°	3172.5	3149.8	3172.5	3199.8	3199.8	3213.5	3254.3	3286.2	3263.4	3217.9	3231.6
50°	2940.7	2945.2	2940.7	2958.9	2958.9	3008.9	3040.7	3072.5	3095.3	3040.7	2977.1
52.5°	2713.4	2708.9	2713.4	2727.1	2745.3	2767.9	2822.6	2854.3	2890.7	2858.9	2758.9
55°	2486.2	2495.3	2486.2	2490.8	2499.8	2513.5	2595.2	2627.1	2695.2	2654.3	2549.8
57.5°	2259.0	2245.3	2259.0	2268.0	2272.6	2286.2	2354.4	2413.5	2454.4	2458.9	2331.7
60°	1995.3	1977.1	1995.3	2036.2	2045.3	2054.4	2118.0	2172.6	2208.9	2222.6	2090.7
62.5°	1763.5	1731.7	1763.5	1790.8	1809.0	1831.7	1877.1	1958.9	1990.7	1995.3	1809.0
65°	1518.1	1504.5	1518.1	1572.6	1577.2	1604.4	1654.4	1713.5	1781.7	1772.6	1504.5
67.5°	1295.3	1295.3	1295.3	1331.7	1359.0	1372.6	1436.3	1463.6	1549.9	1559.0	1254.4
70°	1090.8	1086.3	1090.8	1118.1	1136.2	1168.1	1227.2	1259.0	1327.2	1349.9	1018.1
72.5°	895.4	890.8	895.4	918.1	936.3	963.5	1013.6	1049.9	1109.0	1136.2	790.8
75°	722.7	713.6	722.7	740.9	736.3	772.7	813.6	849.9	904.4	922.6	586.3
77.5°	554.5	554.5	554.5	572.7	572.7	609.1	627.3	672.6	704.5	731.7	431.8
80°	413.6	409.1	413.6	418.1	418.1	436.4	468.2	499.9	527.2	527.2	295.5
82.5°	290.9	281.8	290.9	290.9	290.9	300.0	318.2	327.2	345.4	359.1	186.3
85°	181.8	181.8	181.8	186.3	181.8	190.9	195.4	204.5	204.5	195.4	113.6
87.5°	118.2	113.6	118.2	113.6	113.6	109.0	109.0	109.0	104.6	100.0	63.7
90°	10.2	10.2	10.2	10.2	10.2	13.6	18.2	20.4	17.5	11.8	7.5
92.5°	41.0	32.9	41.0	49.1	51.1	72.4	100.9	115.1	101.1	73.0	51.9
95°	142.7	118.1	142.7	167.3	173.5	227.9	300.3	336.5	284.3	179.6	101.2
97.5°	342.0	295.1	342.0	388.8	400.6	434.9	480.7	503.6	416.4	241.9	111.1
100°	492.8	436.9	492.8	548.6	562.5	560.0	556.7	555.0	458.2	264.7	119.4
102.5°	641.0	593.1	641.0	688.8	700.8	657.0	598.7	569.5	471.4	275.0	127.8
105°	830.0	804.3	830.0	855.7	862.2	764.1	633.3	567.9	472.8	282.7	140.1
107.5°	954.0	960.1	954.0	947.7	946.2	809.3	626.8	535.6	451.8	284.2	158.5
110°	1001.1	1027.9	1001.1	974.4	967.7	814.6	610.7	508.7	433.2	282.0	168.7



TEST NUMBER: P934154

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1005.3	1046.4	1005.3	964.3	954.0	797.4	588.7	484.3	416.9	282.1	181.0
115°	978.7	1035.7	978.7	921.6	907.4	756.5	555.5	454.9	398.1	284.7	199.7
117.5°	922.2	985.4	922.2	859.0	843.1	707.0	525.5	434.8	386.5	290.0	217.7
120°	876.6	938.0	876.6	815.2	799.8	675.4	509.5	426.6	382.5	294.3	228.1
122.5°	832.3	892.9	832.3	771.6	756.4	644.4	495.1	420.4	380.4	300.5	240.5
125°	768.9	824.8	768.9	713.1	699.1	604.0	477.1	413.7	378.8	308.9	256.4
127.5°	712.0	759.1	712.0	664.9	653.1	571.5	462.5	408.1	377.8	317.2	271.7
130°	678.6	722.1	678.6	635.0	624.1	551.4	454.5	405.9	378.4	323.3	281.9
132.5°	648.1	687.1	648.1	609.2	599.4	534.3	447.5	404.1	378.8	328.2	290.3
135°	606.4	640.0	606.4	572.8	564.4	509.9	437.2	400.8	378.4	333.6	299.9
137.5°	572.9	600.5	572.9	545.4	538.5	492.4	431.0	400.3	380.8	341.7	312.3
140°	550.0	575.7	550.0	524.3	517.8	478.0	424.9	398.4	381.1	346.6	320.7
142.5°	531.0	553.1	531.0	508.9	503.3	468.3	421.7	398.4	382.5	350.7	326.9
145°	502.4	519.2	502.4	485.7	481.5	452.9	414.8	395.7	382.5	356.1	336.3
147.5°	480.6	494.5	480.6	466.7	463.2	440.8	410.8	395.7	385.2	363.9	348.1
150°	466.8	478.0	466.8	455.5	452.8	433.8	408.4	395.7	386.5	368.1	354.3
152.5°	455.0	463.5	455.0	446.6	444.4	428.2	406.6	395.7	387.4	370.7	358.3
155°	441.5	447.1	441.5	435.9	434.5	421.6	404.3	395.7	389.4	376.7	367.2
157.5°	430.8	434.8	430.8	426.8	425.8	415.8	402.4	395.7	391.3	382.7	376.1
160°	424.4	426.6	424.4	422.1	421.5	412.9	401.5	395.7	392.2	385.3	380.1
162.5°	420.2	422.3	420.2	418.0	417.5	410.2	400.6	395.7	393.2	388.2	384.4
165°	414.2	416.4	414.2	411.8	411.3	406.1	399.2	395.7	394.6	392.3	390.6
167.5°	409.8	410.8	409.8	408.9	408.6	405.2	400.7	398.4	397.4	395.5	394.1
170°	408.6	408.6	408.6	408.6	408.6	405.2	400.7	398.4	398.3	398.2	398.1
172.5°	405.4	404.6	405.4	406.3	406.5	403.8	400.2	398.4	398.4	398.4	398.4
175°	403.5	403.5	403.5	403.5	403.5	401.8	399.6	398.4	399.0	400.0	400.8
177.5°	401.8	400.8	401.8	402.7	403.0	401.6	399.8	399.0	399.4	400.2	400.8
180°	400.8	400.8	400.8	400.8	400.8	400.8	400.8	400.8	400.8	400.8	400.8



TEST NUMBER: P934154

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2
2.5°	4872.4	4845.2	4845.2	4799.7	4781.5	4767.9	4745.2	4676.9	4658.8	4640.6	4667.9
5°	4913.3	4863.3	4826.9	4745.2	4676.9	4649.7	4563.3	4399.7	4290.6	4208.8	4163.4
7.5°	4922.4	4858.8	4790.5	4663.3	4499.7	4427.0	4163.4	3863.4	3781.5	3708.8	3663.3
10°	4913.3	4840.6	4745.2	4554.3	4167.9	4040.6	3777.1	3581.6	3531.6	3517.9	3531.6
12.5°	4881.5	4813.3	4681.5	4363.3	3822.4	3736.1	3581.6	3467.9	3458.9	3481.6	3604.3
15°	4826.9	4763.3	4608.8	4108.8	3631.6	3567.9	3458.9	3417.9	3467.9	3627.0	3995.2
17.5°	4772.4	4699.7	4508.8	3858.8	3486.2	3440.7	3363.4	3445.3	3727.0	3940.6	4063.4
20°	4699.7	4613.3	4395.2	3677.0	3381.6	3340.7	3304.3	3672.5	3886.1	3963.4	4031.5
22.5°	4613.3	4522.4	4240.6	3549.7	3272.5	3240.7	3263.4	3799.7	3886.1	3940.6	3999.7
25°	4499.7	4422.4	4058.8	3449.7	3186.1	3149.8	3236.1	3786.1	3836.1	3849.8	3967.9
27.5°	4395.2	4295.2	3867.9	3358.9	3081.6	3068.0	3258.8	3727.0	3763.4	3777.1	3904.3
30°	4267.9	4117.9	3654.3	3263.4	2972.5	2968.0	3263.4	3654.3	3645.2	3681.5	3808.8
32.5°	4136.1	3854.3	3413.4	3145.2	2868.0	2863.5	3231.6	3545.2	3536.1	3586.1	3681.5
35°	4013.3	3649.7	3086.1	3008.9	2736.2	2740.7	3154.4	3417.9	3422.5	3467.9	3527.0
37.5°	3886.1	3472.5	2727.1	2858.9	2608.9	2608.9	3049.8	3299.8	3290.7	3304.3	3386.2
40°	3736.1	3195.2	2408.9	2663.5	2490.8	2477.1	2922.6	3172.5	3140.7	3136.2	3249.8
42.5°	3577.0	2890.7	2172.6	2404.4	2354.4	2336.2	2767.9	3018.0	2958.9	2972.5	3117.9
45°	3404.3	2808.9	1990.7	2031.6	2213.5	2199.9	2599.8	2840.7	2799.8	2836.2	2986.1
47.5°	3231.6	2645.3	1931.7	1686.2	2063.5	2058.9	2413.5	2668.0	2645.3	2681.6	2840.7
50°	2995.3	2463.5	1927.2	1445.4	1895.3	1913.5	2190.7	2499.8	2499.8	2531.7	2699.8
52.5°	2690.7	2240.8	1749.9	1309.0	1699.8	1754.5	1995.3	2354.4	2363.4	2395.3	2545.3
55°	2413.5	2009.0	1622.6	1204.5	1468.0	1586.2	1804.4	2204.3	2222.6	2254.4	2390.8
57.5°	2159.0	1672.6	1595.4	1081.7	1254.4	1368.1	1636.3	2058.9	2068.1	2095.3	2227.1
60°	1886.2	1209.0	1463.6	949.9	1068.1	1154.5	1481.7	1886.2	1918.0	1936.2	2049.8
62.5°	1577.2	877.2	1327.2	859.1	977.2	995.4	1354.4	1722.6	1763.5	1777.1	1845.3
65°	1122.6	736.3	1127.2	781.8	881.8	886.3	1218.1	1554.4	1590.8	1613.5	1663.5
67.5°	759.0	599.9	859.1	709.0	809.0	813.6	1086.3	1359.0	1409.0	1427.2	1459.0
70°	527.2	399.9	636.3	631.7	727.3	736.3	945.4	1181.7	1227.2	1240.8	1259.0
72.5°	386.3	322.7	527.2	568.2	640.9	650.0	800.0	981.7	1027.2	1040.8	1049.9
75°	295.5	340.8	427.2	495.4	545.4	550.0	654.5	800.0	831.7	840.9	845.4
77.5°	236.4	318.2	313.6	399.9	445.4	436.4	513.6	618.1	645.4	645.4	645.4
80°	177.3	250.0	236.4	286.3	327.2	318.2	368.2	440.9	450.0	459.0	454.5
82.5°	131.8	159.1	159.1	181.8	218.2	209.1	245.4	286.3	286.3	286.3	295.5
85°	81.8	90.9	72.7	95.4	122.7	118.2	136.4	154.5	159.1	159.1	150.0
87.5°	50.0	40.9	22.7	36.3	54.5	54.5	63.7	68.1	63.7	63.7	63.7
90°	7.0	4.8	2.7	4.8	7.0	7.5	11.8	17.5	20.4	18.2	13.6
92.5°	47.4	29.0	10.7	29.0	47.4	51.9	73.0	101.1	115.1	100.9	72.4
95°	92.8	59.3	25.8	59.3	92.8	101.2	179.6	284.3	336.5	300.3	227.9
97.5°	103.8	74.2	44.7	74.2	103.8	111.1	241.9	416.4	503.6	480.7	434.9
100°	112.7	85.9	59.2	85.9	112.7	119.4	264.7	458.2	555.0	556.7	560.0
102.5°	121.5	96.5	71.5	96.5	121.5	127.8	275.0	471.4	569.5	598.7	657.0
105°	134.8	113.7	92.6	113.7	134.8	140.1	282.7	472.8	567.9	633.3	764.1
107.5°	153.5	133.8	114.1	133.8	153.5	158.5	284.2	451.8	535.6	626.8	809.3
110°	164.2	146.4	128.6	146.4	164.2	168.7	282.0	433.2	508.7	610.7	814.6



TEST NUMBER: P934154

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	176.8	159.8	142.9	159.8	176.8	181.0	282.1	416.9	484.3	588.7	797.4
115°	195.7	180.0	164.4	180.0	195.7	199.7	284.7	398.1	454.9	555.5	756.5
117.5°	214.1	199.8	185.6	199.8	214.1	217.7	290.0	386.5	434.8	525.5	707.0
120°	224.8	211.4	198.0	211.4	224.8	228.1	294.3	382.5	426.6	509.5	675.4
122.5°	237.1	223.6	210.1	223.6	237.1	240.5	300.5	380.4	420.4	495.1	644.4
125°	253.4	241.0	228.7	241.0	253.4	256.4	308.9	378.8	413.7	477.1	604.0
127.5°	268.6	256.1	243.7	256.1	268.6	271.7	317.2	377.8	408.1	462.5	571.5
130°	278.6	265.2	251.8	265.2	278.6	281.9	323.3	378.4	405.9	454.5	551.4
132.5°	286.9	273.5	260.2	273.5	286.9	290.3	328.2	378.8	404.1	447.5	534.3
135°	296.9	284.7	272.5	284.7	296.9	299.9	333.6	378.4	400.8	437.2	509.9
137.5°	309.2	297.2	285.2	297.2	309.2	312.3	341.7	380.8	400.3	431.0	492.4
140°	317.9	306.7	295.6	306.7	317.9	320.7	346.6	381.1	398.4	424.9	478.0
142.5°	324.3	314.0	303.7	314.0	324.3	326.9	350.7	382.5	398.4	421.7	468.3
145°	334.0	325.1	316.1	325.1	334.0	336.3	356.1	382.5	395.7	414.8	452.9
147.5°	345.9	337.2	328.5	337.2	345.9	348.1	363.9	385.2	395.7	410.8	440.8
150°	352.3	344.4	336.5	344.4	352.3	354.3	368.1	386.5	395.7	408.4	433.8
152.5°	356.8	350.9	344.9	350.9	356.8	358.3	370.7	387.4	395.7	406.6	428.2
155°	366.1	361.6	357.2	361.6	366.1	367.2	376.7	389.4	395.7	404.3	421.6
157.5°	375.0	370.7	366.4	370.7	375.0	376.1	382.7	391.3	395.7	402.4	415.8
160°	379.3	375.9	372.6	375.9	379.3	380.1	385.3	392.2	395.7	401.5	412.9
162.5°	383.8	381.3	378.8	381.3	383.8	384.4	388.2	393.2	395.7	400.6	410.2
165°	390.1	387.8	385.5	387.8	390.1	390.6	392.3	394.6	395.7	399.2	406.1
167.5°	393.8	392.8	391.7	392.8	393.8	394.1	395.5	397.4	398.4	400.7	405.2
170°	397.9	396.8	395.7	396.8	397.9	398.1	398.2	398.3	398.4	400.7	405.2
172.5°	398.3	398.1	397.9	398.1	398.3	398.4	398.4	398.4	398.4	400.2	403.8
175°	400.8	400.8	400.8	400.8	400.8	400.8	400.0	399.0	398.4	399.6	401.8
177.5°	400.8	400.8	400.8	400.8	400.8	400.8	400.2	399.4	399.0	399.8	401.6
180°	400.8	400.8	400.8	400.8	400.8	400.8	400.8	400.8	400.8	400.8	400.8



TEST NUMBER: P934154

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2	4804.2
2.5°	4636.0	4622.4	4640.6	4590.6	4640.6	4622.4	4636.0	4667.9	4640.6	4658.8	4676.9
5°	4067.9	4045.2	3972.4	3913.4	3972.4	4045.2	4067.9	4163.4	4208.8	4290.6	4399.7
7.5°	3636.1	3618.0	3599.8	3563.4	3599.8	3618.0	3636.1	3663.3	3708.8	3781.5	3863.4
10°	3540.7	3545.2	3572.5	3567.9	3572.5	3545.2	3540.7	3531.6	3517.9	3531.6	3581.6
12.5°	3786.1	3827.0	3977.0	3967.9	3977.0	3827.0	3786.1	3604.3	3481.6	3458.9	3467.9
15°	4067.9	4081.5	4113.3	4117.9	4113.3	4081.5	4067.9	3995.2	3627.0	3467.9	3417.9
17.5°	4095.2	4099.7	4122.5	4122.5	4122.5	4099.7	4095.2	4063.4	3940.6	3727.0	3445.3
20°	4072.4	4081.5	4127.0	4136.1	4127.0	4081.5	4072.4	4031.5	3963.4	3886.1	3672.5
22.5°	4063.4	4081.5	4117.9	4113.3	4117.9	4081.5	4063.4	3999.7	3940.6	3886.1	3799.7
25°	4017.9	4017.9	4022.5	4027.0	4022.5	4017.9	4017.9	3967.9	3849.8	3836.1	3786.1
27.5°	3922.5	3931.6	3958.8	3954.2	3958.8	3931.6	3922.5	3904.3	3777.1	3763.4	3727.0
30°	3836.1	3827.0	3804.3	3786.1	3804.3	3827.0	3836.1	3808.8	3681.5	3645.2	3654.3
32.5°	3690.7	3667.9	3645.2	3631.6	3645.2	3667.9	3690.7	3681.5	3586.1	3536.1	3545.2
35°	3517.9	3522.5	3517.9	3504.3	3517.9	3522.5	3517.9	3527.0	3467.9	3422.5	3417.9
37.5°	3395.2	3404.3	3399.8	3381.6	3399.8	3404.3	3395.2	3386.2	3304.3	3290.7	3299.8
40°	3268.0	3272.5	3268.0	3254.3	3268.0	3272.5	3268.0	3249.8	3136.2	3140.7	3172.5
42.5°	3145.2	3140.7	3127.1	3117.9	3127.1	3140.7	3145.2	3117.9	2972.5	2958.9	3018.0
45°	3004.3	3008.9	2981.6	2968.0	2981.6	3008.9	3004.3	2986.1	2836.2	2799.8	2840.7
47.5°	2863.5	2863.5	2840.7	2827.0	2840.7	2863.5	2863.5	2840.7	2681.6	2645.3	2668.0
50°	2713.4	2708.9	2677.1	2672.5	2677.1	2708.9	2713.4	2699.8	2531.7	2499.8	2499.8
52.5°	2540.7	2540.7	2545.3	2554.3	2545.3	2540.7	2540.7	2545.3	2395.3	2363.4	2354.4
55°	2390.8	2395.3	2427.1	2436.2	2427.1	2395.3	2390.8	2390.8	2254.4	2222.6	2204.3
57.5°	2236.2	2236.2	2259.0	2259.0	2259.0	2236.2	2236.2	2227.1	2095.3	2068.1	2058.9
60°	2058.9	2068.1	2086.3	2081.7	2086.3	2068.1	2058.9	2049.8	1936.2	1918.0	1886.2
62.5°	1872.6	1881.7	1886.2	1877.1	1886.2	1881.7	1872.6	1845.3	1777.1	1763.5	1722.6
65°	1677.2	1686.2	1690.8	1681.7	1690.8	1686.2	1677.2	1663.5	1613.5	1590.8	1554.4
67.5°	1477.2	1472.6	1468.0	1486.2	1468.0	1472.6	1477.2	1459.0	1427.2	1409.0	1359.0
70°	1272.6	1272.6	1268.1	1277.2	1268.1	1272.6	1272.6	1259.0	1240.8	1227.2	1181.7
72.5°	1054.5	1049.9	1068.1	1054.5	1068.1	1049.9	1054.5	1049.9	1040.8	1027.2	981.7
75°	840.9	849.9	840.9	854.5	840.9	849.9	840.9	845.4	840.9	831.7	800.0
77.5°	640.9	650.0	640.9	640.9	640.9	650.0	640.9	645.4	645.4	645.4	618.1
80°	454.5	450.0	450.0	445.4	450.0	450.0	454.5	454.5	459.0	450.0	440.9
82.5°	290.9	286.3	286.3	295.5	286.3	286.3	290.9	295.5	286.3	286.3	286.3
85°	159.1	163.7	154.5	154.5	154.5	163.7	159.1	150.0	159.1	159.1	154.5
87.5°	59.1	54.5	54.5	54.5	54.5	54.5	59.1	63.7	63.7	63.7	68.1
90°	10.2	10.2	10.2	10.2	10.2	10.2	10.2	13.6	18.2	20.4	17.5
92.5°	51.1	49.1	41.0	32.9	41.0	49.1	51.1	72.4	100.9	115.1	101.1
95°	173.5	167.3	142.7	118.1	142.7	167.3	173.5	227.9	300.3	336.5	284.3
97.5°	400.6	388.8	342.0	295.1	342.0	388.8	400.6	434.9	480.7	503.6	416.4
100°	562.5	548.6	492.8	436.9	492.8	548.6	562.5	560.0	556.7	555.0	458.2
102.5°	700.8	688.8	641.0	593.1	641.0	688.8	700.8	657.0	598.7	569.5	471.4
105°	862.2	855.7	830.0	804.3	830.0	855.7	862.2	764.1	633.3	567.9	472.8
107.5°	946.2	947.7	954.0	960.1	954.0	947.7	946.2	809.3	626.8	535.6	451.8
110°	967.7	974.4	1001.1	1027.9	1001.1	974.4	967.7	814.6	610.7	508.7	433.2



TEST NUMBER: P934154

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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	954.0	964.3	1005.3	1046.4	1005.3	964.3	954.0	797.4	588.7	484.3	416.9
115°	907.4	921.6	978.7	1035.7	978.7	921.6	907.4	756.5	555.5	454.9	398.1
117.5°	843.1	859.0	922.2	985.4	922.2	859.0	843.1	707.0	525.5	434.8	386.5
120°	799.8	815.2	876.6	938.0	876.6	815.2	799.8	675.4	509.5	426.6	382.5
122.5°	756.4	771.6	832.3	892.9	832.3	771.6	756.4	644.4	495.1	420.4	380.4
125°	699.1	713.1	768.9	824.8	768.9	713.1	699.1	604.0	477.1	413.7	378.8
127.5°	653.1	664.9	712.0	759.1	712.0	664.9	653.1	571.5	462.5	408.1	377.8
130°	624.1	635.0	678.6	722.1	678.6	635.0	624.1	551.4	454.5	405.9	378.4
132.5°	599.4	609.2	648.1	687.1	648.1	609.2	599.4	534.3	447.5	404.1	378.8
135°	564.4	572.8	606.4	640.0	606.4	572.8	564.4	509.9	437.2	400.8	378.4
137.5°	538.5	545.4	572.9	600.5	572.9	545.4	538.5	492.4	431.0	400.3	380.8
140°	517.8	524.3	550.0	575.7	550.0	524.3	517.8	478.0	424.9	398.4	381.1
142.5°	503.3	508.9	531.0	553.1	531.0	508.9	503.3	468.3	421.7	398.4	382.5
145°	481.5	485.7	502.4	519.2	502.4	485.7	481.5	452.9	414.8	395.7	382.5
147.5°	463.2	466.7	480.6	494.5	480.6	466.7	463.2	440.8	410.8	395.7	385.2
150°	452.8	455.5	466.8	478.0	466.8	455.5	452.8	433.8	408.4	395.7	386.5
152.5°	444.4	446.6	455.0	463.5	455.0	446.6	444.4	428.2	406.6	395.7	387.4
155°	434.5	435.9	441.5	447.1	441.5	435.9	434.5	421.6	404.3	395.7	389.4
157.5°	425.8	426.8	430.8	434.8	430.8	426.8	425.8	415.8	402.4	395.7	391.3
160°	421.5	422.1	424.4	426.6	424.4	422.1	421.5	412.9	401.5	395.7	392.2
162.5°	417.5	418.0	420.2	422.3	420.2	418.0	417.5	410.2	400.6	395.7	393.2
165°	411.3	411.8	414.2	416.4	414.2	411.8	411.3	406.1	399.2	395.7	394.6
167.5°	408.6	408.9	409.8	410.8	409.8	408.9	408.6	405.2	400.7	398.4	397.4
170°	408.6	408.6	408.6	408.6	408.6	408.6	408.6	405.2	400.7	398.4	398.3
172.5°	406.5	406.3	405.4	404.6	405.4	406.3	406.5	403.8	400.2	398.4	398.4
175°	403.5	403.5	403.5	403.5	403.5	403.5	403.5	401.8	399.6	398.4	399.0
177.5°	403.0	402.7	401.8	400.8	401.8	402.7	403.0	401.6	399.8	399.0	399.4
180°	400.8	400.8	400.8	400.8	400.8	400.8	400.8	400.8	400.8	400.8	400.8



TEST NUMBER: P934154

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	4804.2	4804.2	4804.2	4804.2	4804.2
2.5°	4745.2	4767.9	4781.5	4799.7	4845.2
5°	4563.3	4649.7	4676.9	4745.2	4826.9
7.5°	4163.4	4427.0	4499.7	4663.3	4790.5
10°	3777.1	4040.6	4167.9	4554.3	4745.2
12.5°	3581.6	3736.1	3822.4	4363.3	4681.5
15°	3458.9	3567.9	3631.6	4108.8	4608.8
17.5°	3363.4	3440.7	3486.2	3858.8	4508.8
20°	3304.3	3340.7	3381.6	3677.0	4395.2
22.5°	3263.4	3240.7	3272.5	3549.7	4240.6
25°	3236.1	3149.8	3186.1	3449.7	4058.8
27.5°	3258.8	3068.0	3081.6	3358.9	3867.9
30°	3263.4	2968.0	2972.5	3263.4	3654.3
32.5°	3231.6	2863.5	2868.0	3145.2	3413.4
35°	3154.4	2740.7	2736.2	3008.9	3086.1
37.5°	3049.8	2608.9	2608.9	2858.9	2727.1
40°	2922.6	2477.1	2490.8	2663.5	2408.9
42.5°	2767.9	2336.2	2354.4	2404.4	2172.6
45°	2599.8	2199.9	2213.5	2031.6	1990.7
47.5°	2413.5	2058.9	2063.5	1686.2	1931.7
50°	2190.7	1913.5	1895.3	1445.4	1927.2
52.5°	1995.3	1754.5	1699.8	1309.0	1749.9
55°	1804.4	1586.2	1468.0	1204.5	1622.6
57.5°	1636.3	1368.1	1254.4	1081.7	1595.4
60°	1481.7	1154.5	1068.1	949.9	1463.6
62.5°	1354.4	995.4	977.2	859.1	1327.2
65°	1218.1	886.3	881.8	781.8	1127.2
67.5°	1086.3	813.6	809.0	709.0	859.1
70°	945.4	736.3	727.3	631.7	636.3
72.5°	800.0	650.0	640.9	568.2	527.2
75°	654.5	550.0	545.4	495.4	427.2
77.5°	513.6	436.4	445.4	399.9	313.6
80°	368.2	318.2	327.2	286.3	236.4
82.5°	245.4	209.1	218.2	181.8	159.1
85°	136.4	118.2	122.7	95.4	72.7
87.5°	63.7	54.5	54.5	36.3	22.7
90°	11.8	7.5	7.0	4.8	2.7
92.5°	73.0	51.9	47.4	29.0	10.7
95°	179.6	101.2	92.8	59.3	25.8
97.5°	241.9	111.1	103.8	74.2	44.7
100°	264.7	119.4	112.7	85.9	59.2
102.5°	275.0	127.8	121.5	96.5	71.5
105°	282.7	140.1	134.8	113.7	92.6
107.5°	284.2	158.5	153.5	133.8	114.1
110°	282.0	168.7	164.2	146.4	128.6



TEST NUMBER: P934154

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-12-3500K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	282.1	181.0	176.8	159.8	142.9
115°	284.7	199.7	195.7	180.0	164.4
117.5°	290.0	217.7	214.1	199.8	185.6
120°	294.3	228.1	224.8	211.4	198.0
122.5°	300.5	240.5	237.1	223.6	210.1
125°	308.9	256.4	253.4	241.0	228.7
127.5°	317.2	271.7	268.6	256.1	243.7
130°	323.3	281.9	278.6	265.2	251.8
132.5°	328.2	290.3	286.9	273.5	260.2
135°	333.6	299.9	296.9	284.7	272.5
137.5°	341.7	312.3	309.2	297.2	285.2
140°	346.6	320.7	317.9	306.7	295.6
142.5°	350.7	326.9	324.3	314.0	303.7
145°	356.1	336.3	334.0	325.1	316.1
147.5°	363.9	348.1	345.9	337.2	328.5
150°	368.1	354.3	352.3	344.4	336.5
152.5°	370.7	358.3	356.8	350.9	344.9
155°	376.7	367.2	366.1	361.6	357.2
157.5°	382.7	376.1	375.0	370.7	366.4
160°	385.3	380.1	379.3	375.9	372.6
162.5°	388.2	384.4	383.8	381.3	378.8
165°	392.3	390.6	390.1	387.8	385.5
167.5°	395.5	394.1	393.8	392.8	391.7
170°	398.2	398.1	397.9	396.8	395.7
172.5°	398.4	398.4	398.3	398.1	397.9
175°	400.0	400.8	400.8	400.8	400.8
177.5°	400.2	400.8	400.8	400.8	400.8
180°	400.8	400.8	400.8	400.8	400.8



TEST NUMBER: P934154
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CIE UGR TABLE:

Reflectances:											
Ceiling		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Wall		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Reference plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
X=2H	Y=2H	16.80	18.06	17.41	18.68	19.39	19.65	20.91	20.26	21.53	22.25
	3H	17.30	18.44	17.93	19.07	19.82	21.03	22.16	21.66	22.80	23.55
	4H	17.51	18.58	18.16	19.23	19.99	21.50	22.56	22.15	23.21	23.97
	6H	17.65	18.64	18.31	19.30	20.07	21.81	22.79	22.47	23.45	24.23
	8H	17.67	18.60	18.34	19.28	20.06	21.90	22.84	22.57	23.52	24.30
	12H	17.65	18.55	18.33	19.22	20.03	21.95	22.85	22.63	23.52	24.33
4H	2H	17.88	18.95	18.53	19.60	20.36	20.11	21.17	20.76	21.82	22.58
	3H	18.95	19.84	19.61	20.52	21.30	21.65	22.54	22.32	23.23	24.01
	4H	19.24	20.05	19.92	20.74	21.55	22.20	23.01	22.88	23.70	24.51
	6H	19.39	20.09	20.09	20.80	21.62	22.60	23.30	23.30	24.01	24.83
	8H	19.40	20.06	20.11	20.77	21.60	22.71	23.37	23.42	24.08	24.92
	12H	19.39	19.98	20.11	20.71	21.55	22.79	23.38	23.52	24.12	24.96
8H	4H	19.73	20.38	20.43	21.10	21.93	22.36	23.01	23.06	23.73	24.56
	6H	20.01	20.55	20.74	21.30	22.14	22.82	23.36	23.55	24.12	24.95
	8H	20.05	20.54	20.80	21.29	22.15	22.98	23.46	23.72	24.22	25.07
	12H	20.05	20.48	20.80	21.23	22.14	23.10	23.52	23.85	24.27	25.18
12H	4H	19.75	20.34	20.48	21.08	21.92	22.34	22.93	23.07	23.67	24.51
	6H	20.07	20.55	20.82	21.31	22.16	22.82	23.30	23.57	24.06	24.91
	8H	20.16	20.58	20.91	21.33	22.24	23.00	23.43	23.75	24.17	25.09