

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: P934167

Luminaire Tested: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-4000K

Issue Date: 12/17/2024

**Test Information**

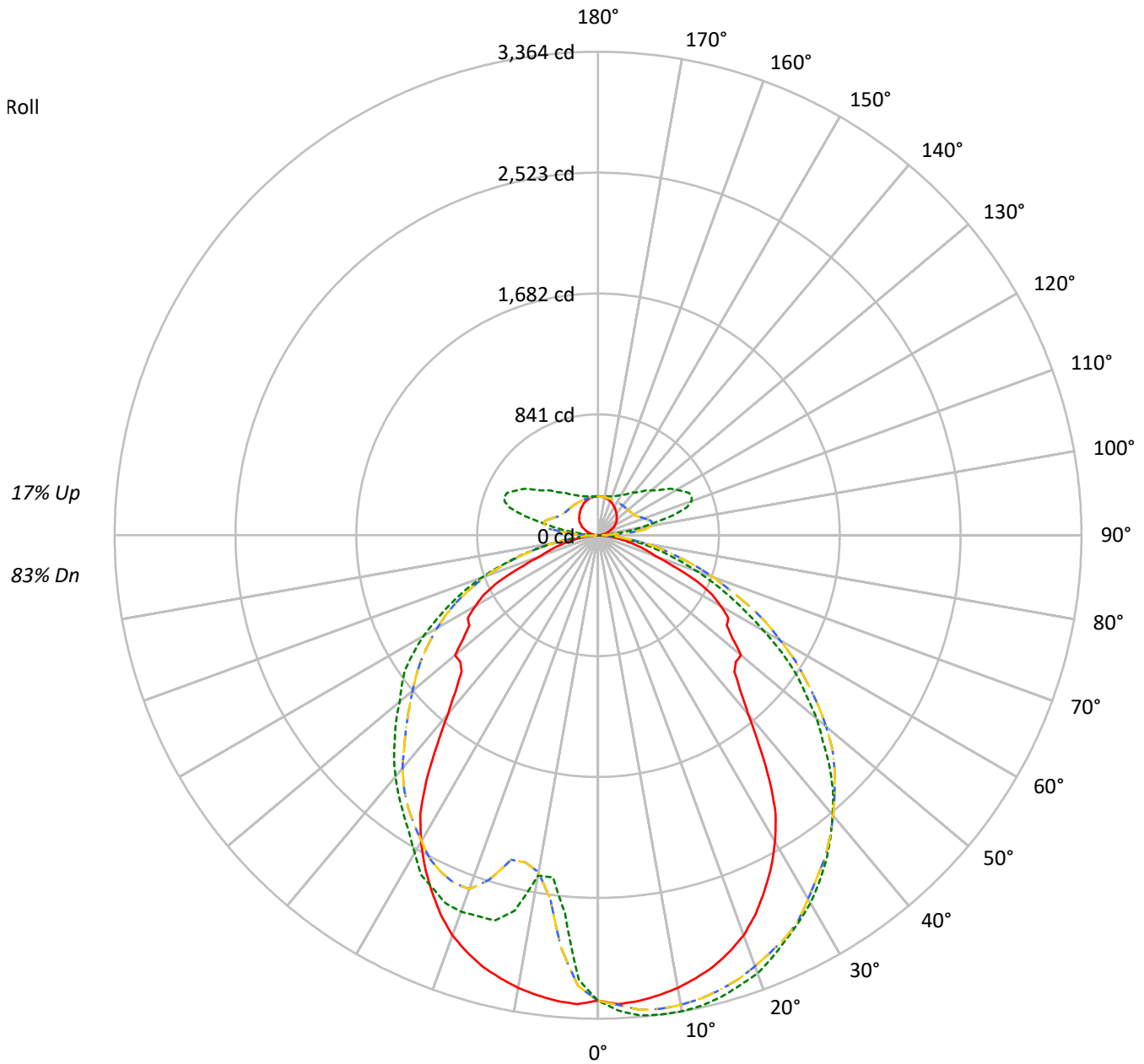
Test Method: LM-79-2019  
Report Number: P934167  
REPORT IS A COMBINATION OF REPORTS P933688 AND P933786  
Test Lab: INNOVATION CENTER  
Issue Date: 12/17/2024  
Manufacturer: COOPER LIGHTING SOLUTIONS  
Product Line: CORELITE  
Catalog Number: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-4000K  
Description: CORELITE SQ4 SUSPENDED INDIRECT LED LUMINAIRE WITH Asymmetric Frosted Continuous I  
Lens  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 10147.8 lumens  
Efficiency: N/A  
Efficacy: 102.3 lumens/watt  
Spacing Criteria (0/90/45): 1.14 / 1.26 / 1.36  
Luminous Opening: Rectangular w/ Sides (W: 0.29' x L: 8' x H: 0.1')  
CIE Type: Semi-Direct  
  
Input Watts (W): 99.2  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 24 FT

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CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-4000K

### 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	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°	15023	15023	15023	15023
5°	15135	15165	15135	11924
10°	15034	14938	15034	10680
15°	14870	14614	14870	12203
20°	14559	14231	14559	12229
25°	13923	13672	13923	11970
30°	13100	13207	13100	11401
35°	11679	12620	11679	10775
40°	9731	11929	9731	10303
45°	8695	11120	8695	9759
50°	9237	10155	9237	9215
55°	8691	9115	8691	8899
60°	8959	7742	8959	8151
65°	8122	6400	8122	7153
70°	5625	5100	5625	5996
75°	4931	3770	4931	4514
80°	3975	2492	3975	2714
85°	2282	1321	2282	1123

**MAXIMUM LUMINANCE 45°-90°:**

Horizontal Angle: 20°  
 Vertical Angle: 45°  
 Luminance: 13326 cd/sqm



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	292.3	2.9
10°-20°	829.9	8.2
20°-30°	1282.8	12.6
30°-40°	1531.4	15.1
40°-50°	1540.4	15.2
50°-60°	1340.3	13.2
60°-70°	950.3	9.4
70°-80°	502.8	5.0
80°-90°	126.3	1.2
90°-100°	131.7	1.3
100°-110°	346.2	3.4
110°-120°	359.0	3.5
120°-130°	288.0	2.8
130°-140°	225.9	2.2
140°-150°	173.4	1.7
150°-160°	124.9	1.2
160°-170°	76.4	0.8
170°-180°	25.8	0.3
0°-30°	2405.0	23.7
0°-40°	3936.4	38.8
0°-60°	6817.1	67.2
0°-90°	8396.4	82.7
90°-120°	836.9	8.2
90°-150°	1524.3	15.0
90°-180°	1751.0	17.3
0°-180°	10147.8	100.0

**CANDELA DISTRIBUTION:**

	0°	90°	180°	270°	360°	Flux
0°	3238	3238	3238	3238	3238	
5°	3253	3354	3253	2638	3253	309
15°	3106	3324	3106	2775	3106	874
25°	2736	3100	2736	2714	2736	1256
35°	2080	2766	2080	2362	2080	1287
45°	1342	2279	1342	2000	1342	1075
55°	1094	1682	1094	1642	1094	1005
65°	760	1014	760	1133	760	726
75°	288	481	288	576	288	303
85°	49	123	49	104	49	66
90°	2	7	2	7	2	4
95°	17	80	17	80	17	19
105°	62	542	62	542	62	66
115°	111	698	111	698	111	109
125°	154	556	154	556	154	137
135°	184	431	184	431	184	142
145°	213	350	213	350	213	133
155°	241	301	241	301	241	111
165°	260	281	260	281	260	73
175°	270	272	270	272	270	26
180°	270	270	270	270	270	



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**CANDELA DISTRIBUTION (FULL):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
0°	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9
2.5°	3265.5	3265.5	3283.8	3290.0	3290.0	3280.8	3271.6	3280.8	3308.4	3317.6	3314.5
5°	3253.2	3277.8	3311.4	3317.6	3323.7	3320.7	3314.5	3320.7	3351.3	3357.4	3360.5
7.5°	3228.7	3274.7	3317.6	3326.7	3336.0	3326.7	3323.7	3329.8	3360.5	3366.6	3366.6
10°	3198.1	3262.5	3311.4	3317.6	3326.7	3317.6	3317.6	3329.8	3360.5	3366.6	3369.6
12.5°	3155.2	3244.0	3290.0	3296.1	3308.4	3305.3	3302.3	3314.5	3345.1	3351.3	3351.3
15°	3106.2	3210.3	3253.2	3259.4	3280.8	3274.7	3274.7	3286.9	3320.7	3329.8	3326.7
17.5°	3038.8	3167.4	3216.5	3225.6	3241.0	3237.9	3241.0	3253.2	3283.8	3290.0	3293.1
20°	2962.2	3109.2	3167.4	3176.7	3192.0	3192.0	3192.0	3207.3	3237.9	3250.2	3250.2
22.5°	2858.0	3048.0	3109.2	3115.4	3133.8	3133.8	3139.9	3161.4	3188.9	3192.0	3192.0
25°	2735.6	2980.6	3032.7	3051.0	3069.4	3078.6	3087.9	3100.1	3109.2	3106.2	3109.2
27.5°	2606.9	2894.8	2962.2	2974.4	2999.0	3008.2	3020.4	3023.5	3026.6	3035.7	3029.6
30°	2462.9	2775.4	2876.4	2888.7	2928.6	2934.6	2922.4	2928.6	2943.9	2950.0	2956.1
32.5°	2300.6	2597.7	2787.6	2815.2	2852.0	2833.6	2830.5	2839.7	2864.2	2864.2	2870.4
35°	2080.0	2459.9	2704.9	2729.4	2756.9	2735.6	2747.8	2750.9	2766.2	2775.4	2772.3
37.5°	1838.0	2340.4	2619.2	2637.5	2659.0	2631.4	2649.8	2659.0	2671.2	2665.1	2665.1
40°	1623.6	2153.5	2518.1	2530.3	2548.7	2527.2	2545.6	2551.7	2557.9	2551.7	2548.7
42.5°	1464.3	1948.3	2410.8	2426.1	2413.9	2429.2	2435.3	2447.6	2438.4	2426.1	2426.1
45°	1341.7	1893.1	2294.4	2312.8	2294.4	2318.9	2328.2	2328.2	2300.6	2294.4	2291.3
47.5°	1301.9	1782.8	2178.0	2178.0	2168.9	2199.5	2214.7	2193.3	2165.8	2156.5	2156.5
50°	1298.8	1660.3	2018.7	2006.5	2049.4	2086.1	2070.8	2049.4	2027.9	1994.3	1994.3
52.5°	1179.3	1510.2	1813.5	1859.5	1926.8	1948.3	1923.7	1902.3	1865.5	1850.2	1838.0
55°	1093.6	1354.0	1626.7	1718.5	1789.0	1816.6	1770.6	1749.1	1694.0	1684.9	1678.7
57.5°	1075.2	1127.3	1455.0	1571.5	1657.3	1654.2	1626.7	1586.8	1540.9	1531.6	1528.6
60°	986.4	814.8	1271.3	1409.2	1498.0	1488.8	1464.3	1427.5	1384.6	1378.5	1372.4
62.5°	894.5	591.3	1062.9	1219.2	1344.8	1341.7	1320.3	1265.1	1234.5	1219.2	1206.9
65°	759.7	496.3	756.6	1014.0	1194.7	1200.8	1154.9	1115.1	1081.3	1062.9	1059.9
67.5°	578.9	404.3	511.6	845.5	1050.7	1044.6	986.4	968.0	925.2	915.9	897.6
70°	428.9	269.6	355.4	686.2	909.8	894.5	848.5	827.1	787.3	765.9	753.5
72.5°	355.4	217.5	260.4	533.0	765.9	747.5	707.7	683.1	649.5	631.1	618.8
75°	287.9	229.7	199.1	395.2	621.8	609.6	572.9	548.3	520.7	496.3	499.3
77.5°	211.4	214.4	159.3	291.0	493.2	474.8	453.4	422.7	410.5	386.0	386.0
80°	159.3	168.5	119.5	199.1	355.4	355.4	337.0	315.5	294.1	281.9	281.9
82.5°	107.2	107.2	88.8	125.6	242.0	232.8	220.6	214.4	202.2	196.1	196.1
85°	49.0	61.3	55.1	76.6	131.7	137.9	137.9	131.7	128.6	122.6	125.6
87.5°	15.3	27.6	33.7	42.9	67.4	70.4	73.5	73.5	73.5	76.6	76.6
90°	1.8	3.3	4.7	5.1	8.0	11.9	13.8	12.2	9.1	6.9	6.9
92.5°	7.2	19.6	32.0	35.0	49.2	68.2	77.6	68.0	48.9	34.5	33.1
95°	17.4	39.9	62.5	68.2	121.0	191.5	226.8	202.4	153.6	116.9	112.8
97.5°	30.1	50.1	69.9	74.9	163.0	280.6	339.4	324.0	293.2	270.0	262.1
100°	39.9	57.9	75.9	80.5	178.3	308.8	374.0	375.2	377.5	379.2	369.8
102.5°	48.2	65.1	81.9	86.1	185.4	317.7	383.9	403.5	442.8	472.3	464.3
105°	62.4	76.7	91.0	94.5	190.6	318.7	382.8	426.9	515.0	581.1	576.8
107.5°	76.8	90.2	103.5	106.8	191.5	304.5	361.0	422.4	545.5	637.7	638.8
110°	86.7	98.7	110.7	113.7	190.1	291.9	342.9	411.6	549.1	652.2	656.7



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**CANDELA DISTRIBUTION (continued):**

	0°	10°	20°	22.5°	30°	40°	45°	50°	60°	67.5°	70°
112.5°	96.3	107.7	119.1	122.0	190.2	281.0	326.4	396.7	537.4	642.9	649.9
115°	110.8	121.3	131.9	134.5	191.9	268.4	306.6	374.4	510.0	611.6	621.2
117.5°	125.1	134.7	144.3	146.7	195.5	260.5	293.0	354.2	476.5	568.3	578.9
120°	133.4	142.5	151.5	153.8	198.4	257.9	287.6	343.4	455.2	539.0	549.3
122.5°	141.6	150.7	159.9	162.1	202.6	256.4	283.4	333.7	434.4	509.9	520.1
125°	154.1	162.5	170.7	172.8	208.2	255.3	278.9	321.6	407.1	471.2	480.6
127.5°	164.3	172.6	181.0	183.1	213.8	254.6	275.1	311.8	385.2	440.3	448.2
130°	169.7	178.8	187.7	190.0	217.9	255.1	273.6	306.3	371.7	420.6	428.0
132.5°	175.3	184.4	193.3	195.6	221.2	255.3	272.4	301.6	360.1	404.0	410.6
135°	183.7	191.9	200.1	202.2	224.8	255.1	270.2	294.7	343.7	380.4	386.1
137.5°	192.2	200.3	208.5	210.5	230.3	256.6	269.8	290.6	331.9	363.0	367.6
140°	199.2	206.7	214.3	216.2	233.6	256.9	268.6	286.5	322.2	349.0	353.4
142.5°	204.7	211.6	218.6	220.3	236.4	257.9	268.6	284.3	315.7	339.3	343.0
145°	213.1	219.1	225.1	226.7	240.0	257.9	266.8	279.6	305.3	324.6	327.4
147.5°	221.4	227.3	233.2	234.6	245.3	259.6	266.8	276.9	297.1	312.2	314.5
150°	226.8	232.2	237.4	238.8	248.1	260.5	266.8	275.3	292.4	305.1	307.0
152.5°	232.4	236.4	240.5	241.5	249.9	261.1	266.8	274.0	288.6	299.5	301.0
155°	240.8	243.8	246.7	247.5	253.9	262.5	266.8	272.5	284.1	292.8	293.7
157.5°	246.9	249.8	252.7	253.4	257.9	263.8	266.8	271.3	280.2	287.0	287.7
160°	251.1	253.4	255.6	256.2	259.7	264.4	266.8	270.6	278.3	284.1	284.5
162.5°	255.3	257.0	258.6	259.1	261.6	265.0	266.8	270.0	276.5	281.4	281.8
165°	259.9	261.4	262.9	263.3	264.5	266.0	266.8	269.1	273.7	277.3	277.6
167.5°	264.0	264.8	265.5	265.7	266.7	267.9	268.6	270.1	273.2	275.4	275.6
170°	266.8	267.5	268.2	268.4	268.5	268.6	268.6	270.1	273.2	275.4	275.4
172.5°	268.2	268.4	268.6	268.6	268.6	268.6	268.6	269.7	272.2	274.0	273.8
175°	270.2	270.2	270.2	270.2	269.6	268.9	268.6	269.3	270.8	272.0	272.0
177.5°	270.2	270.2	270.2	270.2	269.7	269.2	268.9	269.6	270.7	271.6	271.5
180°	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2



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**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
0°	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9
2.5°	3320.7	3311.4	3320.7	3314.5	3317.6	3308.4	3280.8	3271.6	3280.8	3290.0	3290.0
5°	3360.5	3354.3	3360.5	3360.5	3357.4	3351.3	3320.7	3314.5	3320.7	3323.7	3317.6
7.5°	3372.7	3363.5	3372.7	3366.6	3366.6	3360.5	3329.8	3323.7	3326.7	3336.0	3326.7
10°	3372.7	3363.5	3372.7	3369.6	3366.6	3360.5	3329.8	3317.6	3317.6	3326.7	3317.6
12.5°	3357.4	3351.3	3357.4	3351.3	3351.3	3345.1	3314.5	3302.3	3305.3	3308.4	3296.1
15°	3332.9	3323.7	3332.9	3326.7	3329.8	3320.7	3286.9	3274.7	3274.7	3280.8	3259.4
17.5°	3296.1	3283.8	3296.1	3293.1	3290.0	3283.8	3253.2	3241.0	3237.9	3241.0	3225.6
20°	3253.2	3244.0	3253.2	3250.2	3250.2	3237.9	3207.3	3192.0	3192.0	3192.0	3176.7
22.5°	3185.8	3176.7	3185.8	3192.0	3192.0	3188.9	3161.4	3139.9	3133.8	3133.8	3115.4
25°	3109.2	3100.1	3109.2	3109.2	3106.2	3109.2	3100.1	3087.9	3078.6	3069.4	3051.0
27.5°	3035.7	3029.6	3035.7	3029.6	3035.7	3026.6	3023.5	3020.4	3008.2	2999.0	2974.4
30°	2962.2	2956.1	2962.2	2956.1	2950.0	2943.9	2928.6	2922.4	2934.6	2928.6	2888.7
32.5°	2870.4	2864.2	2870.4	2870.4	2864.2	2864.2	2839.7	2830.5	2833.6	2852.0	2815.2
35°	2775.4	2766.2	2775.4	2772.3	2775.4	2766.2	2750.9	2747.8	2735.6	2756.9	2729.4
37.5°	2665.1	2655.9	2665.1	2665.1	2665.1	2671.2	2659.0	2649.8	2631.4	2659.0	2637.5
40°	2551.7	2539.5	2551.7	2548.7	2551.7	2557.9	2551.7	2545.6	2527.2	2548.7	2530.3
42.5°	2423.1	2420.0	2423.1	2426.1	2426.1	2438.4	2447.6	2435.3	2429.2	2413.9	2426.1
45°	2285.3	2279.1	2285.3	2291.3	2294.4	2300.6	2328.2	2328.2	2318.9	2294.4	2312.8
47.5°	2138.2	2122.9	2138.2	2156.5	2156.5	2165.8	2193.3	2214.7	2199.5	2168.9	2178.0
50°	1981.9	1985.0	1981.9	1994.3	1994.3	2027.9	2049.4	2070.8	2086.1	2049.4	2006.5
52.5°	1828.8	1825.7	1828.8	1838.0	1850.2	1865.5	1902.3	1923.7	1948.3	1926.8	1859.5
55°	1675.6	1681.8	1675.6	1678.7	1684.9	1694.0	1749.1	1770.6	1816.6	1789.0	1718.5
57.5°	1522.5	1513.2	1522.5	1528.6	1531.6	1540.9	1586.8	1626.7	1654.2	1657.3	1571.5
60°	1344.8	1332.6	1344.8	1372.4	1378.5	1384.6	1427.5	1464.3	1488.8	1498.0	1409.2
62.5°	1188.6	1167.1	1188.6	1206.9	1219.2	1234.5	1265.1	1320.3	1341.7	1344.8	1219.2
65°	1023.1	1014.0	1023.1	1059.9	1062.9	1081.3	1115.1	1154.9	1200.8	1194.7	1014.0
67.5°	873.0	873.0	873.0	897.6	915.9	925.2	968.0	986.4	1044.6	1050.7	845.5
70°	735.2	732.1	735.2	753.5	765.9	787.3	827.1	848.5	894.5	909.8	686.2
72.5°	603.5	600.4	603.5	618.8	631.1	649.5	683.1	707.7	747.5	765.9	533.0
75°	487.1	480.9	487.1	499.3	496.3	520.7	548.3	572.9	609.6	621.8	395.2
77.5°	373.7	373.7	373.7	386.0	386.0	410.5	422.7	453.4	474.8	493.2	291.0
80°	278.8	275.7	278.8	281.9	281.9	294.1	315.5	337.0	355.4	355.4	199.1
82.5°	196.1	189.9	196.1	196.1	196.1	202.2	214.4	220.6	232.8	242.0	125.6
85°	122.6	122.6	122.6	125.6	122.6	128.6	131.7	137.9	137.9	131.7	76.6
87.5°	79.7	76.6	79.7	76.6	76.6	73.5	73.5	73.5	70.4	67.4	42.9
90°	6.9	6.9	6.9	6.9	6.9	9.1	12.2	13.8	11.9	8.0	5.1
92.5°	27.6	22.1	27.6	33.1	34.5	48.9	68.0	77.6	68.2	49.2	35.0
95°	96.2	79.6	96.2	112.8	116.9	153.6	202.4	226.8	191.5	121.0	68.2
97.5°	230.5	198.9	230.5	262.1	270.0	293.2	324.0	339.4	280.6	163.0	74.9
100°	332.1	294.4	332.1	369.8	379.2	377.5	375.2	374.0	308.8	178.3	80.5
102.5°	432.0	399.8	432.0	464.3	472.3	442.8	403.5	383.9	317.7	185.4	86.1
105°	559.5	542.1	559.5	576.8	581.1	515.0	426.9	382.8	318.7	190.6	94.5
107.5°	642.9	647.1	642.9	638.8	637.7	545.5	422.4	361.0	304.5	191.5	106.8
110°	674.7	692.8	674.7	656.7	652.2	549.1	411.6	342.9	291.9	190.1	113.7





TEST NUMBER: P934167

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-4000K

**CANDELA DISTRIBUTION (continued):**

	80°	90°	100°	110°	112.5°	120°	130°	135°	140°	150°	157.5°
112.5°	677.6	705.3	677.6	649.9	642.9	537.4	396.7	326.4	281.0	190.2	122.0
115°	659.7	698.1	659.7	621.2	611.6	510.0	374.4	306.6	268.4	191.9	134.5
117.5°	621.6	664.2	621.6	578.9	568.3	476.5	354.2	293.0	260.5	195.5	146.7
120°	590.8	632.3	590.8	549.3	539.0	455.2	343.4	287.6	257.9	198.4	153.8
122.5°	560.9	601.8	560.9	520.1	509.9	434.4	333.7	283.4	256.4	202.6	162.1
125°	518.3	555.9	518.3	480.6	471.2	407.1	321.6	278.9	255.3	208.2	172.8
127.5°	479.9	511.7	479.9	448.2	440.3	385.2	311.8	275.1	254.6	213.8	183.1
130°	457.3	486.6	457.3	428.0	420.6	371.7	306.3	273.6	255.1	217.9	190.0
132.5°	436.8	463.1	436.8	410.6	404.0	360.1	301.6	272.4	255.3	221.2	195.6
135°	408.7	431.3	408.7	386.1	380.4	343.7	294.7	270.2	255.1	224.8	202.2
137.5°	386.1	404.7	386.1	367.6	363.0	331.9	290.6	269.8	256.6	230.3	210.5
140°	370.7	388.0	370.7	353.4	349.0	322.2	286.5	268.6	256.9	233.6	216.2
142.5°	357.9	372.7	357.9	343.0	339.3	315.7	284.3	268.6	257.9	236.4	220.3
145°	338.7	349.9	338.7	327.4	324.6	305.3	279.6	266.8	257.9	240.0	226.7
147.5°	323.9	333.3	323.9	314.5	312.2	297.1	276.9	266.8	259.6	245.3	234.6
150°	314.6	322.2	314.6	307.0	305.1	292.4	275.3	266.8	260.5	248.1	238.8
152.5°	306.7	312.4	306.7	301.0	299.5	288.6	274.0	266.8	261.1	249.9	241.5
155°	297.5	301.3	297.5	293.7	292.8	284.1	272.5	266.8	262.5	253.9	247.5
157.5°	290.4	293.0	290.4	287.7	287.0	280.2	271.3	266.8	263.8	257.9	253.4
160°	286.0	287.6	286.0	284.5	284.1	278.3	270.6	266.8	264.4	259.7	256.2
162.5°	283.2	284.7	283.2	281.8	281.4	276.5	270.0	266.8	265.0	261.6	259.1
165°	279.2	280.7	279.2	277.6	277.3	273.7	269.1	266.8	266.0	264.5	263.3
167.5°	276.3	276.9	276.3	275.6	275.4	273.2	270.1	268.6	267.9	266.7	265.7
170°	275.4	275.4	275.4	275.4	275.4	273.2	270.1	268.6	268.6	268.5	268.4
172.5°	273.3	272.7	273.3	273.8	274.0	272.2	269.7	268.6	268.6	268.6	268.6
175°	272.0	272.0	272.0	272.0	272.0	270.8	269.3	268.6	268.9	269.6	270.2
177.5°	270.8	270.2	270.8	271.5	271.6	270.7	269.6	268.9	269.2	269.7	270.2
180°	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2



TEST NUMBER: P934167

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-4000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
0°	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9
2.5°	3283.8	3265.5	3265.5	3234.9	3222.6	3213.4	3198.1	3152.1	3139.9	3127.6	3146.1
5°	3311.4	3277.8	3253.2	3198.1	3152.1	3133.8	3075.6	2965.3	2891.8	2836.6	2806.0
7.5°	3317.6	3274.7	3228.7	3143.0	3032.7	2983.7	2806.0	2603.8	2548.7	2499.7	2469.0
10°	3311.4	3262.5	3198.1	3069.4	2809.1	2723.3	2545.6	2413.9	2380.2	2371.0	2380.2
12.5°	3290.0	3244.0	3155.2	2940.8	2576.3	2518.1	2413.9	2337.3	2331.2	2346.5	2429.2
15°	3253.2	3210.3	3106.2	2769.2	2447.6	2404.7	2331.2	2303.6	2337.3	2444.6	2692.7
17.5°	3216.5	3167.4	3038.8	2600.8	2349.5	2318.9	2266.9	2322.0	2511.9	2655.9	2738.6
20°	3167.4	3109.2	2962.2	2478.2	2279.1	2251.5	2227.1	2475.2	2619.2	2671.2	2717.2
22.5°	3109.2	3048.0	2858.0	2392.4	2205.6	2184.2	2199.5	2561.0	2619.2	2655.9	2695.8
25°	3032.7	2980.6	2735.6	2325.1	2147.4	2122.9	2181.1	2551.7	2585.4	2594.6	2674.3
27.5°	2962.2	2894.8	2606.9	2263.8	2076.9	2067.7	2196.4	2511.9	2536.4	2545.6	2631.4
30°	2876.4	2775.4	2462.9	2199.5	2003.4	2000.3	2199.5	2462.9	2456.8	2481.3	2567.0
32.5°	2787.6	2597.7	2300.6	2119.8	1933.0	1929.9	2178.0	2389.4	2383.3	2417.0	2481.3
35°	2704.9	2459.9	2080.0	2027.9	1844.1	1847.2	2126.0	2303.6	2306.7	2337.3	2377.1
37.5°	2619.2	2340.4	1838.0	1926.8	1758.4	1758.4	2055.4	2224.0	2217.8	2227.1	2282.2
40°	2518.1	2153.5	1623.6	1795.1	1678.7	1669.5	1969.7	2138.2	2116.7	2113.7	2190.3
42.5°	2410.8	1948.3	1464.3	1620.5	1586.8	1574.5	1865.5	2034.1	1994.3	2003.4	2101.4
45°	2294.4	1893.1	1341.7	1369.3	1491.8	1482.7	1752.2	1914.6	1887.0	1911.5	2012.6
47.5°	2178.0	1782.8	1301.9	1136.5	1390.8	1387.7	1626.7	1798.2	1782.8	1807.3	1914.6
50°	2018.7	1660.3	1298.8	974.1	1277.4	1289.7	1476.5	1684.9	1684.9	1706.2	1819.6
52.5°	1813.5	1510.2	1179.3	882.3	1145.7	1182.4	1344.8	1586.8	1592.9	1614.4	1715.5
55°	1626.7	1354.0	1093.6	811.7	989.4	1069.1	1216.2	1485.7	1498.0	1519.4	1611.3
57.5°	1455.0	1127.3	1075.2	729.1	845.5	922.1	1102.8	1387.7	1393.8	1412.2	1501.0
60°	1271.3	814.8	986.4	640.2	719.9	778.1	998.7	1271.3	1292.8	1305.0	1381.5
62.5°	1062.9	591.3	894.5	578.9	658.6	670.9	912.9	1161.0	1188.6	1197.8	1243.7
65°	756.6	496.3	759.7	526.9	594.2	597.3	821.0	1047.6	1072.2	1087.5	1121.1
67.5°	511.6	404.3	578.9	477.8	545.3	548.3	732.1	915.9	949.6	961.9	983.4
70°	355.4	269.6	428.9	425.8	490.1	496.3	637.1	796.5	827.1	836.3	848.5
72.5°	260.4	217.5	355.4	382.9	431.9	438.1	539.1	661.7	692.3	701.5	707.7
75°	199.1	229.7	287.9	333.9	367.6	370.7	441.1	539.1	560.6	566.7	569.8
77.5°	159.3	214.4	211.4	269.6	300.2	294.1	346.1	416.6	435.0	435.0	435.0
80°	119.5	168.5	159.3	193.0	220.6	214.4	248.1	297.2	303.2	309.4	306.3
82.5°	88.8	107.2	107.2	122.6	147.0	140.9	165.5	193.0	193.0	193.0	199.1
85°	55.1	61.3	49.0	64.4	82.7	79.7	91.9	104.2	107.2	107.2	101.1
87.5°	33.7	27.6	15.3	24.5	36.7	36.7	42.9	46.0	42.9	42.9	42.9
90°	4.7	3.3	1.8	3.3	4.7	5.1	8.0	11.9	13.8	12.2	9.1
92.5°	32.0	19.6	7.2	19.6	32.0	35.0	49.2	68.2	77.6	68.0	48.9
95°	62.5	39.9	17.4	39.9	62.5	68.2	121.0	191.5	226.8	202.4	153.6
97.5°	69.9	50.1	30.1	50.1	69.9	74.9	163.0	280.6	339.4	324.0	293.2
100°	75.9	57.9	39.9	57.9	75.9	80.5	178.3	308.8	374.0	375.2	377.5
102.5°	81.9	65.1	48.2	65.1	81.9	86.1	185.4	317.7	383.9	403.5	442.8
105°	91.0	76.7	62.4	76.7	91.0	94.5	190.6	318.7	382.8	426.9	515.0
107.5°	103.5	90.2	76.8	90.2	103.5	106.8	191.5	304.5	361.0	422.4	545.5
110°	110.7	98.7	86.7	98.7	110.7	113.7	190.1	291.9	342.9	411.6	549.1



TEST NUMBER: P934167

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-4000K

**CANDELA DISTRIBUTION (continued):**

	160°	170°	180°	190°	200°	202.5°	210°	220°	225°	230°	240°
112.5°	119.1	107.7	96.3	107.7	119.1	122.0	190.2	281.0	326.4	396.7	537.4
115°	131.9	121.3	110.8	121.3	131.9	134.5	191.9	268.4	306.6	374.4	510.0
117.5°	144.3	134.7	125.1	134.7	144.3	146.7	195.5	260.5	293.0	354.2	476.5
120°	151.5	142.5	133.4	142.5	151.5	153.8	198.4	257.9	287.6	343.4	455.2
122.5°	159.9	150.7	141.6	150.7	159.9	162.1	202.6	256.4	283.4	333.7	434.4
125°	170.7	162.5	154.1	162.5	170.7	172.8	208.2	255.3	278.9	321.6	407.1
127.5°	181.0	172.6	164.3	172.6	181.0	183.1	213.8	254.6	275.1	311.8	385.2
130°	187.7	178.8	169.7	178.8	187.7	190.0	217.9	255.1	273.6	306.3	371.7
132.5°	193.3	184.4	175.3	184.4	193.3	195.6	221.2	255.3	272.4	301.6	360.1
135°	200.1	191.9	183.7	191.9	200.1	202.2	224.8	255.1	270.2	294.7	343.7
137.5°	208.5	200.3	192.2	200.3	208.5	210.5	230.3	256.6	269.8	290.6	331.9
140°	214.3	206.7	199.2	206.7	214.3	216.2	233.6	256.9	268.6	286.5	322.2
142.5°	218.6	211.6	204.7	211.6	218.6	220.3	236.4	257.9	268.6	284.3	315.7
145°	225.1	219.1	213.1	219.1	225.1	226.7	240.0	257.9	266.8	279.6	305.3
147.5°	233.2	227.3	221.4	227.3	233.2	234.6	245.3	259.6	266.8	276.9	297.1
150°	237.4	232.2	226.8	232.2	237.4	238.8	248.1	260.5	266.8	275.3	292.4
152.5°	240.5	236.4	232.4	236.4	240.5	241.5	249.9	261.1	266.8	274.0	288.6
155°	246.7	243.8	240.8	243.8	246.7	247.5	253.9	262.5	266.8	272.5	284.1
157.5°	252.7	249.8	246.9	249.8	252.7	253.4	257.9	263.8	266.8	271.3	280.2
160°	255.6	253.4	251.1	253.4	255.6	256.2	259.7	264.4	266.8	270.6	278.3
162.5°	258.6	257.0	255.3	257.0	258.6	259.1	261.6	265.0	266.8	270.0	276.5
165°	262.9	261.4	259.9	261.4	262.9	263.3	264.5	266.0	266.8	269.1	273.7
167.5°	265.5	264.8	264.0	264.8	265.5	265.7	266.7	267.9	268.6	270.1	273.2
170°	268.2	267.5	266.8	267.5	268.2	268.4	268.5	268.6	268.6	270.1	273.2
172.5°	268.6	268.4	268.2	268.4	268.6	268.6	268.6	268.6	268.6	269.7	272.2
175°	270.2	270.2	270.2	270.2	270.2	270.2	269.6	268.9	268.6	269.3	270.8
177.5°	270.2	270.2	270.2	270.2	270.2	270.2	269.7	269.2	268.9	269.6	270.7
180°	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2



TEST NUMBER: P934167

CATALOG NUMBER: SQ4-FA-025U-125D-93050-1D-UNV-STD-W-8-4000K

**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
0°	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9	3237.9
2.5°	3124.6	3115.4	3127.6	3093.9	3127.6	3115.4	3124.6	3146.1	3127.6	3139.9	3152.1
5°	2741.6	2726.3	2677.4	2637.5	2677.4	2726.3	2741.6	2806.0	2836.6	2891.8	2965.3
7.5°	2450.6	2438.4	2426.1	2401.7	2426.1	2438.4	2450.6	2469.0	2499.7	2548.7	2603.8
10°	2386.4	2389.4	2407.7	2404.7	2407.7	2389.4	2386.4	2380.2	2371.0	2380.2	2413.9
12.5°	2551.7	2579.3	2680.4	2674.3	2680.4	2579.3	2551.7	2429.2	2346.5	2331.2	2337.3
15°	2741.6	2750.9	2772.3	2775.4	2772.3	2750.9	2741.6	2692.7	2444.6	2337.3	2303.6
17.5°	2760.0	2763.1	2778.4	2778.4	2778.4	2763.1	2760.0	2738.6	2655.9	2511.9	2322.0
20°	2744.7	2750.9	2781.5	2787.6	2781.5	2750.9	2744.7	2717.2	2671.2	2619.2	2475.2
22.5°	2738.6	2750.9	2775.4	2772.3	2775.4	2750.9	2738.6	2695.8	2655.9	2619.2	2561.0
25°	2708.0	2708.0	2711.0	2714.1	2711.0	2708.0	2708.0	2674.3	2594.6	2585.4	2551.7
27.5°	2643.6	2649.8	2668.1	2665.1	2668.1	2649.8	2643.6	2631.4	2545.6	2536.4	2511.9
30°	2585.4	2579.3	2564.0	2551.7	2564.0	2579.3	2585.4	2567.0	2481.3	2456.8	2462.9
32.5°	2487.4	2472.1	2456.8	2447.6	2456.8	2472.1	2487.4	2481.3	2417.0	2383.3	2389.4
35°	2371.0	2374.1	2371.0	2361.8	2371.0	2374.1	2371.0	2377.1	2337.3	2306.7	2303.6
37.5°	2288.3	2294.4	2291.3	2279.1	2291.3	2294.4	2288.3	2282.2	2227.1	2217.8	2224.0
40°	2202.5	2205.6	2202.5	2193.3	2202.5	2205.6	2202.5	2190.3	2113.7	2116.7	2138.2
42.5°	2119.8	2116.7	2107.6	2101.4	2107.6	2116.7	2119.8	2101.4	2003.4	1994.3	2034.1
45°	2024.8	2027.9	2009.5	2000.3	2009.5	2027.9	2024.8	2012.6	1911.5	1887.0	1914.6
47.5°	1929.9	1929.9	1914.6	1905.4	1914.6	1929.9	1929.9	1914.6	1807.3	1782.8	1798.2
50°	1828.8	1825.7	1804.3	1801.3	1804.3	1825.7	1828.8	1819.6	1706.2	1684.9	1684.9
52.5°	1712.4	1712.4	1715.5	1721.6	1715.5	1712.4	1712.4	1715.5	1614.4	1592.9	1586.8
55°	1611.3	1614.4	1635.8	1642.0	1635.8	1614.4	1611.3	1611.3	1519.4	1498.0	1485.7
57.5°	1507.2	1507.2	1522.5	1522.5	1522.5	1507.2	1507.2	1501.0	1412.2	1393.8	1387.7
60°	1387.7	1393.8	1406.1	1403.0	1406.1	1393.8	1387.7	1381.5	1305.0	1292.8	1271.3
62.5°	1262.1	1268.2	1271.3	1265.1	1271.3	1268.2	1262.1	1243.7	1197.8	1188.6	1161.0
65°	1130.4	1136.5	1139.6	1133.4	1139.6	1136.5	1130.4	1121.1	1087.5	1072.2	1047.6
67.5°	995.6	992.5	989.4	1001.7	989.4	992.5	995.6	983.4	961.9	949.6	915.9
70°	857.7	857.7	854.7	860.8	854.7	857.7	857.7	848.5	836.3	827.1	796.5
72.5°	710.7	707.7	719.9	710.7	719.9	707.7	710.7	707.7	701.5	692.3	661.7
75°	566.7	572.9	566.7	575.9	566.7	572.9	566.7	569.8	566.7	560.6	539.1
77.5°	431.9	438.1	431.9	431.9	431.9	438.1	431.9	435.0	435.0	435.0	416.6
80°	306.3	303.2	303.2	300.2	303.2	303.2	306.3	306.3	309.4	303.2	297.2
82.5°	196.1	193.0	193.0	199.1	193.0	193.0	196.1	199.1	193.0	193.0	193.0
85°	107.2	110.2	104.2	104.2	104.2	110.2	107.2	101.1	107.2	107.2	104.2
87.5°	39.8	36.7	36.7	36.7	36.7	36.7	39.8	42.9	42.9	42.9	46.0
90°	6.9	6.9	6.9	6.9	6.9	6.9	6.9	9.1	12.2	13.8	11.9
92.5°	34.5	33.1	27.6	22.1	27.6	33.1	34.5	48.9	68.0	77.6	68.2
95°	116.9	112.8	96.2	79.6	96.2	112.8	116.9	153.6	202.4	226.8	191.5
97.5°	270.0	262.1	230.5	198.9	230.5	262.1	270.0	293.2	324.0	339.4	280.6
100°	379.2	369.8	332.1	294.4	332.1	369.8	379.2	377.5	375.2	374.0	308.8
102.5°	472.3	464.3	432.0	399.8	432.0	464.3	472.3	442.8	403.5	383.9	317.7
105°	581.1	576.8	559.5	542.1	559.5	576.8	581.1	515.0	426.9	382.8	318.7
107.5°	637.7	638.8	642.9	647.1	642.9	638.8	637.7	545.5	422.4	361.0	304.5
110°	652.2	656.7	674.7	692.8	674.7	656.7	652.2	549.1	411.6	342.9	291.9



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**CANDELA DISTRIBUTION (continued):**

	247.5°	250°	260°	270°	280°	290°	292.5°	300°	310°	315°	320°
112.5°	642.9	649.9	677.6	705.3	677.6	649.9	642.9	537.4	396.7	326.4	281.0
115°	611.6	621.2	659.7	698.1	659.7	621.2	611.6	510.0	374.4	306.6	268.4
117.5°	568.3	578.9	621.6	664.2	621.6	578.9	568.3	476.5	354.2	293.0	260.5
120°	539.0	549.3	590.8	632.3	590.8	549.3	539.0	455.2	343.4	287.6	257.9
122.5°	509.9	520.1	560.9	601.8	560.9	520.1	509.9	434.4	333.7	283.4	256.4
125°	471.2	480.6	518.3	555.9	518.3	480.6	471.2	407.1	321.6	278.9	255.3
127.5°	440.3	448.2	479.9	511.7	479.9	448.2	440.3	385.2	311.8	275.1	254.6
130°	420.6	428.0	457.3	486.6	457.3	428.0	420.6	371.7	306.3	273.6	255.1
132.5°	404.0	410.6	436.8	463.1	436.8	410.6	404.0	360.1	301.6	272.4	255.3
135°	380.4	386.1	408.7	431.3	408.7	386.1	380.4	343.7	294.7	270.2	255.1
137.5°	363.0	367.6	386.1	404.7	386.1	367.6	363.0	331.9	290.6	269.8	256.6
140°	349.0	353.4	370.7	388.0	370.7	353.4	349.0	322.2	286.5	268.6	256.9
142.5°	339.3	343.0	357.9	372.7	357.9	343.0	339.3	315.7	284.3	268.6	257.9
145°	324.6	327.4	338.7	349.9	338.7	327.4	324.6	305.3	279.6	266.8	257.9
147.5°	312.2	314.5	323.9	333.3	323.9	314.5	312.2	297.1	276.9	266.8	259.6
150°	305.1	307.0	314.6	322.2	314.6	307.0	305.1	292.4	275.3	266.8	260.5
152.5°	299.5	301.0	306.7	312.4	306.7	301.0	299.5	288.6	274.0	266.8	261.1
155°	292.8	293.7	297.5	301.3	297.5	293.7	292.8	284.1	272.5	266.8	262.5
157.5°	287.0	287.7	290.4	293.0	290.4	287.7	287.0	280.2	271.3	266.8	263.8
160°	284.1	284.5	286.0	287.6	286.0	284.5	284.1	278.3	270.6	266.8	264.4
162.5°	281.4	281.8	283.2	284.7	283.2	281.8	281.4	276.5	270.0	266.8	265.0
165°	277.3	277.6	279.2	280.7	279.2	277.6	277.3	273.7	269.1	266.8	266.0
167.5°	275.4	275.6	276.3	276.9	276.3	275.6	275.4	273.2	270.1	268.6	267.9
170°	275.4	275.4	275.4	275.4	275.4	275.4	275.4	273.2	270.1	268.6	268.6
172.5°	274.0	273.8	273.3	272.7	273.3	273.8	274.0	272.2	269.7	268.6	268.6
175°	272.0	272.0	272.0	272.0	272.0	272.0	272.0	270.8	269.3	268.6	268.9
177.5°	271.6	271.5	270.8	270.2	270.8	271.5	271.6	270.7	269.6	268.9	269.2
180°	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2	270.2



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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
0°	3237.9	3237.9	3237.9	3237.9	3237.9
2.5°	3198.1	3213.4	3222.6	3234.9	3265.5
5°	3075.6	3133.8	3152.1	3198.1	3253.2
7.5°	2806.0	2983.7	3032.7	3143.0	3228.7
10°	2545.6	2723.3	2809.1	3069.4	3198.1
12.5°	2413.9	2518.1	2576.3	2940.8	3155.2
15°	2331.2	2404.7	2447.6	2769.2	3106.2
17.5°	2266.9	2318.9	2349.5	2600.8	3038.8
20°	2227.1	2251.5	2279.1	2478.2	2962.2
22.5°	2199.5	2184.2	2205.6	2392.4	2858.0
25°	2181.1	2122.9	2147.4	2325.1	2735.6
27.5°	2196.4	2067.7	2076.9	2263.8	2606.9
30°	2199.5	2000.3	2003.4	2199.5	2462.9
32.5°	2178.0	1929.9	1933.0	2119.8	2300.6
35°	2126.0	1847.2	1844.1	2027.9	2080.0
37.5°	2055.4	1758.4	1758.4	1926.8	1838.0
40°	1969.7	1669.5	1678.7	1795.1	1623.6
42.5°	1865.5	1574.5	1586.8	1620.5	1464.3
45°	1752.2	1482.7	1491.8	1369.3	1341.7
47.5°	1626.7	1387.7	1390.8	1136.5	1301.9
50°	1476.5	1289.7	1277.4	974.1	1298.8
52.5°	1344.8	1182.4	1145.7	882.3	1179.3
55°	1216.2	1069.1	989.4	811.7	1093.6
57.5°	1102.8	922.1	845.5	729.1	1075.2
60°	998.7	778.1	719.9	640.2	986.4
62.5°	912.9	670.9	658.6	578.9	894.5
65°	821.0	597.3	594.2	526.9	759.7
67.5°	732.1	548.3	545.3	477.8	578.9
70°	637.1	496.3	490.1	425.8	428.9
72.5°	539.1	438.1	431.9	382.9	355.4
75°	441.1	370.7	367.6	333.9	287.9
77.5°	346.1	294.1	300.2	269.6	211.4
80°	248.1	214.4	220.6	193.0	159.3
82.5°	165.5	140.9	147.0	122.6	107.2
85°	91.9	79.7	82.7	64.4	49.0
87.5°	42.9	36.7	36.7	24.5	15.3
90°	8.0	5.1	4.7	3.3	1.8
92.5°	49.2	35.0	32.0	19.6	7.2
95°	121.0	68.2	62.5	39.9	17.4
97.5°	163.0	74.9	69.9	50.1	30.1
100°	178.3	80.5	75.9	57.9	39.9
102.5°	185.4	86.1	81.9	65.1	48.2
105°	190.6	94.5	91.0	76.7	62.4
107.5°	191.5	106.8	103.5	90.2	76.8
110°	190.1	113.7	110.7	98.7	86.7



TEST NUMBER: P934167

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**CANDELA DISTRIBUTION (continued):**

	330°	337.5°	340°	350°	360°
112.5°	190.2	122.0	119.1	107.7	96.3
115°	191.9	134.5	131.9	121.3	110.8
117.5°	195.5	146.7	144.3	134.7	125.1
120°	198.4	153.8	151.5	142.5	133.4
122.5°	202.6	162.1	159.9	150.7	141.6
125°	208.2	172.8	170.7	162.5	154.1
127.5°	213.8	183.1	181.0	172.6	164.3
130°	217.9	190.0	187.7	178.8	169.7
132.5°	221.2	195.6	193.3	184.4	175.3
135°	224.8	202.2	200.1	191.9	183.7
137.5°	230.3	210.5	208.5	200.3	192.2
140°	233.6	216.2	214.3	206.7	199.2
142.5°	236.4	220.3	218.6	211.6	204.7
145°	240.0	226.7	225.1	219.1	213.1
147.5°	245.3	234.6	233.2	227.3	221.4
150°	248.1	238.8	237.4	232.2	226.8
152.5°	249.9	241.5	240.5	236.4	232.4
155°	253.9	247.5	246.7	243.8	240.8
157.5°	257.9	253.4	252.7	249.8	246.9
160°	259.7	256.2	255.6	253.4	251.1
162.5°	261.6	259.1	258.6	257.0	255.3
165°	264.5	263.3	262.9	261.4	259.9
167.5°	266.7	265.7	265.5	264.8	264.0
170°	268.5	268.4	268.2	267.5	266.8
172.5°	268.6	268.6	268.6	268.4	268.2
175°	269.6	270.2	270.2	270.2	270.2
177.5°	269.7	270.2	270.2	270.2	270.2
180°	270.2	270.2	270.2	270.2	270.2



TEST NUMBER: P934167

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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	16.83	18.09	17.45	18.72	19.43	19.67	20.93	20.28	21.55	22.27
	3H	17.34	18.47	17.97	19.11	19.85	21.05	22.18	21.67	22.81	23.56
	4H	17.55	18.61	18.19	19.26	20.02	21.51	22.58	22.16	23.23	23.99
	6H	17.69	18.67	18.35	19.33	20.11	21.82	22.80	22.48	23.46	24.24
	8H	17.70	18.64	18.37	19.32	20.10	21.90	22.84	22.58	23.52	24.30
	12H	17.68	18.58	18.36	19.25	20.06	21.96	22.85	22.64	23.53	24.33
4H	2H	17.91	18.98	18.56	19.63	20.39	20.13	21.19	20.78	21.84	22.60
	3H	18.98	19.87	19.64	20.55	21.33	21.67	22.56	22.33	23.25	24.03
	4H	19.27	20.08	19.95	20.77	21.58	22.22	23.02	22.90	23.71	24.52
	6H	19.42	20.12	20.12	20.83	21.65	22.61	23.31	23.31	24.02	24.84
	8H	19.43	20.09	20.14	20.80	21.63	22.72	23.38	23.43	24.09	24.92
	12H	19.42	20.01	20.14	20.74	21.58	22.80	23.39	23.53	24.13	24.96
8H	4H	19.76	20.41	20.46	21.12	21.96	22.37	23.03	23.08	23.74	24.57
	6H	20.03	20.58	20.77	21.33	22.17	22.83	23.37	23.56	24.13	24.96
	8H	20.08	20.56	20.83	21.32	22.17	22.98	23.47	23.73	24.23	25.08
	12H	20.08	20.51	20.83	21.26	22.17	23.10	23.53	23.85	24.28	25.19
12H	4H	19.78	20.37	20.51	21.11	21.95	22.35	22.94	23.08	23.68	24.52
	6H	20.10	20.58	20.85	21.34	22.19	22.83	23.31	23.58	24.07	24.92
	8H	20.18	20.61	20.93	21.36	22.27	23.01	23.43	23.76	24.18	25.10