

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: P934026

Luminaire Tested: SQ4-FA-025U-100D-92765-1D-UNV-STD-W-12-3000K

Issue Date: 12/17/2024

**Test Information**

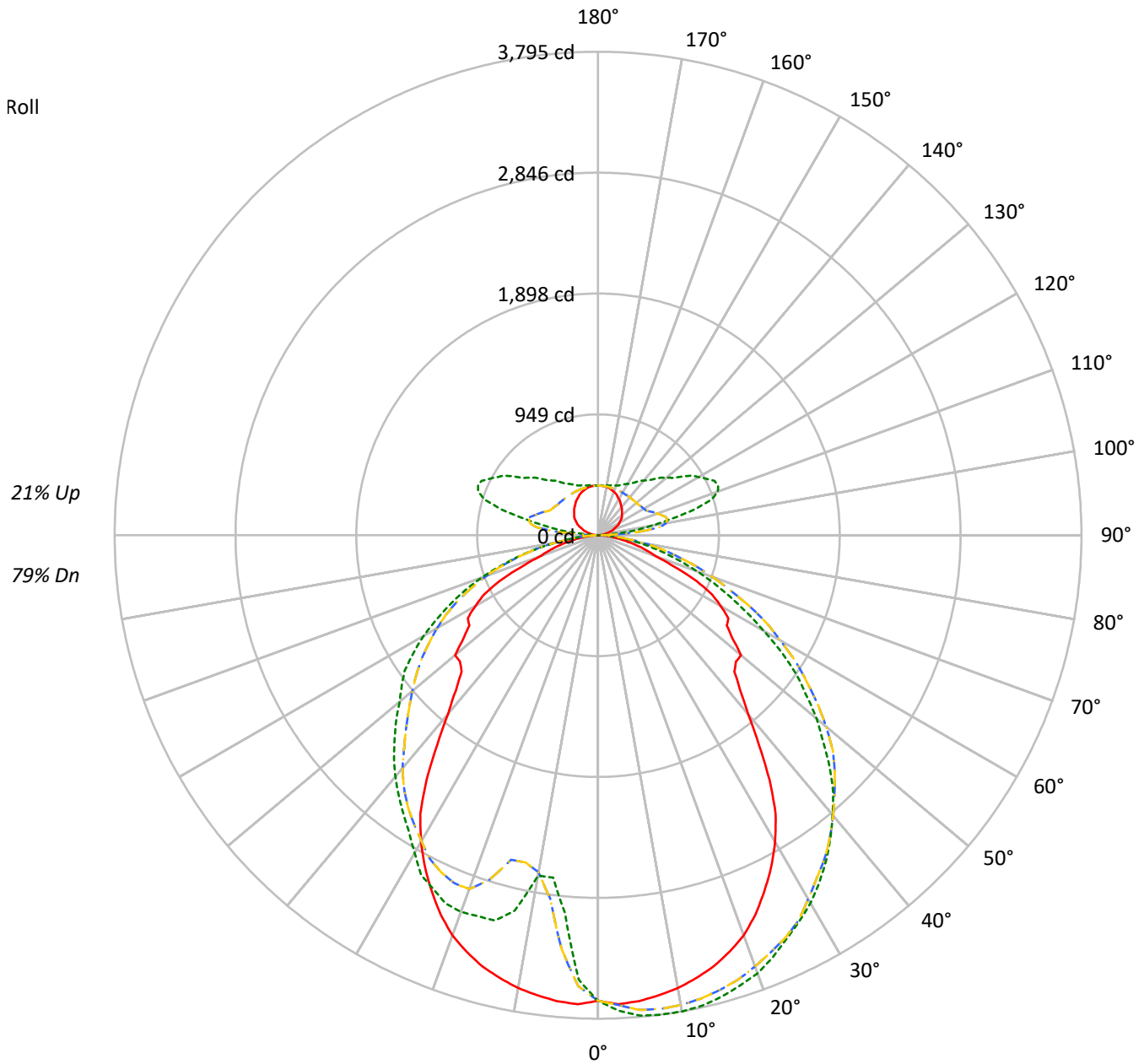
Test Method: LM-79-2019  
Report Number: P934026  
REPORT IS A COMBINATION OF REPORTS P933681 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-100D-92765-1D-UNV-STD-W-12-3000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 12005.3 lumens  
Efficiency: N/A  
Efficacy: 103.1 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): 116.4  
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-100D-92765-1D-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	0
RCR																		
0	114	114	114	114	109	109	109	109	99	99	99	91	91	91	83	83	83	79
1	104	100	96	92	100	96	92	89	88	85	82	80	78	76	73	72	70	67
2	95	87	81	76	91	84	78	73	77	72	68	70	67	64	65	62	59	56
3	87	77	69	63	83	74	67	61	68	62	57	62	58	54	57	54	50	47
4	79	68	60	53	76	65	58	52	60	54	49	56	50	46	51	47	43	41
5	73	61	52	46	70	58	51	45	54	47	42	50	44	40	46	41	38	35
6	67	55	46	40	64	53	45	39	49	42	37	45	39	35	42	37	33	31
7	62	50	41	35	59	48	40	34	44	38	33	41	35	31	38	33	30	27
8	58	45	37	31	55	44	36	31	40	34	29	38	32	28	35	30	26	24
9	54	41	33	28	52	40	33	27	37	31	26	35	29	25	32	27	24	22
10	51	38	30	25	48	37	30	25	34	28	24	32	27	23	30	25	22	20

**AVERAGE LUMINANCE (cd/sqm):**

	0°	90°	180°	270°
0°	11301	11301	11301	11301
5°	11389	11408	11389	8970
10°	11317	11237	11317	8033
15°	11198	10993	11198	9180
20°	10969	10705	10969	9199
25°	10494	10284	10494	9004
30°	9878	9935	9878	8576
35°	8811	9493	8811	8105
40°	7346	8973	7346	7750
45°	6567	8365	6567	7342
50°	6983	7639	6983	6931
55°	6576	6856	6576	6694
60°	6787	5823	6787	6131
65°	6164	4814	6164	5381
70°	4278	3836	4278	4511
75°	3766	2836	3766	3396
80°	3056	1875	3056	2041
85°	1792	993	1792	845

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 10059 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	329.8	2.7
10°-20°	936.4	7.8
20°-30°	1447.5	12.1
30°-40°	1728.0	14.4
40°-50°	1738.1	14.5
50°-60°	1512.3	12.6
60°-70°	1072.3	8.9
70°-80°	567.3	4.7
80°-90°	142.8	1.2
90°-100°	190.3	1.6
100°-110°	500.3	4.2
110°-120°	518.8	4.3
120°-130°	416.1	3.5
130°-140°	326.5	2.7
140°-150°	250.6	2.1
150°-160°	180.5	1.5
160°-170°	110.4	0.9
170°-180°	37.3	0.3
0°-30°	2713.6	22.6
0°-40°	4441.6	37.0
0°-60°	7692.0	64.1
0°-90°	9474.4	78.9
90°-120°	1209.4	10.1
90°-150°	2202.7	18.3
90°-180°	2531.0	21.1
0°-180°	12005.3	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3654	3654	3654	3654	3654	
5°	3671	3785	3671	2976	3671	348
15°	3505	3750	3505	3132	3505	986
25°	3087	3498	3087	3062	3087	1417
35°	2347	3121	2347	2665	2347	1452
45°	1514	2572	1514	2257	1514	1213
55°	1234	1898	1234	1853	1234	1134
65°	857	1144	857	1279	857	819
75°	325	543	325	650	325	342
85°	55	138	55	118	55	75
90°	3	10	3	10	3	5
95°	25	115	25	115	25	28
105°	90	783	90	783	90	96
115°	160	1009	160	1009	160	158
125°	223	803	223	803	223	198
135°	265	623	265	623	265	205
145°	308	506	308	506	308	193
155°	348	436	348	436	348	160
165°	376	406	376	406	376	106
175°	390	393	390	393	390	37
180°	390	390	390	390	390	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5
2.5°	3684.6	3684.6	3705.4	3712.2	3712.2	3701.9	3691.5	3701.9	3733.0	3743.4	3739.9
5°	3670.8	3698.5	3736.5	3743.4	3750.3	3746.9	3739.9	3746.9	3781.4	3788.3	3791.8
7.5°	3643.1	3695.0	3743.4	3753.8	3764.1	3753.8	3750.3	3757.2	3791.8	3798.7	3798.7
10°	3608.6	3681.2	3736.5	3743.4	3753.8	3743.4	3743.4	3757.2	3791.8	3798.7	3802.2
12.5°	3560.2	3660.4	3712.2	3719.2	3733.0	3729.5	3726.1	3739.9	3774.5	3781.4	3781.4
15°	3504.9	3622.4	3670.8	3677.7	3701.9	3695.0	3695.0	3708.8	3746.9	3757.2	3753.8
17.5°	3428.8	3574.0	3629.3	3639.7	3657.0	3653.5	3657.0	3670.8	3705.4	3712.2	3715.7
20°	3342.4	3508.4	3574.0	3584.4	3601.7	3601.7	3601.7	3618.9	3653.5	3667.3	3667.3
22.5°	3224.9	3439.2	3508.4	3515.3	3536.0	3536.0	3542.9	3567.1	3598.2	3601.7	3601.7
25°	3086.7	3363.2	3421.9	3442.7	3463.4	3473.7	3484.1	3498.0	3508.4	3504.9	3508.4
27.5°	2941.5	3266.4	3342.4	3356.3	3383.9	3394.3	3408.1	3411.6	3415.0	3425.3	3418.5
30°	2779.0	3131.6	3245.6	3259.5	3304.4	3311.3	3297.5	3304.4	3321.7	3328.6	3335.5
32.5°	2595.8	2931.1	3145.4	3176.5	3218.0	3197.2	3193.8	3204.2	3231.8	3231.8	3238.7
35°	2347.0	2775.6	3052.1	3079.8	3110.8	3086.7	3100.4	3103.9	3121.2	3131.6	3128.2
37.5°	2073.9	2640.8	2955.3	2976.1	3000.2	2969.1	2989.9	3000.2	3014.1	3007.1	3007.1
40°	1832.0	2429.9	2841.3	2855.0	2875.8	2851.6	2872.3	2879.3	2886.2	2879.3	2875.8
42.5°	1652.2	2198.3	2720.2	2737.6	2723.7	2741.0	2747.9	2761.7	2751.4	2737.6	2737.6
45°	1513.9	2136.1	2588.9	2609.6	2588.9	2616.5	2626.9	2626.9	2595.8	2588.9	2585.5
47.5°	1469.0	2011.7	2457.6	2457.6	2447.2	2481.7	2499.1	2474.8	2443.7	2433.4	2433.4
50°	1465.5	1873.4	2277.8	2264.0	2312.4	2353.9	2336.6	2312.4	2288.2	2250.2	2250.2
52.5°	1330.7	1704.0	2046.2	2098.1	2174.2	2198.3	2170.7	2146.5	2105.0	2087.7	2073.9
55°	1233.9	1527.8	1835.4	1939.1	2018.6	2049.7	1997.8	1973.7	1911.4	1901.0	1894.1
57.5°	1213.3	1271.9	1641.9	1773.2	1870.0	1866.5	1835.4	1790.5	1738.6	1728.3	1724.8
60°	1113.0	919.4	1434.4	1590.0	1690.3	1679.9	1652.2	1610.7	1562.3	1555.4	1548.5
62.5°	1009.3	667.1	1199.4	1375.7	1517.4	1513.9	1489.8	1427.5	1393.0	1375.7	1361.9
65°	857.2	559.9	853.7	1144.1	1348.0	1355.0	1303.1	1258.2	1220.1	1199.4	1195.9
67.5°	653.2	456.2	577.2	954.0	1185.6	1178.6	1113.0	1092.2	1043.8	1033.4	1012.8
70°	483.9	304.2	401.0	774.3	1026.6	1009.3	957.4	933.3	888.3	864.1	850.3
72.5°	401.0	245.4	293.8	601.4	864.1	843.3	798.4	770.8	732.8	712.0	698.2
75°	324.9	259.3	224.6	445.9	701.6	687.9	646.4	618.7	587.6	559.9	563.4
77.5°	238.5	242.0	179.7	328.4	556.5	535.8	511.5	477.0	463.1	435.5	435.5
80°	179.7	190.1	134.8	224.6	401.0	401.0	380.2	356.1	331.8	318.0	318.0
82.5°	121.0	121.0	100.2	141.7	273.0	262.7	248.9	242.0	228.1	221.2	221.2
85°	55.3	69.2	62.2	86.4	148.6	155.6	155.6	148.6	145.2	138.2	141.7
87.5°	17.3	31.1	38.0	48.4	76.0	79.5	82.9	82.9	82.9	86.4	86.4
90°	2.6	4.7	6.8	7.3	11.5	17.1	19.9	17.7	13.3	9.9	9.9
92.5°	10.5	28.3	46.1	50.6	71.1	98.5	112.1	98.3	70.5	49.8	47.8
95°	25.1	57.7	90.3	98.5	174.9	276.9	327.8	292.5	221.9	169.0	163.0
97.5°	43.5	72.3	101.1	108.2	235.6	405.6	490.5	468.2	423.6	390.1	378.7
100°	57.6	83.7	109.8	116.3	257.8	446.3	540.6	542.2	545.5	547.9	534.3
102.5°	69.7	94.0	118.3	124.4	267.9	459.1	554.7	583.1	639.9	682.5	670.9
105°	90.2	110.7	131.3	136.5	275.4	460.5	553.1	616.8	744.2	839.8	833.5
107.5°	111.1	130.3	149.6	154.4	276.8	440.0	521.7	610.5	788.2	921.6	923.0
110°	125.2	142.6	159.9	164.3	274.7	421.9	495.5	594.8	793.5	942.5	949.0



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	139.2	155.7	172.2	176.3	274.8	406.0	471.7	573.4	776.6	929.2	939.2
115°	160.1	175.4	190.6	194.5	277.3	387.8	443.1	541.0	736.9	883.8	897.7
117.5°	180.8	194.6	208.5	212.0	282.5	376.5	423.5	511.9	688.6	821.2	836.6
120°	192.8	205.9	219.0	222.2	286.6	372.5	415.5	496.3	657.9	779.0	794.0
122.5°	204.7	217.8	230.9	234.2	292.7	370.5	409.5	482.2	627.7	736.8	751.5
125°	222.7	234.8	246.8	249.8	300.9	369.0	403.0	464.7	588.3	681.0	694.6
127.5°	237.4	249.5	261.6	264.7	309.0	368.0	397.5	450.5	556.6	636.1	647.7
130°	245.2	258.3	271.4	274.6	314.9	368.5	395.4	442.6	537.1	607.9	618.5
132.5°	253.4	266.4	279.5	282.7	319.7	369.0	393.5	435.8	520.4	583.8	593.3
135°	265.4	277.3	289.2	292.1	324.9	368.6	390.4	425.8	496.6	549.7	557.9
137.5°	277.7	289.5	301.2	304.2	332.8	370.9	389.9	419.8	479.6	524.5	531.2
140°	287.9	298.8	309.7	312.4	337.6	371.2	388.1	413.9	465.6	504.4	510.7
142.5°	295.8	305.8	315.9	318.4	341.6	372.5	388.1	410.7	456.2	490.3	495.7
145°	307.9	316.6	325.4	327.5	346.8	372.5	385.4	404.0	441.2	469.0	473.1
147.5°	319.9	328.4	337.0	339.0	354.5	375.1	385.4	400.1	429.3	451.2	454.6
150°	327.8	335.5	343.1	345.1	358.5	376.5	385.4	397.8	422.5	441.0	443.7
152.5°	335.9	341.8	347.5	349.0	361.1	377.3	385.4	396.0	417.1	432.9	435.0
155°	347.9	352.2	356.6	357.6	366.9	379.2	385.4	393.8	410.6	423.2	424.6
157.5°	356.8	361.0	365.3	366.3	372.7	381.2	385.4	392.0	405.0	414.7	415.7
160°	362.9	366.2	369.5	370.3	375.3	382.0	385.4	391.0	402.2	410.6	411.1
162.5°	369.0	371.4	373.8	374.5	378.1	383.0	385.4	390.1	399.6	406.6	407.2
165°	375.5	377.7	379.9	380.5	382.1	384.3	385.4	388.8	395.6	400.6	401.1
167.5°	381.5	382.6	383.6	383.9	385.3	387.1	388.1	390.2	394.7	398.0	398.3
170°	385.4	386.5	387.5	387.8	387.9	388.0	388.1	390.2	394.7	398.0	398.0
172.5°	387.5	387.8	388.0	388.1	388.1	388.1	388.1	389.8	393.3	395.9	395.7
175°	390.4	390.4	390.4	390.4	389.6	388.6	388.1	389.2	391.4	393.0	393.0
177.5°	390.4	390.4	390.4	390.4	389.8	389.0	388.6	389.5	391.2	392.5	392.2
180°	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5
2.5°	3746.9	3736.5	3746.9	3739.9	3743.4	3733.0	3701.9	3691.5	3701.9	3712.2	3712.2
5°	3791.8	3784.9	3791.8	3791.8	3788.3	3781.4	3746.9	3739.9	3746.9	3750.3	3743.4
7.5°	3805.6	3795.3	3805.6	3798.7	3798.7	3791.8	3757.2	3750.3	3753.8	3764.1	3753.8
10°	3805.6	3795.3	3805.6	3802.2	3798.7	3791.8	3757.2	3743.4	3743.4	3753.8	3743.4
12.5°	3788.3	3781.4	3788.3	3781.4	3781.4	3774.5	3739.9	3726.1	3729.5	3733.0	3719.2
15°	3760.6	3750.3	3760.6	3753.8	3757.2	3746.9	3708.8	3695.0	3695.0	3701.9	3677.7
17.5°	3719.2	3705.4	3719.2	3715.7	3712.2	3705.4	3670.8	3657.0	3653.5	3657.0	3639.7
20°	3670.8	3660.4	3670.8	3667.3	3667.3	3653.5	3618.9	3601.7	3601.7	3601.7	3584.4
22.5°	3594.8	3584.4	3594.8	3601.7	3601.7	3598.2	3567.1	3542.9	3536.0	3536.0	3515.3
25°	3508.4	3498.0	3508.4	3508.4	3504.9	3508.4	3498.0	3484.1	3473.7	3463.4	3442.7
27.5°	3425.3	3418.5	3425.3	3418.5	3425.3	3415.0	3411.6	3408.1	3394.3	3383.9	3356.3
30°	3342.4	3335.5	3342.4	3335.5	3328.6	3321.7	3304.4	3297.5	3311.3	3304.4	3259.5
32.5°	3238.7	3231.8	3238.7	3238.7	3231.8	3231.8	3204.2	3193.8	3197.2	3218.0	3176.5
35°	3131.6	3121.2	3131.6	3128.2	3131.6	3121.2	3103.9	3100.4	3086.7	3110.8	3079.8
37.5°	3007.1	2996.7	3007.1	3007.1	3007.1	3014.1	3000.2	2989.9	2969.1	3000.2	2976.1
40°	2879.3	2865.4	2879.3	2875.8	2879.3	2886.2	2879.3	2872.3	2851.6	2875.8	2855.0
42.5°	2734.1	2730.6	2734.1	2737.6	2737.6	2751.4	2761.7	2747.9	2741.0	2723.7	2737.6
45°	2578.5	2571.6	2578.5	2585.5	2588.9	2595.8	2626.9	2626.9	2616.5	2588.9	2609.6
47.5°	2412.7	2395.4	2412.7	2433.4	2433.4	2443.7	2474.8	2499.1	2481.7	2447.2	2457.6
50°	2236.3	2239.8	2236.3	2250.2	2250.2	2288.2	2312.4	2336.6	2353.9	2312.4	2264.0
52.5°	2063.5	2060.1	2063.5	2073.9	2087.7	2105.0	2146.5	2170.7	2198.3	2174.2	2098.1
55°	1890.7	1897.6	1890.7	1894.1	1901.0	1911.4	1973.7	1997.8	2049.7	2018.6	1939.1
57.5°	1717.9	1707.5	1717.9	1724.8	1728.3	1738.6	1790.5	1835.4	1866.5	1870.0	1773.2
60°	1517.4	1503.6	1517.4	1548.5	1555.4	1562.3	1610.7	1652.2	1679.9	1690.3	1590.0
62.5°	1341.1	1316.9	1341.1	1361.9	1375.7	1393.0	1427.5	1489.8	1513.9	1517.4	1375.7
65°	1154.5	1144.1	1154.5	1195.9	1199.4	1220.1	1258.2	1303.1	1355.0	1348.0	1144.1
67.5°	985.1	985.1	985.1	1012.8	1033.4	1043.8	1092.2	1113.0	1178.6	1185.6	954.0
70°	829.6	826.1	829.6	850.3	864.1	888.3	933.3	957.4	1009.3	1026.6	774.3
72.5°	681.0	677.5	681.0	698.2	712.0	732.8	770.8	798.4	843.3	864.1	601.4
75°	549.6	542.7	549.6	563.4	559.9	587.6	618.7	646.4	687.9	701.6	445.9
77.5°	421.7	421.7	421.7	435.5	435.5	463.1	477.0	511.5	535.8	556.5	328.4
80°	314.5	311.1	314.5	318.0	318.0	331.8	356.1	380.2	401.0	401.0	224.6
82.5°	221.2	214.3	221.2	221.2	221.2	228.1	242.0	248.9	262.7	273.0	141.7
85°	138.2	138.2	138.2	141.7	138.2	145.2	148.6	155.6	155.6	148.6	86.4
87.5°	89.9	86.4	89.9	86.4	86.4	82.9	82.9	82.9	79.5	76.0	48.4
90°	9.9	9.9	9.9	9.9	9.9	13.3	17.7	19.9	17.1	11.5	7.3
92.5°	39.9	32.0	39.9	47.8	49.8	70.5	98.3	112.1	98.5	71.1	50.6
95°	139.0	115.0	139.0	163.0	169.0	221.9	292.5	327.8	276.9	174.9	98.5
97.5°	333.1	287.4	333.1	378.7	390.1	423.6	468.2	490.5	405.6	235.6	108.2
100°	480.0	425.6	480.0	534.3	547.9	545.5	542.2	540.6	446.3	257.8	116.3
102.5°	624.3	577.7	624.3	670.9	682.5	639.9	583.1	554.7	459.1	267.9	124.4
105°	808.5	783.4	808.5	833.5	839.8	744.2	616.8	553.1	460.5	275.4	136.5
107.5°	929.2	935.2	929.2	923.0	921.6	788.2	610.5	521.7	440.0	276.8	154.4
110°	975.1	1001.2	975.1	949.0	942.5	793.5	594.8	495.5	421.9	274.7	164.3





TEST NUMBER: P934026

CATALOG NUMBER: SQ4-FA-025U-100D-92765-1D-UNV-STD-W-12-3000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	979.2	1019.2	979.2	939.2	929.2	776.6	573.4	471.7	406.0	274.8	176.3
115°	953.2	1008.8	953.2	897.7	883.8	736.9	541.0	443.1	387.8	277.3	194.5
117.5°	898.2	959.8	898.2	836.6	821.2	688.6	511.9	423.5	376.5	282.5	212.0
120°	853.8	913.6	853.8	794.0	779.0	657.9	496.3	415.5	372.5	286.6	222.2
122.5°	810.6	869.7	810.6	751.5	736.8	627.7	482.2	409.5	370.5	292.7	234.2
125°	748.9	803.3	748.9	694.6	681.0	588.3	464.7	403.0	369.0	300.9	249.8
127.5°	693.5	739.4	693.5	647.7	636.1	556.6	450.5	397.5	368.0	309.0	264.7
130°	660.9	703.3	660.9	618.5	607.9	537.1	442.6	395.4	368.5	314.9	274.6
132.5°	631.3	669.2	631.3	593.3	583.8	520.4	435.8	393.5	369.0	319.7	282.7
135°	590.6	623.3	590.6	557.9	549.7	496.6	425.8	390.4	368.6	324.9	292.1
137.5°	558.0	584.9	558.0	531.2	524.5	479.6	419.8	389.9	370.9	332.8	304.2
140°	535.7	560.7	535.7	510.7	504.4	465.6	413.9	388.1	371.2	337.6	312.4
142.5°	517.2	538.7	517.2	495.7	490.3	456.2	410.7	388.1	372.5	341.6	318.4
145°	489.4	505.7	489.4	473.1	469.0	441.2	404.0	385.4	372.5	346.8	327.5
147.5°	468.1	481.6	468.1	454.6	451.2	429.3	400.1	385.4	375.1	354.5	339.0
150°	454.7	465.6	454.7	443.7	441.0	422.5	397.8	385.4	376.5	358.5	345.1
152.5°	443.2	451.5	443.2	435.0	432.9	417.1	396.0	385.4	377.3	361.1	349.0
155°	430.0	435.5	430.0	424.6	423.2	410.6	393.8	385.4	379.2	366.9	357.6
157.5°	419.6	423.5	419.6	415.7	414.7	405.0	392.0	385.4	381.2	372.7	366.3
160°	413.3	415.5	413.3	411.1	410.6	402.2	391.0	385.4	382.0	375.3	370.3
162.5°	409.2	411.3	409.2	407.2	406.6	399.6	390.1	385.4	383.0	378.1	374.5
165°	403.4	405.6	403.4	401.1	400.6	395.6	388.8	385.4	384.3	382.1	380.5
167.5°	399.1	400.1	399.1	398.3	398.0	394.7	390.2	388.1	387.1	385.3	383.9
170°	398.0	398.0	398.0	398.0	398.0	394.7	390.2	388.1	388.0	387.9	387.8
172.5°	394.9	394.1	394.9	395.7	395.9	393.3	389.8	388.1	388.1	388.1	388.1
175°	393.0	393.0	393.0	393.0	393.0	391.4	389.2	388.1	388.6	389.6	390.4
177.5°	391.4	390.4	391.4	392.2	392.5	391.2	389.5	388.6	389.0	389.8	390.4
180°	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4



TEST NUMBER: P934026

CATALOG NUMBER: SQ4-FA-025U-100D-92765-1D-UNV-STD-W-12-3000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5
2.5°	3705.4	3684.6	3684.6	3650.1	3636.2	3625.8	3608.6	3556.8	3542.9	3529.0	3549.8
5°	3736.5	3698.5	3670.8	3608.6	3556.8	3536.0	3470.3	3345.9	3262.9	3200.7	3166.2
7.5°	3743.4	3695.0	3643.1	3546.4	3421.9	3366.7	3166.2	2938.1	2875.8	2820.5	2785.9
10°	3736.5	3681.2	3608.6	3463.4	3169.6	3072.8	2872.3	2723.7	2685.7	2675.3	2685.7
12.5°	3712.2	3660.4	3560.2	3318.3	2906.9	2841.3	2723.7	2637.3	2630.4	2647.7	2741.0
15°	3670.8	3622.4	3504.9	3124.7	2761.7	2713.3	2630.4	2599.3	2637.3	2758.2	3038.3
17.5°	3629.3	3574.0	3428.8	2934.6	2651.2	2616.5	2557.8	2620.0	2834.3	2996.7	3090.1
20°	3574.0	3508.4	3342.4	2796.3	2571.6	2540.5	2512.9	2792.9	2955.3	3014.1	3065.9
22.5°	3508.4	3439.2	3224.9	2699.6	2488.7	2464.5	2481.7	2889.7	2955.3	2996.7	3041.7
25°	3421.9	3363.2	3086.7	2623.5	2423.0	2395.4	2461.1	2879.3	2917.3	2927.7	3017.5
27.5°	3342.4	3266.4	2941.5	2554.4	2343.5	2333.1	2478.3	2834.3	2862.0	2872.3	2969.1
30°	3245.6	3131.6	2779.0	2481.7	2260.6	2257.1	2481.7	2779.0	2772.1	2799.8	2896.5
32.5°	3145.4	2931.1	2595.8	2391.9	2181.0	2177.6	2457.6	2696.1	2689.2	2727.2	2799.8
35°	3052.1	2775.6	2347.0	2288.2	2080.8	2084.2	2398.8	2599.3	2602.8	2637.3	2682.2
37.5°	2955.3	2640.8	2073.9	2174.2	1984.1	1984.1	2319.3	2509.5	2502.5	2512.9	2575.1
40°	2841.3	2429.9	1832.0	2025.5	1894.1	1883.8	2222.6	2412.7	2388.4	2385.0	2471.4
42.5°	2720.2	2198.3	1652.2	1828.5	1790.5	1776.6	2105.0	2295.1	2250.2	2260.6	2371.1
45°	2588.9	2136.1	1513.9	1545.1	1683.3	1672.9	1977.1	2160.3	2129.2	2156.9	2271.0
47.5°	2457.6	2011.7	1469.0	1282.3	1569.2	1565.8	1835.4	2029.0	2011.7	2039.3	2160.3
50°	2277.8	1873.4	1465.5	1099.2	1441.4	1455.2	1666.0	1901.0	1901.0	1925.3	2053.1
52.5°	2046.2	1704.0	1330.7	995.4	1292.7	1334.2	1517.4	1790.5	1797.3	1821.6	1935.7
55°	1835.4	1527.8	1233.9	916.0	1116.5	1206.3	1372.2	1676.4	1690.3	1714.4	1818.1
57.5°	1641.9	1271.9	1213.3	822.7	954.0	1040.4	1244.3	1565.8	1572.7	1593.5	1693.7
60°	1434.4	919.4	1113.0	722.4	812.3	878.0	1126.8	1434.4	1458.7	1472.4	1558.8
62.5°	1199.4	667.1	1009.3	653.2	743.1	757.0	1030.0	1310.0	1341.1	1351.5	1403.4
65°	853.7	559.9	857.2	594.6	670.6	674.0	926.4	1182.1	1209.8	1227.0	1265.1
67.5°	577.2	456.2	653.2	539.2	615.2	618.7	826.1	1033.4	1071.5	1085.3	1109.6
70°	401.0	304.2	483.9	480.5	553.0	559.9	719.0	898.7	933.3	943.6	957.4
72.5°	293.8	245.4	401.0	432.1	487.4	494.3	608.3	746.6	781.2	791.5	798.4
75°	224.6	259.3	324.9	376.7	414.7	418.2	497.8	608.3	632.6	639.5	642.9
77.5°	179.7	242.0	238.5	304.2	338.7	331.8	390.6	470.1	490.8	490.8	490.8
80°	134.8	190.1	179.7	217.7	248.9	242.0	280.0	335.3	342.2	349.1	345.7
82.5°	100.2	121.0	121.0	138.2	165.9	159.0	186.6	217.7	217.7	217.7	224.6
85°	62.2	69.2	55.3	72.6	93.3	89.9	103.7	117.6	121.0	121.0	114.1
87.5°	38.0	31.1	17.3	27.6	41.5	41.5	48.4	51.9	48.4	48.4	48.4
90°	6.8	4.7	2.6	4.7	6.8	7.3	11.5	17.1	19.9	17.7	13.3
92.5°	46.1	28.3	10.5	28.3	46.1	50.6	71.1	98.5	112.1	98.3	70.5
95°	90.3	57.7	25.1	57.7	90.3	98.5	174.9	276.9	327.8	292.5	221.9
97.5°	101.1	72.3	43.5	72.3	101.1	108.2	235.6	405.6	490.5	468.2	423.6
100°	109.8	83.7	57.6	83.7	109.8	116.3	257.8	446.3	540.6	542.2	545.5
102.5°	118.3	94.0	69.7	94.0	118.3	124.4	267.9	459.1	554.7	583.1	639.9
105°	131.3	110.7	90.2	110.7	131.3	136.5	275.4	460.5	553.1	616.8	744.2
107.5°	149.6	130.3	111.1	130.3	149.6	154.4	276.8	440.0	521.7	610.5	788.2
110°	159.9	142.6	125.2	142.6	159.9	164.3	274.7	421.9	495.5	594.8	793.5



TEST NUMBER: P934026

CATALOG NUMBER: SQ4-FA-025U-100D-92765-1D-UNV-STD-W-12-3000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	172.2	155.7	139.2	155.7	172.2	176.3	274.8	406.0	471.7	573.4	776.6
115°	190.6	175.4	160.1	175.4	190.6	194.5	277.3	387.8	443.1	541.0	736.9
117.5°	208.5	194.6	180.8	194.6	208.5	212.0	282.5	376.5	423.5	511.9	688.6
120°	219.0	205.9	192.8	205.9	219.0	222.2	286.6	372.5	415.5	496.3	657.9
122.5°	230.9	217.8	204.7	217.8	230.9	234.2	292.7	370.5	409.5	482.2	627.7
125°	246.8	234.8	222.7	234.8	246.8	249.8	300.9	369.0	403.0	464.7	588.3
127.5°	261.6	249.5	237.4	249.5	261.6	264.7	309.0	368.0	397.5	450.5	556.6
130°	271.4	258.3	245.2	258.3	271.4	274.6	314.9	368.5	395.4	442.6	537.1
132.5°	279.5	266.4	253.4	266.4	279.5	282.7	319.7	369.0	393.5	435.8	520.4
135°	289.2	277.3	265.4	277.3	289.2	292.1	324.9	368.6	390.4	425.8	496.6
137.5°	301.2	289.5	277.7	289.5	301.2	304.2	332.8	370.9	389.9	419.8	479.6
140°	309.7	298.8	287.9	298.8	309.7	312.4	337.6	371.2	388.1	413.9	465.6
142.5°	315.9	305.8	295.8	305.8	315.9	318.4	341.6	372.5	388.1	410.7	456.2
145°	325.4	316.6	307.9	316.6	325.4	327.5	346.8	372.5	385.4	404.0	441.2
147.5°	337.0	328.4	319.9	328.4	337.0	339.0	354.5	375.1	385.4	400.1	429.3
150°	343.1	335.5	327.8	335.5	343.1	345.1	358.5	376.5	385.4	397.8	422.5
152.5°	347.5	341.8	335.9	341.8	347.5	349.0	361.1	377.3	385.4	396.0	417.1
155°	356.6	352.2	347.9	352.2	356.6	357.6	366.9	379.2	385.4	393.8	410.6
157.5°	365.3	361.0	356.8	361.0	365.3	366.3	372.7	381.2	385.4	392.0	405.0
160°	369.5	366.2	362.9	366.2	369.5	370.3	375.3	382.0	385.4	391.0	402.2
162.5°	373.8	371.4	369.0	371.4	373.8	374.5	378.1	383.0	385.4	390.1	399.6
165°	379.9	377.7	375.5	377.7	379.9	380.5	382.1	384.3	385.4	388.8	395.6
167.5°	383.6	382.6	381.5	382.6	383.6	383.9	385.3	387.1	388.1	390.2	394.7
170°	387.5	386.5	385.4	386.5	387.5	387.8	387.9	388.0	388.1	390.2	394.7
172.5°	388.0	387.8	387.5	387.8	388.0	388.1	388.1	388.1	388.1	389.8	393.3
175°	390.4	390.4	390.4	390.4	390.4	390.4	389.6	388.6	388.1	389.2	391.4
177.5°	390.4	390.4	390.4	390.4	390.4	390.4	389.8	389.0	388.6	389.5	391.2
180°	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4



TEST NUMBER: P934026  
 CATALOG NUMBER: SQ4-FA-025U-100D-92765-1D-UNV-STD-W-12-3000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5	3653.5
2.5°	3525.6	3515.3	3529.0	3491.0	3529.0	3515.3	3525.6	3549.8	3529.0	3542.9	3556.8
5°	3093.5	3076.3	3021.0	2976.1	3021.0	3076.3	3093.5	3166.2	3200.7	3262.9	3345.9
7.5°	2765.2	2751.4	2737.6	2709.8	2737.6	2751.4	2765.2	2785.9	2820.5	2875.8	2938.1
10°	2692.6	2696.1	2716.8	2713.3	2716.8	2696.1	2692.6	2685.7	2675.3	2685.7	2723.7
12.5°	2879.3	2910.3	3024.4	3017.5	3024.4	2910.3	2879.3	2741.0	2647.7	2630.4	2637.3
15°	3093.5	3103.9	3128.2	3131.6	3128.2	3103.9	3093.5	3038.3	2758.2	2637.3	2599.3
17.5°	3114.3	3117.8	3135.0	3135.0	3135.0	3117.8	3114.3	3090.1	2996.7	2834.3	2620.0
20°	3097.0	3103.9	3138.5	3145.4	3138.5	3103.9	3097.0	3065.9	3014.1	2955.3	2792.9
22.5°	3090.1	3103.9	3131.6	3128.2	3131.6	3103.9	3090.1	3041.7	2996.7	2955.3	2889.7
25°	3055.5	3055.5	3059.0	3062.4	3059.0	3055.5	3055.5	3017.5	2927.7	2917.3	2879.3
27.5°	2983.0	2989.9	3010.6	3007.1	3010.6	2989.9	2983.0	2969.1	2872.3	2862.0	2834.3
30°	2917.3	2910.3	2893.1	2879.3	2893.1	2910.3	2917.3	2896.5	2799.8	2772.1	2779.0
32.5°	2806.6	2789.4	2772.1	2761.7	2772.1	2789.4	2806.6	2799.8	2727.2	2689.2	2696.1
35°	2675.3	2678.8	2675.3	2664.9	2675.3	2678.8	2675.3	2682.2	2637.3	2602.8	2599.3
37.5°	2582.0	2588.9	2585.5	2571.6	2585.5	2588.9	2582.0	2575.1	2512.9	2502.5	2509.5
40°	2485.2	2488.7	2485.2	2474.8	2485.2	2488.7	2485.2	2471.4	2385.0	2388.4	2412.7
42.5°	2391.9	2388.4	2378.0	2371.1	2378.0	2388.4	2391.9	2371.1	2260.6	2250.2	2295.1
45°	2284.7	2288.2	2267.5	2257.1	2267.5	2288.2	2284.7	2271.0	2156.9	2129.2	2160.3
47.5°	2177.6	2177.6	2160.3	2149.9	2160.3	2177.6	2177.6	2160.3	2039.3	2011.7	2029.0
50°	2063.5	2060.1	2035.9	2032.4	2035.9	2060.1	2063.5	2053.1	1925.3	1901.0	1901.0
52.5°	1932.2	1932.2	1935.7	1942.5	1935.7	1932.2	1932.2	1935.7	1821.6	1797.3	1790.5
55°	1818.1	1821.6	1845.7	1852.6	1845.7	1821.6	1818.1	1818.1	1714.4	1690.3	1676.4
57.5°	1700.6	1700.6	1717.9	1717.9	1717.9	1700.6	1700.6	1693.7	1593.5	1572.7	1565.8
60°	1565.8	1572.7	1586.5	1583.1	1586.5	1572.7	1565.8	1558.8	1472.4	1458.7	1434.4
62.5°	1424.0	1431.0	1434.4	1427.5	1434.4	1431.0	1424.0	1403.4	1351.5	1341.1	1310.0
65°	1275.4	1282.3	1285.8	1278.9	1285.8	1282.3	1275.4	1265.1	1227.0	1209.8	1182.1
67.5°	1123.4	1119.9	1116.5	1130.2	1116.5	1119.9	1123.4	1109.6	1085.3	1071.5	1033.4
70°	967.8	967.8	964.4	971.3	964.4	967.8	967.8	957.4	943.6	933.3	898.7
72.5°	801.9	798.4	812.3	801.9	812.3	798.4	801.9	798.4	791.5	781.2	746.6
75°	639.5	646.4	639.5	649.8	639.5	646.4	639.5	642.9	639.5	632.6	608.3
77.5°	487.4	494.3	487.4	487.4	487.4	494.3	487.4	490.8	490.8	490.8	470.1
80°	345.7	342.2	342.2	338.7	342.2	342.2	345.7	345.7	349.1	342.2	335.3
82.5°	221.2	217.7	217.7	224.6	217.7	217.7	221.2	224.6	217.7	217.7	217.7
85°	121.0	124.4	117.6	117.6	117.6	124.4	121.0	114.1	121.0	121.0	117.6
87.5°	44.9	41.5	41.5	41.5	41.5	41.5	44.9	48.4	48.4	48.4	51.9
90°	9.9	9.9	9.9	9.9	9.9	9.9	9.9	13.3	17.7	19.9	17.1
92.5°	49.8	47.8	39.9	32.0	39.9	47.8	49.8	70.5	98.3	112.1	98.5
95°	169.0	163.0	139.0	115.0	139.0	163.0	169.0	221.9	292.5	327.8	276.9
97.5°	390.1	378.7	333.1	287.4	333.1	378.7	390.1	423.6	468.2	490.5	405.6
100°	547.9	534.3	480.0	425.6	480.0	534.3	547.9	545.5	542.2	540.6	446.3
102.5°	682.5	670.9	624.3	577.7	624.3	670.9	682.5	639.9	583.1	554.7	459.1
105°	839.8	833.5	808.5	783.4	808.5	833.5	839.8	744.2	616.8	553.1	460.5
107.5°	921.6	923.0	929.2	935.2	929.2	923.0	921.6	788.2	610.5	521.7	440.0
110°	942.5	949.0	975.1	1001.2	975.1	949.0	942.5	793.5	594.8	495.5	421.9



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	929.2	939.2	979.2	1019.2	979.2	939.2	929.2	776.6	573.4	471.7	406.0
115°	883.8	897.7	953.2	1008.8	953.2	897.7	883.8	736.9	541.0	443.1	387.8
117.5°	821.2	836.6	898.2	959.8	898.2	836.6	821.2	688.6	511.9	423.5	376.5
120°	779.0	794.0	853.8	913.6	853.8	794.0	779.0	657.9	496.3	415.5	372.5
122.5°	736.8	751.5	810.6	869.7	810.6	751.5	736.8	627.7	482.2	409.5	370.5
125°	681.0	694.6	748.9	803.3	748.9	694.6	681.0	588.3	464.7	403.0	369.0
127.5°	636.1	647.7	693.5	739.4	693.5	647.7	636.1	556.6	450.5	397.5	368.0
130°	607.9	618.5	660.9	703.3	660.9	618.5	607.9	537.1	442.6	395.4	368.5
132.5°	583.8	593.3	631.3	669.2	631.3	593.3	583.8	520.4	435.8	393.5	369.0
135°	549.7	557.9	590.6	623.3	590.6	557.9	549.7	496.6	425.8	390.4	368.6
137.5°	524.5	531.2	558.0	584.9	558.0	531.2	524.5	479.6	419.8	389.9	370.9
140°	504.4	510.7	535.7	560.7	535.7	510.7	504.4	465.6	413.9	388.1	371.2
142.5°	490.3	495.7	517.2	538.7	517.2	495.7	490.3	456.2	410.7	388.1	372.5
145°	469.0	473.1	489.4	505.7	489.4	473.1	469.0	441.2	404.0	385.4	372.5
147.5°	451.2	454.6	468.1	481.6	468.1	454.6	451.2	429.3	400.1	385.4	375.1
150°	441.0	443.7	454.7	465.6	454.7	443.7	441.0	422.5	397.8	385.4	376.5
152.5°	432.9	435.0	443.2	451.5	443.2	435.0	432.9	417.1	396.0	385.4	377.3
155°	423.2	424.6	430.0	435.5	430.0	424.6	423.2	410.6	393.8	385.4	379.2
157.5°	414.7	415.7	419.6	423.5	419.6	415.7	414.7	405.0	392.0	385.4	381.2
160°	410.6	411.1	413.3	415.5	413.3	411.1	410.6	402.2	391.0	385.4	382.0
162.5°	406.6	407.2	409.2	411.3	409.2	407.2	406.6	399.6	390.1	385.4	383.0
165°	400.6	401.1	403.4	405.6	403.4	401.1	400.6	395.6	388.8	385.4	384.3
167.5°	398.0	398.3	399.1	400.1	399.1	398.3	398.0	394.7	390.2	388.1	387.1
170°	398.0	398.0	398.0	398.0	398.0	398.0	398.0	394.7	390.2	388.1	388.0
172.5°	395.9	395.7	394.9	394.1	394.9	395.7	395.9	393.3	389.8	388.1	388.1
175°	393.0	393.0	393.0	393.0	393.0	393.0	393.0	391.4	389.2	388.1	388.6
177.5°	392.5	392.2	391.4	390.4	391.4	392.2	392.5	391.2	389.5	388.6	389.0
180°	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4	390.4



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	3653.5	3653.5	3653.5	3653.5	3653.5
2.5°	3608.6	3625.8	3636.2	3650.1	3684.6
5°	3470.3	3536.0	3556.8	3608.6	3670.8
7.5°	3166.2	3366.7	3421.9	3546.4	3643.1
10°	2872.3	3072.8	3169.6	3463.4	3608.6
12.5°	2723.7	2841.3	2906.9	3318.3	3560.2
15°	2630.4	2713.3	2761.7	3124.7	3504.9
17.5°	2557.8	2616.5	2651.2	2934.6	3428.8
20°	2512.9	2540.5	2571.6	2796.3	3342.4
22.5°	2481.7	2464.5	2488.7	2699.6	3224.9
25°	2461.1	2395.4	2423.0	2623.5	3086.7
27.5°	2478.3	2333.1	2343.5	2554.4	2941.5
30°	2481.7	2257.1	2260.6	2481.7	2779.0
32.5°	2457.6	2177.6	2181.0	2391.9	2595.8
35°	2398.8	2084.2	2080.8	2288.2	2347.0
37.5°	2319.3	1984.1	1984.1	2174.2	2073.9
40°	2222.6	1883.8	1894.1	2025.5	1832.0
42.5°	2105.0	1776.6	1790.5	1828.5	1652.2
45°	1977.1	1672.9	1683.3	1545.1	1513.9
47.5°	1835.4	1565.8	1569.2	1282.3	1469.0
50°	1666.0	1455.2	1441.4	1099.2	1465.5
52.5°	1517.4	1334.2	1292.7	995.4	1330.7
55°	1372.2	1206.3	1116.5	916.0	1233.9
57.5°	1244.3	1040.4	954.0	822.7	1213.3
60°	1126.8	878.0	812.3	722.4	1113.0
62.5°	1030.0	757.0	743.1	653.2	1009.3
65°	926.4	674.0	670.6	594.6	857.2
67.5°	826.1	618.7	615.2	539.2	653.2
70°	719.0	559.9	553.0	480.5	483.9
72.5°	608.3	494.3	487.4	432.1	401.0
75°	497.8	418.2	414.7	376.7	324.9
77.5°	390.6	331.8	338.7	304.2	238.5
80°	280.0	242.0	248.9	217.7	179.7
82.5°	186.6	159.0	165.9	138.2	121.0
85°	103.7	89.9	93.3	72.6	55.3
87.5°	48.4	41.5	41.5	27.6	17.3
90°	11.5	7.3	6.8	4.7	2.6
92.5°	71.1	50.6	46.1	28.3	10.5
95°	174.9	98.5	90.3	57.7	25.1
97.5°	235.6	108.2	101.1	72.3	43.5
100°	257.8	116.3	109.8	83.7	57.6
102.5°	267.9	124.4	118.3	94.0	69.7
105°	275.4	136.5	131.3	110.7	90.2
107.5°	276.8	154.4	149.6	130.3	111.1
110°	274.7	164.3	159.9	142.6	125.2



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CATALOG NUMBER: SQ4-FA-025U-100D-92765-1D-UNV-STD-W-12-3000K

**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	274.8	176.3	172.2	155.7	139.2
115°	277.3	194.5	190.6	175.4	160.1
117.5°	282.5	212.0	208.5	194.6	180.8
120°	286.6	222.2	219.0	205.9	192.8
122.5°	292.7	234.2	230.9	217.8	204.7
125°	300.9	249.8	246.8	234.8	222.7
127.5°	309.0	264.7	261.6	249.5	237.4
130°	314.9	274.6	271.4	258.3	245.2
132.5°	319.7	282.7	279.5	266.4	253.4
135°	324.9	292.1	289.2	277.3	265.4
137.5°	332.8	304.2	301.2	289.5	277.7
140°	337.6	312.4	309.7	298.8	287.9
142.5°	341.6	318.4	315.9	305.8	295.8
145°	346.8	327.5	325.4	316.6	307.9
147.5°	354.5	339.0	337.0	328.4	319.9
150°	358.5	345.1	343.1	335.5	327.8
152.5°	361.1	349.0	347.5	341.8	335.9
155°	366.9	357.6	356.6	352.2	347.9
157.5°	372.7	366.3	365.3	361.0	356.8
160°	375.3	370.3	369.5	366.2	362.9
162.5°	378.1	374.5	373.8	371.4	369.0
165°	382.1	380.5	379.9	377.7	375.5
167.5°	385.3	383.9	383.6	382.6	381.5
170°	387.9	387.8	387.5	386.5	385.4
172.5°	388.1	388.1	388.0	387.8	387.5
175°	389.6	390.4	390.4	390.4	390.4
177.5°	389.8	390.4	390.4	390.4	390.4
180°	390.4	390.4	390.4	390.4	390.4



TEST NUMBER: P934026  
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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	15.57	16.77	16.23	17.45	18.24	18.42	19.62	19.08	20.30	21.09
	3H	16.07	17.15	16.75	17.84	18.66	19.80	20.88	20.48	21.57	22.39
	4H	16.28	17.29	16.97	17.99	18.83	20.26	21.28	20.96	21.98	22.81
	6H	16.42	17.35	17.12	18.06	18.91	20.57	21.51	21.28	22.22	23.07
	8H	16.43	17.32	17.15	18.05	18.90	20.66	21.55	21.38	22.28	23.13
	12H	16.41	17.26	17.13	17.98	18.86	20.71	21.56	21.44	22.29	23.17
4H	2H	16.65	17.66	17.35	18.36	19.20	18.87	19.89	19.57	20.59	21.42
	3H	17.71	18.55	18.42	19.29	20.14	20.41	21.26	21.12	22.00	22.85
	4H	18.00	18.77	18.72	19.50	20.39	20.96	21.73	21.69	22.47	23.35
	6H	18.14	18.81	18.89	19.57	20.46	21.35	22.02	22.10	22.78	23.67
	8H	18.15	18.78	18.90	19.54	20.44	21.47	22.09	22.22	22.85	23.75
	12H	18.14	18.70	18.91	19.48	20.39	21.54	22.10	22.32	22.89	23.80
8H	4H	18.48	19.10	19.23	19.86	20.77	21.11	21.73	21.86	22.49	23.40
	6H	18.76	19.27	19.54	20.08	20.98	21.57	22.08	22.35	22.89	23.79
	8H	18.80	19.26	19.59	20.06	20.99	21.73	22.18	22.52	22.99	23.91
	12H	18.80	19.21	19.60	20.00	20.98	21.84	22.25	22.64	23.04	24.02
12H	4H	18.50	19.06	19.27	19.85	20.76	21.09	21.65	21.86	22.44	23.34
	6H	18.82	19.28	19.61	20.08	21.01	21.57	22.03	22.36	22.83	23.75
	8H	18.90	19.31	19.70	20.10	21.08	21.75	22.15	22.54	22.95	23.93