

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: P934028

Luminaire Tested: SQ4-FA-025U-100D-92765-1D-UNV-STD-W-12-4000K

Issue Date: 12/17/2024

Test Information

Test Method: LM-79-2019
Report Number: P934028
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-12-4000K
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I
Lens
Light Source: -
Ballast/Driver: -

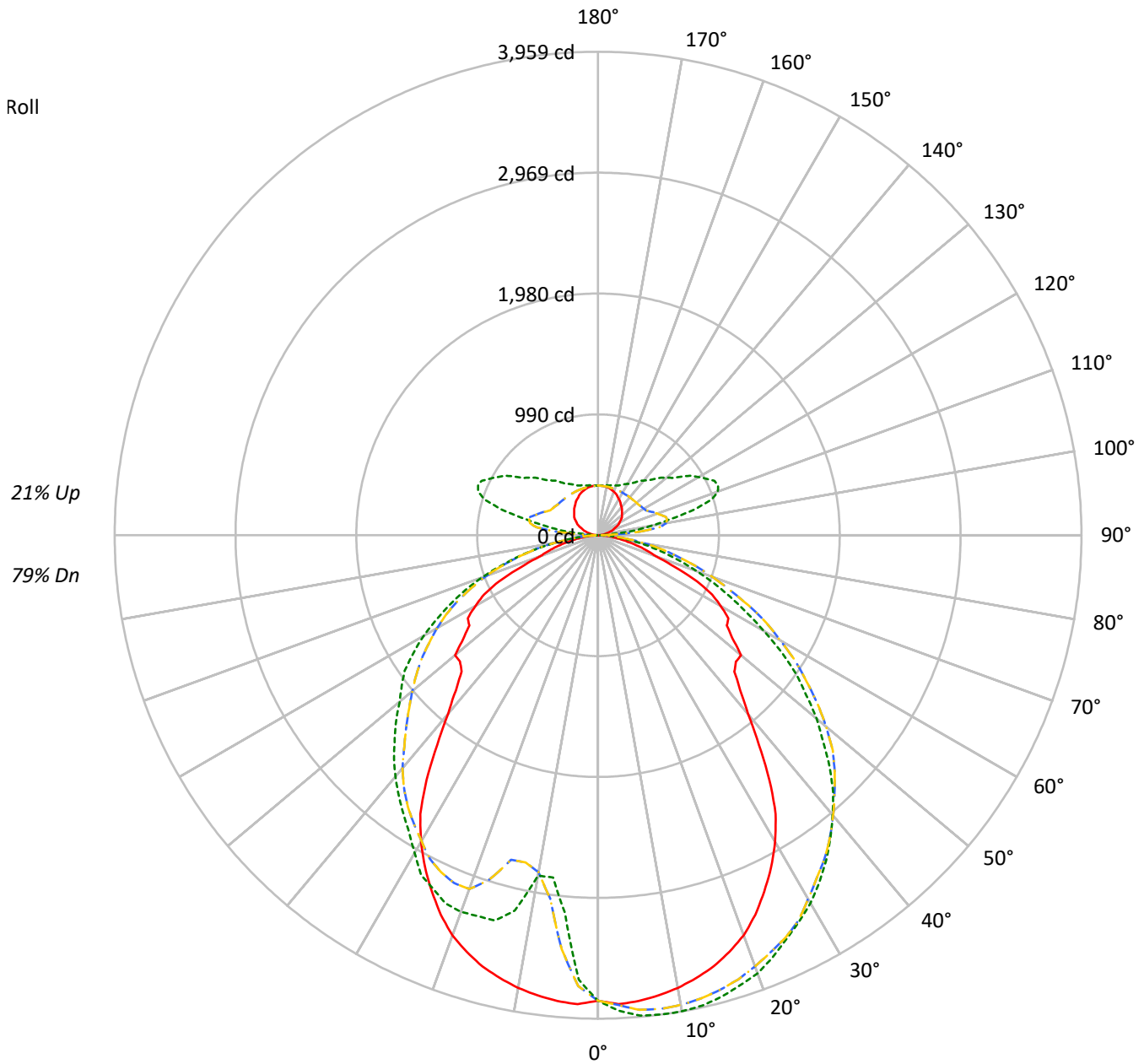
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 12522.9 lumens
Efficiency: N/A
Efficacy: 107.6 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): 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-12-4000K

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

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	11788	11788	11788	11788
5°	11880	11899	11880	9357
10°	11805	11721	11805	8380
15°	11681	11467	11681	9576
20°	11441	11167	11441	9596
25°	10946	10728	10946	9392
30°	10304	10364	10304	8946
35°	9191	9903	9191	8455
40°	7663	9360	7663	8084
45°	6851	8725	6851	7658
50°	7284	7968	7284	7231
55°	6859	7152	6859	6983
60°	7080	6074	7080	6396
65°	6430	5021	6430	5613
70°	4463	4002	4463	4705
75°	3928	2958	3928	3543
80°	3189	1956	3189	2129
85°	1870	1036	1870	881

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 20°
 Vertical Angle: 45°
 Luminance: 10493 cd/sqm



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ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	344.0	2.7
10°-20°	976.8	7.8
20°-30°	1509.9	12.1
30°-40°	1802.5	14.4
40°-50°	1813.0	14.5
50°-60°	1577.6	12.6
60°-70°	1118.5	8.9
70°-80°	591.8	4.7
80°-90°	148.9	1.2
90°-100°	198.5	1.6
100°-110°	521.9	4.2
110°-120°	541.2	4.3
120°-130°	434.1	3.5
130°-140°	340.6	2.7
140°-150°	261.4	2.1
150°-160°	188.3	1.5
160°-170°	115.2	0.9
170°-180°	38.9	0.3
0°-30°	2830.7	22.6
0°-40°	4633.1	37.0
0°-60°	8023.7	64.1
0°-90°	9882.9	78.9
90°-120°	1261.6	10.1
90°-150°	2297.6	18.3
90°-180°	2640.0	21.1
0°-180°	12522.9	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	3811	3811	3811	3811	3811	
5°	3829	3948	3829	3104	3829	363
15°	3656	3912	3656	3267	3656	1029
25°	3220	3649	3220	3194	3220	1478
35°	2448	3256	2448	2780	2448	1515
45°	1579	2682	1579	2354	1579	1265
55°	1287	1980	1287	1932	1287	1183
65°	894	1193	894	1334	894	855
75°	339	566	339	678	339	356
85°	58	144	58	123	58	78
90°	3	10	3	10	3	5
95°	26	120	26	120	26	29
105°	94	817	94	817	94	100
115°	167	1052	167	1052	167	165
125°	232	838	232	838	232	206
135°	277	650	277	650	277	214
145°	321	528	321	528	321	201
155°	363	454	363	454	363	167
165°	392	423	392	423	392	111
175°	407	410	407	410	407	39
180°	407	407	407	407	407	



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CANDELA DISTRIBUTION (FULL):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0
2.5°	3843.5	3843.5	3865.1	3872.3	3872.3	3861.5	3850.7	3861.5	3894.0	3904.8	3901.2
5°	3829.1	3858.0	3897.6	3904.8	3912.0	3908.4	3901.2	3908.4	3944.5	3951.6	3955.3
7.5°	3800.2	3854.3	3904.8	3915.6	3926.4	3915.6	3912.0	3919.3	3955.3	3962.5	3962.5
10°	3764.2	3839.9	3897.6	3904.8	3915.6	3904.8	3904.8	3919.3	3955.3	3962.5	3966.1
12.5°	3713.7	3818.3	3872.3	3879.6	3894.0	3890.3	3886.8	3901.2	3937.3	3944.5	3944.5
15°	3656.0	3778.6	3829.1	3836.3	3861.5	3854.3	3854.3	3868.8	3908.4	3919.3	3915.6
17.5°	3576.7	3728.1	3785.8	3796.6	3814.7	3811.0	3814.7	3829.1	3865.1	3872.3	3876.0
20°	3486.5	3659.7	3728.1	3739.0	3757.0	3757.0	3757.0	3775.0	3811.0	3825.5	3825.5
22.5°	3363.9	3587.5	3659.7	3666.8	3688.5	3688.5	3695.7	3720.9	3753.3	3757.0	3757.0
25°	3219.8	3508.2	3569.5	3591.2	3612.7	3623.5	3634.4	3648.8	3659.7	3656.0	3659.7
27.5°	3068.3	3407.2	3486.5	3501.0	3529.8	3540.7	3555.0	3558.7	3562.2	3573.1	3565.9
30°	2898.8	3266.6	3385.6	3400.0	3446.9	3454.1	3439.7	3446.9	3464.9	3472.2	3479.4
32.5°	2707.7	3057.5	3281.1	3313.4	3356.7	3335.1	3331.5	3342.4	3371.2	3371.2	3378.4
35°	2448.2	2895.3	3183.7	3212.6	3244.9	3219.8	3234.1	3237.8	3255.8	3266.6	3263.0
37.5°	2163.3	2754.7	3082.8	3104.4	3129.6	3097.1	3118.8	3129.6	3144.1	3136.8	3136.8
40°	1911.0	2534.7	2963.8	2978.2	2999.8	2974.6	2996.2	3003.4	3010.6	3003.4	2999.8
42.5°	1723.5	2293.1	2837.5	2855.6	2841.2	2859.2	2866.4	2880.8	2870.0	2855.6	2855.6
45°	1579.2	2228.2	2700.5	2722.2	2700.5	2729.4	2740.2	2740.2	2707.7	2700.5	2697.0
47.5°	1532.4	2098.4	2563.5	2563.5	2552.7	2588.7	2606.8	2581.5	2549.1	2538.3	2538.3
50°	1528.7	1954.2	2376.1	2361.6	2412.1	2455.4	2437.4	2412.1	2386.9	2347.2	2347.2
52.5°	1388.1	1777.5	2134.5	2188.6	2267.9	2293.1	2264.3	2239.1	2195.8	2177.8	2163.3
55°	1287.1	1593.7	1914.5	2022.7	2105.6	2138.1	2084.0	2058.8	1993.8	1983.0	1975.8
57.5°	1265.6	1326.8	1712.7	1849.7	1950.6	1947.0	1914.5	1867.7	1813.5	1802.8	1799.2
60°	1161.0	959.0	1496.3	1658.5	1763.1	1752.3	1723.5	1680.2	1629.7	1622.5	1615.2
62.5°	1052.8	695.9	1251.1	1435.0	1582.9	1579.2	1554.0	1489.1	1453.1	1435.0	1420.6
65°	894.2	584.1	890.5	1193.4	1406.1	1413.4	1359.3	1312.4	1272.8	1251.1	1247.5
67.5°	681.4	475.9	602.1	995.1	1236.7	1229.5	1161.0	1139.3	1088.8	1078.0	1056.5
70°	504.8	317.3	418.3	807.7	1070.8	1052.8	998.7	973.5	926.6	901.4	887.0
72.5°	418.3	256.0	306.5	627.4	901.4	879.7	832.9	804.0	764.4	742.7	728.3
75°	338.9	270.4	234.3	465.1	731.9	717.5	674.2	645.4	612.9	584.1	587.7
77.5°	248.8	252.4	187.5	342.6	580.5	558.9	533.6	497.6	483.1	454.3	454.3
80°	187.5	198.3	140.6	234.3	418.3	418.3	396.6	371.4	346.1	331.7	331.7
82.5°	126.2	126.2	104.5	147.8	284.8	274.0	259.6	252.4	238.0	230.8	230.8
85°	57.7	72.1	64.9	90.1	155.0	162.3	162.3	155.0	151.5	144.2	147.8
87.5°	18.0	32.5	39.7	50.5	79.3	83.0	86.5	86.5	86.5	90.1	90.1
90°	2.7	4.9	7.1	7.6	12.0	17.8	20.7	18.5	13.8	10.4	10.4
92.5°	10.9	29.5	48.1	52.8	74.1	102.7	117.0	102.5	73.6	51.9	49.8
95°	26.2	60.2	94.2	102.8	182.5	288.8	341.9	305.1	231.5	176.3	170.0
97.5°	45.4	75.4	105.4	112.9	245.8	423.1	511.7	488.4	441.9	407.0	395.1
100°	60.1	87.3	114.5	121.3	268.9	465.6	563.9	565.6	569.0	571.5	557.3
102.5°	72.7	98.1	123.4	129.8	279.4	478.9	578.6	608.3	667.5	712.0	699.8
105°	94.1	115.5	137.0	142.4	287.3	480.4	577.0	643.4	776.3	876.0	869.4
107.5°	115.9	135.9	156.0	161.0	288.7	459.0	544.1	636.8	822.2	961.3	962.9
110°	130.6	148.7	166.8	171.4	286.5	440.1	516.9	620.5	827.7	983.1	990.0



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CANDELA DISTRIBUTION (continued):

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	145.2	162.4	179.7	183.9	286.6	423.5	492.0	598.1	810.1	969.2	979.7
115°	167.0	182.9	198.8	202.8	289.3	404.5	462.2	564.3	768.6	921.9	936.4
117.5°	188.6	203.0	217.5	221.1	294.6	392.7	441.7	534.0	718.3	856.6	872.7
120°	201.1	214.8	228.4	231.8	299.0	388.6	433.4	517.7	686.2	812.6	828.2
122.5°	213.5	227.2	240.9	244.3	305.3	386.5	427.2	503.0	654.8	768.6	783.9
125°	232.3	244.9	257.4	260.5	313.8	384.9	420.3	484.7	613.6	710.3	724.5
127.5°	247.6	260.2	272.9	276.1	322.3	383.9	414.6	469.9	580.6	663.6	675.6
130°	255.8	269.4	283.1	286.4	328.5	384.4	412.4	461.7	560.2	634.1	645.2
132.5°	264.3	277.9	291.5	294.9	333.5	384.9	410.5	454.6	542.9	609.0	618.9
135°	276.9	289.3	301.6	304.7	338.9	384.5	407.2	444.2	518.0	573.4	582.0
137.5°	289.7	302.0	314.2	317.3	347.1	386.9	406.7	437.9	500.3	547.1	554.2
140°	300.4	311.6	323.0	325.8	352.1	387.2	404.8	431.7	485.7	526.1	532.7
142.5°	308.5	319.0	329.5	332.1	356.3	388.6	404.8	428.4	475.8	511.4	517.0
145°	321.2	330.3	339.4	341.7	361.8	388.6	402.1	421.4	460.2	489.2	493.5
147.5°	333.7	342.6	351.5	353.7	369.8	391.3	402.1	417.3	447.8	470.6	474.2
150°	341.9	349.9	357.9	359.9	374.0	392.7	402.1	415.0	440.7	460.0	462.8
152.5°	350.4	356.5	362.5	364.0	376.7	393.6	402.1	413.1	435.1	451.5	453.7
155°	362.9	367.4	372.0	373.0	382.7	395.6	402.1	410.8	428.3	441.4	442.9
157.5°	372.2	376.6	381.0	382.1	388.8	397.6	402.1	408.9	422.4	432.6	433.6
160°	378.6	382.0	385.4	386.2	391.5	398.5	402.1	407.9	419.5	428.3	428.8
162.5°	384.9	387.4	390.0	390.6	394.4	399.5	402.1	407.0	416.8	424.2	424.7
165°	391.7	394.0	396.3	396.9	398.6	400.9	402.1	405.6	412.6	417.9	418.4
167.5°	398.0	399.1	400.1	400.4	401.9	403.8	404.8	407.1	411.7	415.2	415.4
170°	402.1	403.2	404.2	404.5	404.6	404.7	404.8	407.1	411.7	415.2	415.2
172.5°	404.2	404.5	404.7	404.8	404.8	404.8	404.8	406.6	410.2	413.0	412.8
175°	407.2	407.2	407.2	407.2	406.4	405.3	404.8	406.0	408.2	410.0	410.0
177.5°	407.2	407.2	407.2	407.2	406.6	405.8	405.3	406.2	408.1	409.4	409.2
180°	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2



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CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0
2.5°	3908.4	3897.6	3908.4	3901.2	3904.8	3894.0	3861.5	3850.7	3861.5	3872.3	3872.3
5°	3955.3	3948.1	3955.3	3955.3	3951.6	3944.5	3908.4	3901.2	3908.4	3912.0	3904.8
7.5°	3969.7	3958.9	3969.7	3962.5	3962.5	3955.3	3919.3	3912.0	3915.6	3926.4	3915.6
10°	3969.7	3958.9	3969.7	3966.1	3962.5	3955.3	3919.3	3904.8	3904.8	3915.6	3904.8
12.5°	3951.6	3944.5	3951.6	3944.5	3944.5	3937.3	3901.2	3886.8	3890.3	3894.0	3879.6
15°	3922.8	3912.0	3922.8	3915.6	3919.3	3908.4	3868.8	3854.3	3854.3	3861.5	3836.3
17.5°	3879.6	3865.1	3879.6	3876.0	3872.3	3865.1	3829.1	3814.7	3811.0	3814.7	3796.6
20°	3829.1	3818.3	3829.1	3825.5	3825.5	3811.0	3775.0	3757.0	3757.0	3757.0	3739.0
22.5°	3749.8	3739.0	3749.8	3757.0	3757.0	3753.3	3720.9	3695.7	3688.5	3688.5	3666.8
25°	3659.7	3648.8	3659.7	3659.7	3656.0	3659.7	3648.8	3634.4	3623.5	3612.7	3591.2
27.5°	3573.1	3565.9	3573.1	3565.9	3573.1	3562.2	3558.7	3555.0	3540.7	3529.8	3501.0
30°	3486.5	3479.4	3486.5	3479.4	3472.2	3464.9	3446.9	3439.7	3454.1	3446.9	3400.0
32.5°	3378.4	3371.2	3378.4	3378.4	3371.2	3371.2	3342.4	3331.5	3335.1	3356.7	3313.4
35°	3266.6	3255.8	3266.6	3263.0	3266.6	3255.8	3237.8	3234.1	3219.8	3244.9	3212.6
37.5°	3136.8	3126.0	3136.8	3136.8	3136.8	3144.1	3129.6	3118.8	3097.1	3129.6	3104.4
40°	3003.4	2989.0	3003.4	2999.8	3003.4	3010.6	3003.4	2996.2	2974.6	2999.8	2978.2
42.5°	2852.0	2848.3	2852.0	2855.6	2855.6	2870.0	2880.8	2866.4	2859.2	2841.2	2855.6
45°	2689.7	2682.5	2689.7	2697.0	2700.5	2707.7	2740.2	2740.2	2729.4	2700.5	2722.2
47.5°	2516.7	2498.7	2516.7	2538.3	2538.3	2549.1	2581.5	2606.8	2588.7	2552.7	2563.5
50°	2332.8	2336.4	2332.8	2347.2	2347.2	2386.9	2412.1	2437.4	2455.4	2412.1	2361.6
52.5°	2152.5	2148.9	2152.5	2163.3	2177.8	2195.8	2239.1	2264.3	2293.1	2267.9	2188.6
55°	1972.2	1979.5	1972.2	1975.8	1983.0	1993.8	2058.8	2084.0	2138.1	2105.6	2022.7
57.5°	1792.0	1781.2	1792.0	1799.2	1802.8	1813.5	1867.7	1914.5	1947.0	1950.6	1849.7
60°	1582.9	1568.4	1582.9	1615.2	1622.5	1629.7	1680.2	1723.5	1752.3	1763.1	1658.5
62.5°	1398.9	1373.7	1398.9	1420.6	1435.0	1453.1	1489.1	1554.0	1579.2	1582.9	1435.0
65°	1204.3	1193.4	1204.3	1247.5	1251.1	1272.8	1312.4	1359.3	1413.4	1406.1	1193.4
67.5°	1027.6	1027.6	1027.6	1056.5	1078.0	1088.8	1139.3	1161.0	1229.5	1236.7	995.1
70°	865.3	861.7	865.3	887.0	901.4	926.6	973.5	998.7	1052.8	1070.8	807.7
72.5°	710.3	706.7	710.3	728.3	742.7	764.4	804.0	832.9	879.7	901.4	627.4
75°	573.3	566.1	573.3	587.7	584.1	612.9	645.4	674.2	717.5	731.9	465.1
77.5°	439.9	439.9	439.9	454.3	454.3	483.1	497.6	533.6	558.9	580.5	342.6
80°	328.1	324.5	328.1	331.7	331.7	346.1	371.4	396.6	418.3	418.3	234.3
82.5°	230.8	223.5	230.8	230.8	230.8	238.0	252.4	259.6	274.0	284.8	147.8
85°	144.2	144.2	144.2	147.8	144.2	151.5	155.0	162.3	162.3	155.0	90.1
87.5°	93.8	90.1	93.8	90.1	90.1	86.5	86.5	86.5	83.0	79.3	50.5
90°	10.4	10.4	10.4	10.4	10.4	13.8	18.5	20.7	17.8	12.0	7.6
92.5°	41.7	33.4	41.7	49.8	51.9	73.6	102.5	117.0	102.7	74.1	52.8
95°	145.0	120.0	145.0	170.0	176.3	231.5	305.1	341.9	288.8	182.5	102.8
97.5°	347.5	299.8	347.5	395.1	407.0	441.9	488.4	511.7	423.1	245.8	112.9
100°	500.7	443.9	500.7	557.3	571.5	569.0	565.6	563.9	465.6	268.9	121.3
102.5°	651.2	602.6	651.2	699.8	712.0	667.5	608.3	578.6	478.9	279.4	129.8
105°	843.3	817.2	843.3	869.4	876.0	776.3	643.4	577.0	480.4	287.3	142.4
107.5°	969.2	975.5	969.2	962.9	961.3	822.2	636.8	544.1	459.0	288.7	161.0
110°	1017.2	1044.4	1017.2	990.0	983.1	827.7	620.5	516.9	440.1	286.5	171.4



TEST NUMBER: P934028

CATALOG NUMBER: SQ4-FA-025U-100D-92765-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	1021.4	1063.2	1021.4	979.7	969.2	810.1	598.1	492.0	423.5	286.6	183.9
115°	994.3	1052.3	994.3	936.4	921.9	768.6	564.3	462.2	404.5	289.3	202.8
117.5°	936.9	1001.1	936.9	872.7	856.6	718.3	534.0	441.7	392.7	294.6	221.1
120°	890.6	953.0	890.6	828.2	812.6	686.2	517.7	433.4	388.6	299.0	231.8
122.5°	845.6	907.2	845.6	783.9	768.6	654.8	503.0	427.2	386.5	305.3	244.3
125°	781.2	838.0	781.2	724.5	710.3	613.6	484.7	420.3	384.9	313.8	260.5
127.5°	723.4	771.3	723.4	675.6	663.6	580.6	469.9	414.6	383.9	322.3	276.1
130°	689.4	733.6	689.4	645.2	634.1	560.2	461.7	412.4	384.4	328.5	286.4
132.5°	658.5	698.1	658.5	618.9	609.0	542.9	454.6	410.5	384.9	333.5	294.9
135°	616.1	650.2	616.1	582.0	573.4	518.0	444.2	407.2	384.5	338.9	304.7
137.5°	582.1	610.1	582.1	554.2	547.1	500.3	437.9	406.7	386.9	347.1	317.3
140°	558.8	584.9	558.8	532.7	526.1	485.7	431.7	404.8	387.2	352.1	325.8
142.5°	539.5	562.0	539.5	517.0	511.4	475.8	428.4	404.8	388.6	356.3	332.1
145°	510.5	527.5	510.5	493.5	489.2	460.2	421.4	402.1	388.6	361.8	341.7
147.5°	488.3	502.4	488.3	474.2	470.6	447.8	417.3	402.1	391.3	369.8	353.7
150°	474.3	485.7	474.3	462.8	460.0	440.7	415.0	402.1	392.7	374.0	359.9
152.5°	462.3	470.9	462.3	453.7	451.5	435.1	413.1	402.1	393.6	376.7	364.0
155°	448.5	454.3	448.5	442.9	441.4	428.3	410.8	402.1	395.6	382.7	373.0
157.5°	437.7	441.7	437.7	433.6	432.6	422.4	408.9	402.1	397.6	388.8	382.1
160°	431.2	433.4	431.2	428.8	428.3	419.5	407.9	402.1	398.5	391.5	386.2
162.5°	426.9	429.1	426.9	424.7	424.2	416.8	407.0	402.1	399.5	394.4	390.6
165°	420.8	423.1	420.8	418.4	417.9	412.6	405.6	402.1	400.9	398.6	396.9
167.5°	416.3	417.3	416.3	415.4	415.2	411.7	407.1	404.8	403.8	401.9	400.4
170°	415.2	415.2	415.2	415.2	415.2	411.7	407.1	404.8	404.7	404.6	404.5
172.5°	411.9	411.1	411.9	412.8	413.0	410.2	406.6	404.8	404.8	404.8	404.8
175°	410.0	410.0	410.0	410.0	410.0	408.2	406.0	404.8	405.3	406.4	407.2
177.5°	408.2	407.2	408.2	409.2	409.4	408.1	406.2	405.3	405.8	406.6	407.2
180°	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2



TEST NUMBER: P934028

CATALOG NUMBER: SQ4-FA-025U-100D-92765-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0
2.5°	3865.1	3843.5	3843.5	3807.5	3793.0	3782.2	3764.2	3710.1	3695.7	3681.2	3702.9
5°	3897.6	3858.0	3829.1	3764.2	3710.1	3688.5	3620.0	3490.2	3403.6	3338.7	3302.7
7.5°	3904.8	3854.3	3800.2	3699.3	3569.5	3511.8	3302.7	3064.7	2999.8	2942.1	2906.0
10°	3897.6	3839.9	3764.2	3612.7	3306.3	3205.3	2996.2	2841.2	2801.5	2790.7	2801.5
12.5°	3872.3	3818.3	3713.7	3461.4	3032.3	2963.8	2841.2	2751.0	2743.8	2761.8	2859.2
15°	3829.1	3778.6	3656.0	3259.4	2880.8	2830.3	2743.8	2711.4	2751.0	2877.2	3169.3
17.5°	3785.8	3728.1	3576.7	3061.1	2765.5	2729.4	2668.1	2733.0	2956.5	3126.0	3223.4
20°	3728.1	3659.7	3486.5	2916.8	2682.5	2650.0	2621.2	2913.3	3082.8	3144.1	3198.1
22.5°	3659.7	3587.5	3363.9	2816.0	2596.0	2570.7	2588.7	3014.3	3082.8	3126.0	3172.9
25°	3569.5	3508.2	3219.8	2736.6	2527.5	2498.7	2567.2	3003.4	3043.1	3053.9	3147.6
27.5°	3486.5	3407.2	3068.3	2664.5	2444.6	2433.7	2585.2	2956.5	2985.4	2996.2	3097.1
30°	3385.6	3266.6	2898.8	2588.7	2358.1	2354.4	2588.7	2898.8	2891.6	2920.5	3021.5
32.5°	3281.1	3057.5	2707.7	2495.0	2275.1	2271.5	2563.5	2812.3	2805.1	2844.8	2920.5
35°	3183.7	2895.3	2448.2	2386.9	2170.6	2174.1	2502.2	2711.4	2715.0	2751.0	2797.9
37.5°	3082.8	2754.7	2163.3	2267.9	2069.6	2069.6	2419.3	2617.7	2610.4	2621.2	2686.2
40°	2963.8	2534.7	1911.0	2112.8	1975.8	1965.0	2318.4	2516.7	2491.4	2487.9	2578.0
42.5°	2837.5	2293.1	1723.5	1907.3	1867.7	1853.2	2195.8	2394.1	2347.2	2358.1	2473.4
45°	2700.5	2228.2	1579.2	1611.7	1755.9	1745.0	2062.3	2253.4	2221.0	2249.9	2368.9
47.5°	2563.5	2098.4	1532.4	1337.6	1636.9	1633.3	1914.5	2116.5	2098.4	2127.3	2253.4
50°	2376.1	1954.2	1528.7	1146.6	1503.5	1517.9	1737.9	1983.0	1983.0	2008.3	2141.6
52.5°	2134.5	1777.5	1388.1	1038.4	1348.4	1391.7	1582.9	1867.7	1874.9	1900.1	2019.1
55°	1914.5	1593.7	1287.1	955.5	1164.6	1258.3	1431.4	1748.7	1763.1	1788.3	1896.5
57.5°	1712.7	1326.8	1265.6	858.2	995.1	1085.3	1298.0	1633.3	1640.5	1662.2	1766.7
60°	1496.3	959.0	1161.0	753.5	847.3	915.8	1175.4	1496.3	1521.5	1535.9	1626.1
62.5°	1251.1	695.9	1052.8	681.4	775.2	789.7	1074.5	1366.5	1398.9	1409.8	1463.9
65°	890.5	584.1	894.2	620.2	699.5	703.1	966.3	1233.1	1261.9	1280.0	1319.6
67.5°	602.1	475.9	681.4	562.4	641.7	645.4	861.7	1078.0	1117.7	1132.1	1157.4
70°	418.3	317.3	504.8	501.2	576.9	584.1	750.0	937.5	973.5	984.3	998.7
72.5°	306.5	256.0	418.3	450.7	508.4	515.6	634.6	778.8	814.9	825.7	832.9
75°	234.3	270.4	338.9	393.0	432.6	436.3	519.2	634.6	659.9	667.0	670.6
77.5°	187.5	252.4	248.8	317.3	353.3	346.1	407.4	490.4	511.9	511.9	511.9
80°	140.6	198.3	187.5	227.1	259.6	252.4	292.1	349.8	356.9	364.1	360.6
82.5°	104.5	126.2	126.2	144.2	173.1	165.8	194.7	227.1	227.1	227.1	234.3
85°	64.9	72.1	57.7	75.7	97.3	93.8	108.2	122.6	126.2	126.2	119.0
87.5°	39.7	32.5	18.0	28.8	43.3	43.3	50.5	54.1	50.5	50.5	50.5
90°	7.1	4.9	2.7	4.9	7.1	7.6	12.0	17.8	20.7	18.5	13.8
92.5°	48.1	29.5	10.9	29.5	48.1	52.8	74.1	102.7	117.0	102.5	73.6
95°	94.2	60.2	26.2	60.2	94.2	102.8	182.5	288.8	341.9	305.1	231.5
97.5°	105.4	75.4	45.4	75.4	105.4	112.9	245.8	423.1	511.7	488.4	441.9
100°	114.5	87.3	60.1	87.3	114.5	121.3	268.9	465.6	563.9	565.6	569.0
102.5°	123.4	98.1	72.7	98.1	123.4	129.8	279.4	478.9	578.6	608.3	667.5
105°	137.0	115.5	94.1	115.5	137.0	142.4	287.3	480.4	577.0	643.4	776.3
107.5°	156.0	135.9	115.9	135.9	156.0	161.0	288.7	459.0	544.1	636.8	822.2
110°	166.8	148.7	130.6	148.7	166.8	171.4	286.5	440.1	516.9	620.5	827.7



TEST NUMBER: P934028

CATALOG NUMBER: SQ4-FA-025U-100D-92765-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	179.7	162.4	145.2	162.4	179.7	183.9	286.6	423.5	492.0	598.1	810.1
115°	198.8	182.9	167.0	182.9	198.8	202.8	289.3	404.5	462.2	564.3	768.6
117.5°	217.5	203.0	188.6	203.0	217.5	221.1	294.6	392.7	441.7	534.0	718.3
120°	228.4	214.8	201.1	214.8	228.4	231.8	299.0	388.6	433.4	517.7	686.2
122.5°	240.9	227.2	213.5	227.2	240.9	244.3	305.3	386.5	427.2	503.0	654.8
125°	257.4	244.9	232.3	244.9	257.4	260.5	313.8	384.9	420.3	484.7	613.6
127.5°	272.9	260.2	247.6	260.2	272.9	276.1	322.3	383.9	414.6	469.9	580.6
130°	283.1	269.4	255.8	269.4	283.1	286.4	328.5	384.4	412.4	461.7	560.2
132.5°	291.5	277.9	264.3	277.9	291.5	294.9	333.5	384.9	410.5	454.6	542.9
135°	301.6	289.3	276.9	289.3	301.6	304.7	338.9	384.5	407.2	444.2	518.0
137.5°	314.2	302.0	289.7	302.0	314.2	317.3	347.1	386.9	406.7	437.9	500.3
140°	323.0	311.6	300.4	311.6	323.0	325.8	352.1	387.2	404.8	431.7	485.7
142.5°	329.5	319.0	308.5	319.0	329.5	332.1	356.3	388.6	404.8	428.4	475.8
145°	339.4	330.3	321.2	330.3	339.4	341.7	361.8	388.6	402.1	421.4	460.2
147.5°	351.5	342.6	333.7	342.6	351.5	353.7	369.8	391.3	402.1	417.3	447.8
150°	357.9	349.9	341.9	349.9	357.9	359.9	374.0	392.7	402.1	415.0	440.7
152.5°	362.5	356.5	350.4	356.5	362.5	364.0	376.7	393.6	402.1	413.1	435.1
155°	372.0	367.4	362.9	367.4	372.0	373.0	382.7	395.6	402.1	410.8	428.3
157.5°	381.0	376.6	372.2	376.6	381.0	382.1	388.8	397.6	402.1	408.9	422.4
160°	385.4	382.0	378.6	382.0	385.4	386.2	391.5	398.5	402.1	407.9	419.5
162.5°	390.0	387.4	384.9	387.4	390.0	390.6	394.4	399.5	402.1	407.0	416.8
165°	396.3	394.0	391.7	394.0	396.3	396.9	398.6	400.9	402.1	405.6	412.6
167.5°	400.1	399.1	398.0	399.1	400.1	400.4	401.9	403.8	404.8	407.1	411.7
170°	404.2	403.2	402.1	403.2	404.2	404.5	404.6	404.7	404.8	407.1	411.7
172.5°	404.7	404.5	404.2	404.5	404.7	404.8	404.8	404.8	404.8	406.6	410.2
175°	407.2	407.2	407.2	407.2	407.2	407.2	406.4	405.3	404.8	406.0	408.2
177.5°	407.2	407.2	407.2	407.2	407.2	407.2	406.6	405.8	405.3	406.2	408.1
180°	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2



TEST NUMBER: P934028

CATALOG NUMBER: SQ4-FA-025U-100D-92765-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0	3811.0
2.5°	3677.7	3666.8	3681.2	3641.5	3681.2	3666.8	3677.7	3702.9	3681.2	3695.7	3710.1
5°	3226.9	3208.9	3151.3	3104.4	3151.3	3208.9	3226.9	3302.7	3338.7	3403.6	3490.2
7.5°	2884.5	2870.0	2855.6	2826.7	2855.6	2870.0	2884.5	2906.0	2942.1	2999.8	3064.7
10°	2808.7	2812.3	2834.0	2830.3	2834.0	2812.3	2808.7	2801.5	2790.7	2801.5	2841.2
12.5°	3003.4	3035.8	3154.8	3147.6	3154.8	3035.8	3003.4	2859.2	2761.8	2743.8	2751.0
15°	3226.9	3237.8	3263.0	3266.6	3263.0	3237.8	3226.9	3169.3	2877.2	2751.0	2711.4
17.5°	3248.6	3252.2	3270.2	3270.2	3270.2	3252.2	3248.6	3223.4	3126.0	2956.5	2733.0
20°	3230.6	3237.8	3273.8	3281.1	3273.8	3237.8	3230.6	3198.1	3144.1	3082.8	2913.3
22.5°	3223.4	3237.8	3266.6	3263.0	3266.6	3237.8	3223.4	3172.9	3126.0	3082.8	3014.3
25°	3187.3	3187.3	3190.9	3194.5	3190.9	3187.3	3187.3	3147.6	3053.9	3043.1	3003.4
27.5°	3111.6	3118.8	3140.4	3136.8	3140.4	3118.8	3111.6	3097.1	2996.2	2985.4	2956.5
30°	3043.1	3035.8	3017.8	3003.4	3017.8	3035.8	3043.1	3021.5	2920.5	2891.6	2898.8
32.5°	2927.7	2909.7	2891.6	2880.8	2891.6	2909.7	2927.7	2920.5	2844.8	2805.1	2812.3
35°	2790.7	2794.3	2790.7	2779.9	2790.7	2794.3	2790.7	2797.9	2751.0	2715.0	2711.4
37.5°	2693.3	2700.5	2697.0	2682.5	2697.0	2700.5	2693.3	2686.2	2621.2	2610.4	2617.7
40°	2592.4	2596.0	2592.4	2581.5	2592.4	2596.0	2592.4	2578.0	2487.9	2491.4	2516.7
42.5°	2495.0	2491.4	2480.6	2473.4	2480.6	2491.4	2495.0	2473.4	2358.1	2347.2	2394.1
45°	2383.2	2386.9	2365.2	2354.4	2365.2	2386.9	2383.2	2368.9	2249.9	2221.0	2253.4
47.5°	2271.5	2271.5	2253.4	2242.6	2253.4	2271.5	2271.5	2253.4	2127.3	2098.4	2116.5
50°	2152.5	2148.9	2123.6	2120.1	2123.6	2148.9	2152.5	2141.6	2008.3	1983.0	1983.0
52.5°	2015.5	2015.5	2019.1	2026.3	2019.1	2015.5	2015.5	2019.1	1900.1	1874.9	1867.7
55°	1896.5	1900.1	1925.3	1932.5	1925.3	1900.1	1896.5	1896.5	1788.3	1763.1	1748.7
57.5°	1773.9	1773.9	1792.0	1792.0	1792.0	1773.9	1773.9	1766.7	1662.2	1640.5	1633.3
60°	1633.3	1640.5	1654.9	1651.4	1654.9	1640.5	1633.3	1626.1	1535.9	1521.5	1496.3
62.5°	1485.4	1492.7	1496.3	1489.1	1496.3	1492.7	1485.4	1463.9	1409.8	1398.9	1366.5
65°	1330.4	1337.6	1341.3	1334.1	1341.3	1337.6	1330.4	1319.6	1280.0	1261.9	1233.1
67.5°	1171.8	1168.2	1164.6	1179.0	1164.6	1168.2	1171.8	1157.4	1132.1	1117.7	1078.0
70°	1009.5	1009.5	1006.0	1013.2	1006.0	1009.5	1009.5	998.7	984.3	973.5	937.5
72.5°	836.5	832.9	847.3	836.5	847.3	832.9	836.5	832.9	825.7	814.9	778.8
75°	667.0	674.2	667.0	677.9	667.0	674.2	667.0	670.6	667.0	659.9	634.6
77.5°	508.4	515.6	508.4	508.4	508.4	515.6	508.4	511.9	511.9	511.9	490.4
80°	360.6	356.9	356.9	353.3	356.9	356.9	360.6	360.6	364.1	356.9	349.8
82.5°	230.8	227.1	227.1	234.3	227.1	227.1	230.8	234.3	227.1	227.1	227.1
85°	126.2	129.8	122.6	122.6	122.6	129.8	126.2	119.0	126.2	126.2	122.6
87.5°	46.8	43.3	43.3	43.3	43.3	43.3	46.8	50.5	50.5	50.5	54.1
90°	10.4	10.4	10.4	10.4	10.4	10.4	10.4	13.8	18.5	20.7	17.8
92.5°	51.9	49.8	41.7	33.4	41.7	49.8	51.9	73.6	102.5	117.0	102.7
95°	176.3	170.0	145.0	120.0	145.0	170.0	176.3	231.5	305.1	341.9	288.8
97.5°	407.0	395.1	347.5	299.8	347.5	395.1	407.0	441.9	488.4	511.7	423.1
100°	571.5	557.3	500.7	443.9	500.7	557.3	571.5	569.0	565.6	563.9	465.6
102.5°	712.0	699.8	651.2	602.6	651.2	699.8	712.0	667.5	608.3	578.6	478.9
105°	876.0	869.4	843.3	817.2	843.3	869.4	876.0	776.3	643.4	577.0	480.4
107.5°	961.3	962.9	969.2	975.5	969.2	962.9	961.3	822.2	636.8	544.1	459.0
110°	983.1	990.0	1017.2	1044.4	1017.2	990.0	983.1	827.7	620.5	516.9	440.1



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CANDELA DISTRIBUTION (continued):

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	969.2	979.7	1021.4	1063.2	1021.4	979.7	969.2	810.1	598.1	492.0	423.5
115°	921.9	936.4	994.3	1052.3	994.3	936.4	921.9	768.6	564.3	462.2	404.5
117.5°	856.6	872.7	936.9	1001.1	936.9	872.7	856.6	718.3	534.0	441.7	392.7
120°	812.6	828.2	890.6	953.0	890.6	828.2	812.6	686.2	517.7	433.4	388.6
122.5°	768.6	783.9	845.6	907.2	845.6	783.9	768.6	654.8	503.0	427.2	386.5
125°	710.3	724.5	781.2	838.0	781.2	724.5	710.3	613.6	484.7	420.3	384.9
127.5°	663.6	675.6	723.4	771.3	723.4	675.6	663.6	580.6	469.9	414.6	383.9
130°	634.1	645.2	689.4	733.6	689.4	645.2	634.1	560.2	461.7	412.4	384.4
132.5°	609.0	618.9	658.5	698.1	658.5	618.9	609.0	542.9	454.6	410.5	384.9
135°	573.4	582.0	616.1	650.2	616.1	582.0	573.4	518.0	444.2	407.2	384.5
137.5°	547.1	554.2	582.1	610.1	582.1	554.2	547.1	500.3	437.9	406.7	386.9
140°	526.1	532.7	558.8	584.9	558.8	532.7	526.1	485.7	431.7	404.8	387.2
142.5°	511.4	517.0	539.5	562.0	539.5	517.0	511.4	475.8	428.4	404.8	388.6
145°	489.2	493.5	510.5	527.5	510.5	493.5	489.2	460.2	421.4	402.1	388.6
147.5°	470.6	474.2	488.3	502.4	488.3	474.2	470.6	447.8	417.3	402.1	391.3
150°	460.0	462.8	474.3	485.7	474.3	462.8	460.0	440.7	415.0	402.1	392.7
152.5°	451.5	453.7	462.3	470.9	462.3	453.7	451.5	435.1	413.1	402.1	393.6
155°	441.4	442.9	448.5	454.3	448.5	442.9	441.4	428.3	410.8	402.1	395.6
157.5°	432.6	433.6	437.7	441.7	437.7	433.6	432.6	422.4	408.9	402.1	397.6
160°	428.3	428.8	431.2	433.4	431.2	428.8	428.3	419.5	407.9	402.1	398.5
162.5°	424.2	424.7	426.9	429.1	426.9	424.7	424.2	416.8	407.0	402.1	399.5
165°	417.9	418.4	420.8	423.1	420.8	418.4	417.9	412.6	405.6	402.1	400.9
167.5°	415.2	415.4	416.3	417.3	416.3	415.4	415.2	411.7	407.1	404.8	403.8
170°	415.2	415.2	415.2	415.2	415.2	415.2	415.2	411.7	407.1	404.8	404.7
172.5°	413.0	412.8	411.9	411.1	411.9	412.8	413.0	410.2	406.6	404.8	404.8
175°	410.0	410.0	410.0	410.0	410.0	410.0	410.0	408.2	406.0	404.8	405.3
177.5°	409.4	409.2	408.2	407.2	408.2	409.2	409.4	408.1	406.2	405.3	405.8
180°	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2	407.2



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CATALOG NUMBER: SQ4-FA-025U-100D-92765-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
0°	3811.0	3811.0	3811.0	3811.0	3811.0
2.5°	3764.2	3782.2	3793.0	3807.5	3843.5
5°	3620.0	3688.5	3710.1	3764.2	3829.1
7.5°	3302.7	3511.8	3569.5	3699.3	3800.2
10°	2996.2	3205.3	3306.3	3612.7	3764.2
12.5°	2841.2	2963.8	3032.3	3461.4	3713.7
15°	2743.8	2830.3	2880.8	3259.4	3656.0
17.5°	2668.1	2729.4	2765.5	3061.1	3576.7
20°	2621.2	2650.0	2682.5	2916.8	3486.5
22.5°	2588.7	2570.7	2596.0	2816.0	3363.9
25°	2567.2	2498.7	2527.5	2736.6	3219.8
27.5°	2585.2	2433.7	2444.6	2664.5	3068.3
30°	2588.7	2354.4	2358.1	2588.7	2898.8
32.5°	2563.5	2271.5	2275.1	2495.0	2707.7
35°	2502.2	2174.1	2170.6	2386.9	2448.2
37.5°	2419.3	2069.6	2069.6	2267.9	2163.3
40°	2318.4	1965.0	1975.8	2112.8	1911.0
42.5°	2195.8	1853.2	1867.7	1907.3	1723.5
45°	2062.3	1745.0	1755.9	1611.7	1579.2
47.5°	1914.5	1633.3	1636.9	1337.6	1532.4
50°	1737.9	1517.9	1503.5	1146.6	1528.7
52.5°	1582.9	1391.7	1348.4	1038.4	1388.1
55°	1431.4	1258.3	1164.6	955.5	1287.1
57.5°	1298.0	1085.3	995.1	858.2	1265.6
60°	1175.4	915.8	847.3	753.5	1161.0
62.5°	1074.5	789.7	775.2	681.4	1052.8
65°	966.3	703.1	699.5	620.2	894.2
67.5°	861.7	645.4	641.7	562.4	681.4
70°	750.0	584.1	576.9	501.2	504.8
72.5°	634.6	515.6	508.4	450.7	418.3
75°	519.2	436.3	432.6	393.0	338.9
77.5°	407.4	346.1	353.3	317.3	248.8
80°	292.1	252.4	259.6	227.1	187.5
82.5°	194.7	165.8	173.1	144.2	126.2
85°	108.2	93.8	97.3	75.7	57.7
87.5°	50.5	43.3	43.3	28.8	18.0
90°	12.0	7.6	7.1	4.9	2.7
92.5°	74.1	52.8	48.1	29.5	10.9
95°	182.5	102.8	94.2	60.2	26.2
97.5°	245.8	112.9	105.4	75.4	45.4
100°	268.9	121.3	114.5	87.3	60.1
102.5°	279.4	129.8	123.4	98.1	72.7
105°	287.3	142.4	137.0	115.5	94.1
107.5°	288.7	161.0	156.0	135.9	115.9
110°	286.5	171.4	166.8	148.7	130.6



TEST NUMBER: P934028
 CATALOG NUMBER: SQ4-FA-025U-100D-92765-1D-UNV-STD-W-12-4000K

CANDELA DISTRIBUTION (continued):

	330°	337.5°	340°	350°	360°
112.5°	286.6	183.9	179.7	162.4	145.2
115°	289.3	202.8	198.8	182.9	167.0
117.5°	294.6	221.1	217.5	203.0	188.6
120°	299.0	231.8	228.4	214.8	201.1
122.5°	305.3	244.3	240.9	227.2	213.5
125°	313.8	260.5	257.4	244.9	232.3
127.5°	322.3	276.1	272.9	260.2	247.6
130°	328.5	286.4	283.1	269.4	255.8
132.5°	333.5	294.9	291.5	277.9	264.3
135°	338.9	304.7	301.6	289.3	276.9
137.5°	347.1	317.3	314.2	302.0	289.7
140°	352.1	325.8	323.0	311.6	300.4
142.5°	356.3	332.1	329.5	319.0	308.5
145°	361.8	341.7	339.4	330.3	321.2
147.5°	369.8	353.7	351.5	342.6	333.7
150°	374.0	359.9	357.9	349.9	341.9
152.5°	376.7	364.0	362.5	356.5	350.4
155°	382.7	373.0	372.0	367.4	362.9
157.5°	388.8	382.1	381.0	376.6	372.2
160°	391.5	386.2	385.4	382.0	378.6
162.5°	394.4	390.6	390.0	387.4	384.9
165°	398.6	396.9	396.3	394.0	391.7
167.5°	401.9	400.4	400.1	399.1	398.0
170°	404.6	404.5	404.2	403.2	402.1
172.5°	404.8	404.8	404.7	404.5	404.2
175°	406.4	407.2	407.2	407.2	407.2
177.5°	406.6	407.2	407.2	407.2	407.2
180°	407.2	407.2	407.2	407.2	407.2



TEST NUMBER: P934028
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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	15.72	16.92	16.38	17.60	18.38	18.57	19.77	19.23	20.45	21.23
	3H	16.22	17.30	16.90	17.99	18.81	19.95	21.02	20.62	21.71	22.53
	4H	16.43	17.44	17.12	18.14	18.98	20.41	21.43	21.11	22.13	22.96
	6H	16.56	17.50	17.27	18.21	19.06	20.72	21.66	21.43	22.37	23.21
	8H	16.57	17.47	17.29	18.20	19.05	20.80	21.70	21.52	22.43	23.28
	12H	16.55	17.41	17.28	18.13	19.01	20.86	21.71	21.58	22.43	23.31
4H	2H	16.80	17.81	17.49	18.51	19.35	19.02	20.03	19.72	20.73	21.57
	3H	17.85	18.70	18.56	19.44	20.29	20.56	21.41	21.27	22.14	23.00
	4H	18.14	18.91	18.87	19.65	20.53	21.11	21.88	21.83	22.61	23.50
	6H	18.29	18.95	19.03	19.72	20.61	21.50	22.16	22.24	22.93	23.82
	8H	18.30	18.92	19.05	19.68	20.59	21.61	22.24	22.37	23.00	23.90
	12H	18.28	18.84	19.06	19.63	20.54	21.69	22.25	22.46	23.03	23.94
8H	4H	18.63	19.25	19.38	20.01	20.91	21.26	21.88	22.01	22.64	23.54
	6H	18.90	19.42	19.68	20.22	21.13	21.71	22.23	22.49	23.03	23.94
	8H	18.95	19.41	19.74	20.21	21.13	21.87	22.33	22.67	23.14	24.06
	12H	18.95	19.35	19.74	20.15	21.13	21.99	22.40	22.78	23.19	24.17
12H	4H	18.65	19.21	19.42	19.99	20.90	21.24	21.80	22.01	22.58	23.49
	6H	18.97	19.43	19.76	20.23	21.15	21.71	22.17	22.51	22.98	23.90
	8H	19.05	19.46	19.84	20.25	21.23	21.89	22.30	22.69	23.09	24.07