

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  
(formerly Eaton)

Brand: STREETWORKS

Report Number: P622184

Luminaire Tested: **IFLD-S-SA6B-735-U-66**

Issue Date: 09/20/2022

**Test Information**

Test Method: LM-79-2019  
Report Number: P622184  
Test Lab: INNOVATION CENTER(G2)  
Issue Date: 09/20/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: STREETWORKS  
Catalog Number: IFLD-S-SA6B-735-U-66  
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 6 distribution lens  
Light Source: (96) 3500K CCT, 70 CRI LEDS  
Ballast/Driver: ELECTRONIC DRIVER

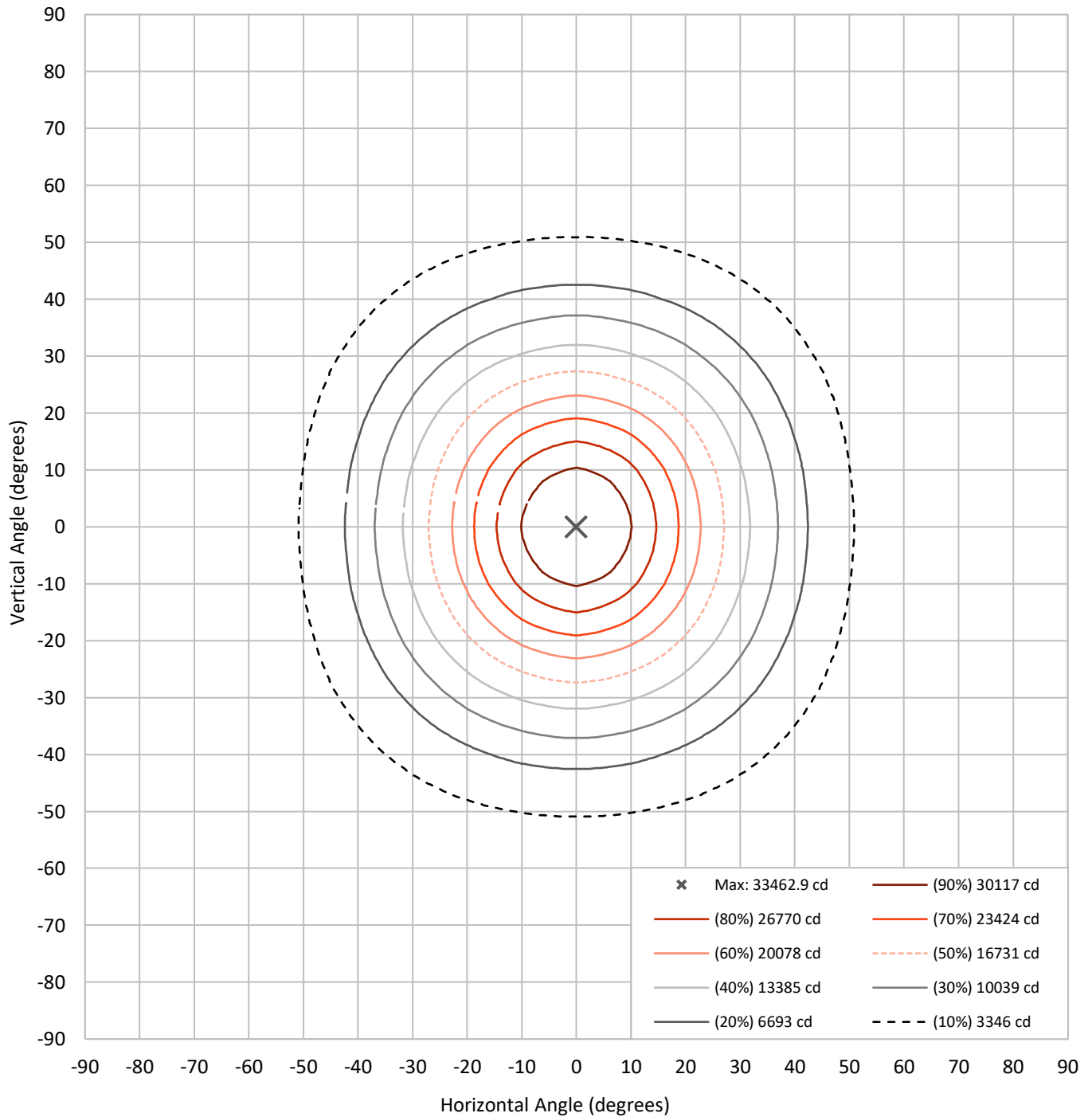
**Summary**

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	34706.5 lumens	Max Intensity:	33462.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	141.7 lumens/watt		
Luminous Opening:	Rectangular (W 1.5' x L: 1' x H: 0')		
Beam Angle (50%):	54.2°H x 54.7°V	Field Angle (10%):	101.7°H x 101.8°V
Beam Lumens:	16687 lumens	Field Lumens:	30458.4 lumens
Beam Efficiency:	48.1%	Field Efficiency:	87.8%
Input Watts (W):	244.9		
Input Voltage (V):	120		
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:	25 FT		



REPORT NUMBER: P622184  
CATALOG NUMBER: IFLD-S-SA6B-735-U-66

### Iso-Candela Plot





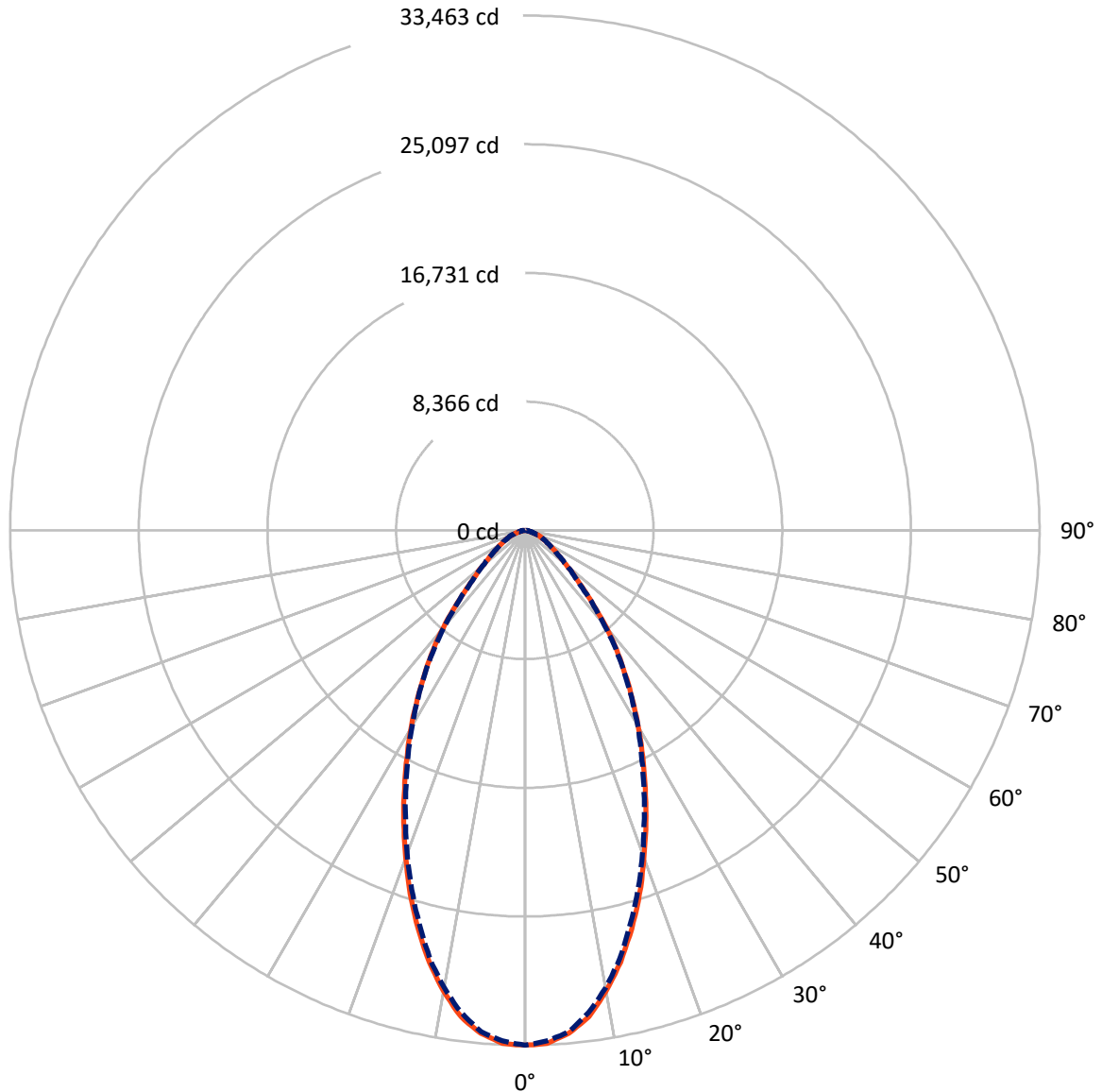
REPORT NUMBER: P622184  
 CATALOG NUMBER: IFLD-S-SA6B-735-U-66

### Lumen Table

90	2.4	14.9	30.0	45.6	39.2	45.6	30.0	14.9	2.4							
80	2.4	14.9	30.0	45.6	39.2	45.6	30.0	14.9	2.4							
70	6.1	6.5	11.6	17.6	24.6	31.4	36.7	39.3	39.3	36.7	31.4	24.6	17.6	11.6	6.5	6.1
60		8.6	16.4	27.0	40.4	55.1	68.3	76.2	76.2	68.3	55.1	40.4	27.0	16.4	8.6	
50	8.2	10.8	22.0	39.7	65.9	101.1	139.2	165.1	165.1	139.2	101.1	65.9	39.7	22.0	10.8	8.2
40		12.9	28.4	57.2	109.7	194.1	282.2	337.0	337.0	282.2	194.1	109.7	57.2	28.4	12.9	
30	9.5	14.8	35.0	79.3	175.6	316.9	455.2	546.3	546.3	455.2	316.9	175.6	79.3	35.0	14.8	9.5
20		16.3	40.8	102.0	239.2	426.7	631.9	780.2	780.2	631.9	426.7	239.2	102.0	40.8	16.3	
10	9.9	17.1	44.3	117.0	276.1	494.9	753.7	947.2	947.2	753.7	494.9	276.1	117.0	44.3	17.1	9.9
0		17.1	44.3	117.0	276.1	494.9	753.7	947.2	947.2	753.7	494.9	276.1	117.0	44.3	17.1	
-10	9.5	16.3	40.8	102.0	239.2	426.7	631.9	780.2	780.2	631.9	426.7	239.2	102.0	40.8	16.3	9.5
-20		14.8	35.0	79.3	175.6	316.9	455.2	546.3	546.3	455.2	316.9	175.6	79.3	35.0	14.8	
-30	8.2	12.9	28.4	57.2	109.7	194.1	282.2	337.0	337.0	282.2	194.1	109.7	57.2	28.4	12.9	8.2
-40		10.8	22.0	39.7	65.9	101.1	139.2	165.1	165.1	139.2	101.1	65.9	39.7	22.0	10.8	
-50	6.1	8.6	16.4	27.0	40.4	55.1	68.3	76.2	76.2	68.3	55.1	40.4	27.0	16.4	8.6	6.1
-60		6.5	11.6	17.6	24.6	31.4	36.7	39.3	39.3	36.7	31.4	24.6	17.6	11.6	6.5	
-70	2.4	14.9	30.0	45.6	39.2	45.6	30.0	14.9	2.4							
-80		2.4	14.9	30.0	45.6	39.2	45.6	30.0	14.9	2.4						
-90	2.4	14.9	30.0	45.6	39.2	45.6	30.0	14.9	2.4							

REPORT NUMBER: P622184  
CATALOG NUMBER: IFLD-S-SA6B-735-U-66

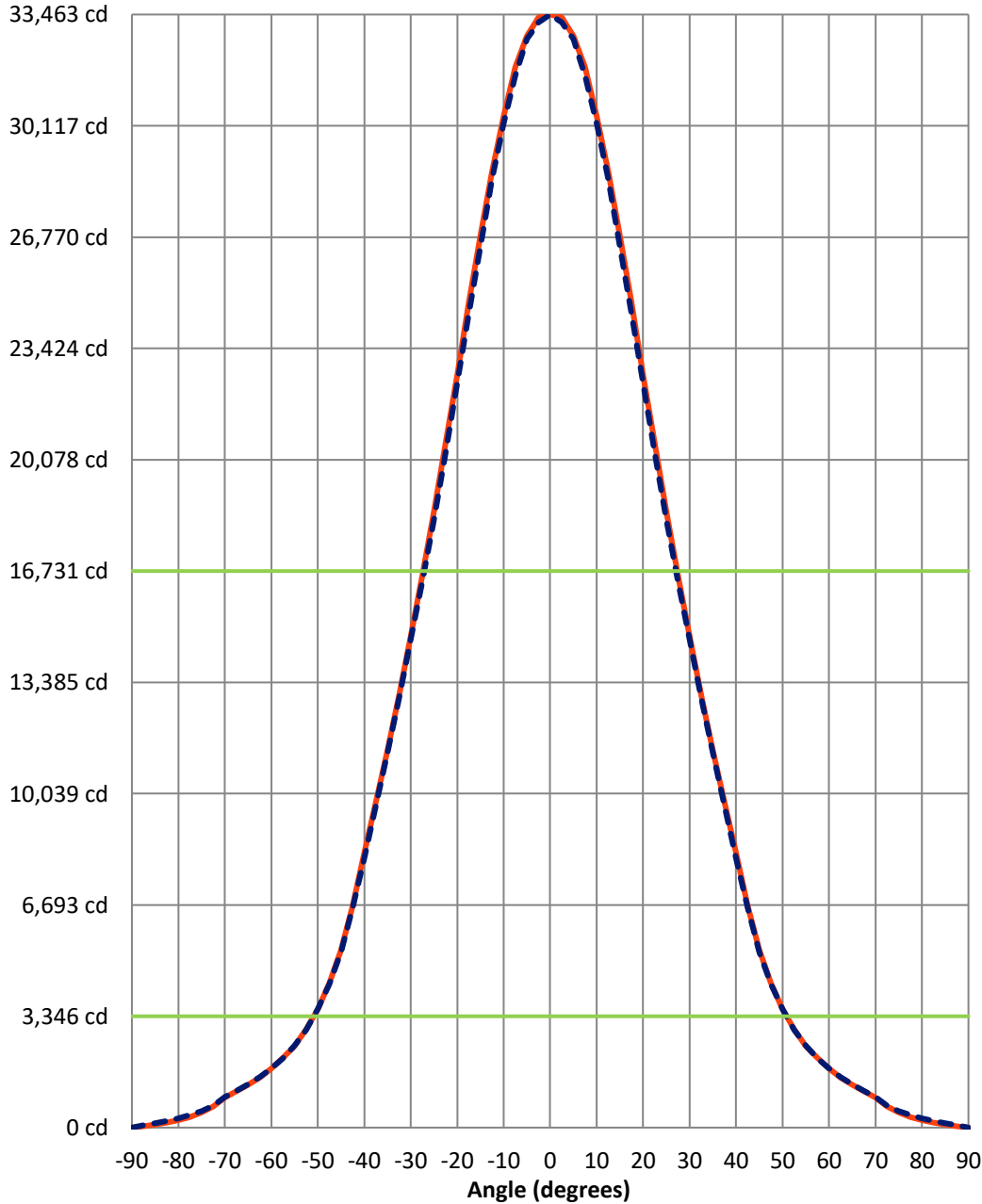
### Luminous Intensity Polar Plot



— Vertical Distribution Through 0-Deg      - - - Horizontal Distribution Through 0-Deg

REPORT NUMBER: P622184  
CATALOG NUMBER: IFLD-S-SA6B-735-U-66

### Luminous Intensity Plot



**Beam:**  
H Angle: 54.2°  
V Angle: 54.7°  
Lumens: 16687  
Efficiency: 48.1%

**Field:**  
H Angle: 101.7°  
V Angle: 101.8°  
Lumens: 30458.4  
Efficiency: 87.8%

**Spill:**  
Lumens: 4248.1  
Efficiency: 12.2%

— Vertical Distribution through 0-Deg  
- - Horizontal Distribution through 0-Deg



REPORT NUMBER: P622184  
 CATALOG NUMBER: IFLD-S-SA6B-735-U-66

FIELD  
 BEAM

**CANDELA DISTRIBUTION:**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	0	4	7	14	21	29	36	43	46	50	57
85°	0	7	14	25	39	57	75	86	93	103	111
82.5°	0	11	25	39	61	82	111	125	139	153	164
80°	0	14	32	54	78	111	146	164	182	200	214
77.5°	0	18	39	64	100	136	178	203	225	246	267
75°	0	21	46	78	118	157	207	239	267	296	328
72.5°	0	25	54	89	132	178	235	275	307	346	389
70°	0	29	61	103	146	200	264	307	346	392	428
67.5°	0	32	68	111	161	218	285	339	382	424	464
65°	0	32	75	118	171	235	303	367	414	456	503
62.5°	0	36	82	125	182	250	321	392	442	489	542
60°	0	39	86	132	196	264	342	417	467	524	581
57.5°	0	43	89	139	203	275	357	439	499	560	620
55°	0	46	96	146	210	289	371	460	528	592	660
52.5°	0	46	100	150	221	300	385	474	556	628	706
50°	0	50	103	153	228	310	396	492	585	663	745
47.5°	0	54	107	157	232	317	410	510	617	699	788
45°	0	54	111	161	239	328	421	521	638	735	827
42.5°	0	57	111	164	243	335	431	538	656	770	870
40°	0	61	114	171	250	339	442	553	678	806	909
37.5°	0	61	118	175	253	346	449	567	699	831	945
35°	0	64	121	178	257	349	453	581	717	856	984
32.5°	0	64	121	185	260	357	460	592	738	884	1020
30°	0	64	125	189	260	357	471	603	756	913	1055
27.5°	0	68	125	189	267	360	478	617	774	945	1091
25°	0	68	128	193	271	360	481	628	795	973	1123
22.5°	0	68	128	196	275	364	485	638	817	998	1159
20°	0	71	132	200	278	367	489	649	838	1020	1187
17.5°	0	71	132	200	282	374	492	656	856	1041	1212
15°	0	75	132	200	282	378	499	660	874	1059	1237
12.5°	0	75	132	203	282	378	503	667	891	1077	1255
10°	0	71	136	203	282	382	506	670	902	1088	1273
7.5°	0	71	136	203	285	382	506	670	913	1098	1284
5°	0	71	132	203	282	385	506	674	927	1109	1294
2.5°	0	71	132	200	282	385	499	667	924	1109	1301
0°	0	71	132	200	278	382	496	660	920	1105	1301
-2.5°	0	71	132	200	282	385	499	667	924	1109	1301
-5°	0	71	132	203	282	385	506	674	927	1109	1294
-7.5°	0	71	136	203	285	382	506	670	913	1098	1284
-10°	0	71	136	203	282	382	506	670	902	1088	1273
-12.5°	0	75	132	203	282	378	503	667	891	1077	1255
-15°	0	75	132	200	282	378	499	660	874	1059	1237
-17.5°	0	71	132	200	282	374	492	656	856	1041	1212
-20°	0	71	132	200	278	367	489	649	838	1020	1187



REPORT NUMBER: P622184

CATALOG NUMBER: IFLD-S-SA6B-735-U-66

**CANDELA DISTRIBUTION (continued):**

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	68	128	196	275	364	485	638	817	998	1159
-25°	0	68	128	193	271	360	481	628	795	973	1123
-27.5°	0	68	125	189	267	360	478	617	774	945	1091
-30°	0	64	125	189	260	357	471	603	756	913	1055
-32.5°	0	64	121	185	260	357	460	592	738	884	1020
-35°	0	64	121	178	257	349	453	581	717	856	984
-37.5°	0	61	118	175	253	346	449	567	699	831	945
-40°	0	61	114	171	250	339	442	553	678	806	909
-42.5°	0	57	111	164	243	335	431	538	656	770	870
-45°	0	54	111	161	239	328	421	521	638	735	827
-47.5°	0	54	107	157	232	317	410	510	617	699	788
-50°	0	50	103	153	228	310	396	492	585	663	745
-52.5°	0	46	100	150	221	300	385	474	556	628	706
-55°	0	46	96	146	210	289	371	460	528	592	660
-57.5°	0	43	89	139	203	275	357	439	499	560	620
-60°	0	39	86	132	196	264	342	417	467	524	581
-62.5°	0	36	82	125	182	250	321	392	442	489	542
-65°	0	32	75	118	171	235	303	367	414	456	503
-67.5°	0	32	68	111	161	218	285	339	382	424	464
-70°	0	29	61	103	146	200	264	307	346	392	428
-72.5°	0	25	54	89	132	178	235	275	307	346	389
-75°	0	21	46	78	118	157	207	239	267	296	328
-77.5°	0	18	39	64	100	136	178	203	225	246	267
-80°	0	14	32	54	78	111	146	164	182	200	214
-82.5°	0	11	25	39	61	82	111	125	139	153	164
-85°	0	7	14	25	39	57	75	86	93	103	111
-87.5°	0	4	7	14	21	29	36	43	46	50	57
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P622184  
 CATALOG NUMBER: IFLD-S-SA6B-735-U-66

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	61	64	68	68	68	64	61	57	64	71	78
85°	118	128	132	139	136	128	125	118	132	146	164
82.5°	175	185	193	200	200	193	185	175	196	218	243
80°	228	243	257	267	267	257	246	232	257	289	321
77.5°	292	310	325	339	335	332	325	317	342	374	407
75°	357	382	392	407	414	410	410	417	446	485	521
72.5°	414	431	453	478	489	496	513	535	563	596	624
70°	460	481	510	535	556	578	603	631	660	692	720
67.5°	503	535	563	596	624	656	688	720	752	788	824
65°	549	585	620	656	695	735	774	809	849	895	934
62.5°	596	635	678	720	767	813	859	906	959	1009	1059
60°	638	688	738	792	845	899	948	1009	1073	1130	1195
57.5°	681	742	799	859	920	981	1052	1120	1195	1269	1341
55°	727	799	863	931	998	1077	1155	1241	1323	1419	1508
52.5°	777	852	927	1002	1088	1173	1266	1366	1473	1583	1694
50°	827	909	991	1080	1177	1277	1387	1505	1633	1761	1897
47.5°	874	963	1063	1159	1269	1387	1515	1658	1801	1961	2132
45°	924	1020	1127	1244	1366	1505	1658	1815	1997	2179	2378
42.5°	973	1077	1198	1323	1473	1630	1797	1997	2200	2425	2667
40°	1016	1134	1269	1419	1580	1754	1961	2179	2428	2696	2995
37.5°	1066	1195	1341	1505	1690	1893	2132	2385	2674	2999	3359
35°	1113	1255	1416	1594	1801	2036	2303	2599	2935	3327	3765
32.5°	1159	1316	1487	1683	1911	2179	2482	2831	3227	3676	4225
30°	1205	1369	1555	1769	2025	2328	2678	3066	3523	4090	4742
27.5°	1248	1426	1626	1861	2136	2467	2863	3327	3865	4503	5266
25°	1291	1476	1694	1947	2253	2617	3049	3558	4204	4960	5865
22.5°	1330	1526	1754	2029	2360	2763	3248	3829	4539	5380	6447
20°	1369	1576	1818	2107	2453	2895	3430	4079	4885	5876	7060
17.5°	1401	1622	1879	2189	2567	3031	3598	4329	5199	6333	7652
15°	1433	1662	1933	2261	2667	3166	3780	4546	5530	6764	8165
12.5°	1458	1694	1979	2325	2753	3280	3936	4767	5851	7170	8611
10°	1476	1722	2015	2375	2824	3373	4065	4945	6111	7502	8982
7.5°	1494	1744	2043	2414	2877	3444	4165	5085	6311	7759	9267
5°	1508	1761	2065	2442	2913	3498	4240	5174	6454	7941	9470
2.5°	1519	1776	2082	2467	2942	3555	4307	5270	6589	8094	9652
0°	1519	1779	2082	2467	2938	3566	4318	5277	6607	8090	9677
-2.5°	1519	1776	2082	2467	2942	3555	4307	5270	6589	8094	9652
-5°	1508	1761	2065	2442	2913	3498	4240	5174	6454	7941	9470
-7.5°	1494	1744	2043	2414	2877	3444	4165	5085	6311	7759	9267
-10°	1476	1722	2015	2375	2824	3373	4065	4945	6111	7502	8982
-12.5°	1458	1694	1979	2325	2753	3280	3936	4767	5851	7170	8611
-15°	1433	1662	1933	2261	2667	3166	3780	4546	5530	6764	8165
-17.5°	1401	1622	1879	2189	2567	3031	3598	4329	5199	6333	7652
-20°	1369	1576	1818	2107	2453	2895	3430	4079	4885	5876	7060



REPORT NUMBER: P622184  
 CATALOG NUMBER: IFLD-S-SA6B-735-U-66

**CANDELA DISTRIBUTION (continued):**

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1330	1526	1754	2029	2360	2763	3248	3829	4539	5380	6447
-25°	1291	1476	1694	1947	2253	2617	3049	3558	4204	4960	5865
-27.5°	1248	1426	1626	1861	2136	2467	2863	3327	3865	4503	5266
-30°	1205	1369	1555	1769	2025	2328	2678	3066	3523	4090	4742
-32.5°	1159	1316	1487	1683	1911	2179	2482	2831	3227	3676	4225
-35°	1113	1255	1416	1594	1801	2036	2303	2599	2935	3327	3765
-37.5°	1066	1195	1341	1505	1690	1893	2132	2385	2674	2999	3359
-40°	1016	1134	1269	1419	1580	1754	1961	2179	2428	2696	2995
-42.5°	973	1077	1198	1323	1473	1630	1797	1997	2200	2425	2667
-45°	924	1020	1127	1244	1366	1505	1658	1815	1997	2179	2378
-47.5°	874	963	1063	1159	1269	1387	1515	1658	1801	1961	2132
-50°	827	909	991	1080	1177	1277	1387	1505	1633	1761	1897
-52.5°	777	852	927	1002	1088	1173	1266	1366	1473	1583	1694
-55°	727	799	863	931	998	1077	1155	1241	1323	1419	1508
-57.5°	681	742	799	859	920	981	1052	1120	1195	1269	1341
-60°	638	688	738	792	845	899	948	1009	1073	1130	1195
-62.5°	596	635	678	720	767	813	859	906	959	1009	1059
-65°	549	585	620	656	695	735	774	809	849	895	934
-67.5°	503	535	563	596	624	656	688	720	752	788	824
-70°	460	481	510	535	556	578	603	631	660	692	720
-72.5°	414	431	453	478	489	496	513	535	563	596	624
-75°	357	382	392	407	414	410	410	417	446	485	521
-77.5°	292	310	325	339	335	332	325	317	342	374	407
-80°	228	243	257	267	267	257	246	232	257	289	321
-82.5°	175	185	193	200	200	193	185	175	196	218	243
-85°	118	128	132	139	136	128	125	118	132	146	164
-87.5°	61	64	68	68	68	64	61	57	64	71	78
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622184  
 CATALOG NUMBER: IFLD-S-SA6B-735-U-66

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	89	89	89	89	86	89	89	93	96	86	75
85°	178	182	182	182	182	182	182	182	182	164	146
82.5°	267	278	285	296	303	303	300	296	289	260	228
80°	353	371	382	392	403	399	396	389	385	349	314
77.5°	439	460	474	485	496	499	496	496	492	460	421
75°	549	567	581	596	610	617	620	620	620	592	556
72.5°	649	670	692	713	731	742	752	760	767	752	731
70°	752	777	802	827	852	870	884	899	906	909	909
67.5°	859	891	924	956	984	1009	1027	1045	1059	1073	1080
65°	977	1020	1059	1095	1127	1159	1184	1209	1230	1248	1259
62.5°	1109	1159	1205	1252	1287	1326	1366	1401	1430	1455	1473
60°	1255	1316	1373	1430	1487	1533	1583	1626	1662	1694	1722
57.5°	1419	1494	1565	1640	1704	1765	1826	1886	1940	1983	2018
55°	1601	1694	1786	1876	1965	2047	2125	2204	2275	2332	2382
52.5°	1811	1922	2040	2150	2271	2378	2478	2585	2681	2767	2838
50°	2036	2179	2332	2475	2631	2781	2917	3052	3188	3305	3402
47.5°	2300	2471	2671	2867	3059	3263	3452	3630	3815	3972	4104
45°	2585	2824	3059	3323	3566	3840	4100	4361	4589	4817	5010
42.5°	2924	3223	3523	3862	4193	4539	4906	5234	5577	5912	6190
40°	3327	3680	4093	4500	4960	5395	5915	6375	6810	7235	7595
37.5°	3769	4236	4746	5263	5887	6500	7110	7687	8204	8679	9057
35°	4279	4867	5473	6226	6967	7716	8415	9071	9659	10141	10540
32.5°	4863	5559	6397	7270	8130	8960	9795	10444	11057	11606	12077
30°	5484	6390	7367	8343	9281	10183	11025	11806	12519	13136	13663
27.5°	6211	7260	8347	9395	10401	11374	12330	13221	14002	14651	15307
25°	6932	8133	9295	10404	11492	12579	13631	14633	15546	16341	17051
22.5°	7691	8946	10173	11349	12583	13767	14918	16059	17108	18024	18823
20°	8393	9741	10993	12305	13642	14926	16220	17454	18623	19728	20638
17.5°	9021	10394	11759	13143	14601	16056	17461	18798	20131	21418	22552
15°	9581	11021	12422	13931	15503	17068	18634	20106	21607	23034	24303
12.5°	10076	11563	13054	14658	16302	17931	19646	21358	23023	24560	25936
10°	10486	12030	13628	15289	16997	18719	20566	22467	24249	25883	27380
7.5°	10797	12383	14052	15778	17578	19422	21351	23287	25173	26927	28496
5°	11018	12619	14334	16095	17971	19896	21953	24018	25943	27758	29363
2.5°	11217	12829	14576	16270	18181	20178	22239	24378	26346	28211	29997
0°	11271	12915	14679	16419	18277	20281	22381	24471	26489	28514	30193
-2.5°	11217	12829	14576	16270	18181	20178	22239	24378	26346	28211	29997
-5°	11018	12619	14334	16095	17971	19896	21953	24018	25943	27758	29363
-7.5°	10797	12383	14052	15778	17578	19422	21351	23287	25173	26927	28496
-10°	10486	12030	13628	15289	16997	18719	20566	22467	24249	25883	27380
-12.5°	10076	11563	13054	14658	16302	17931	19646	21358	23023	24560	25936
-15°	9581	11021	12422	13931	15503	17068	18634	20106	21607	23034	24303
-17.5°	9021	10394	11759	13143	14601	16056	17461	18798	20131	21418	22552
-20°	8393	9741	10993	12305	13642	14926	16220	17454	18623	19728	20638



REPORT NUMBER: P622184  
 CATALOG NUMBER: IFLD-S-SA6B-735-U-66

**CANDELA DISTRIBUTION (continued):**

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	7691	8946	10173	11349	12583	13767	14918	16059	17108	18024	18823
-25°	6932	8133	9295	10404	11492	12579	13631	14633	15546	16341	17051
-27.5°	6211	7260	8347	9395	10401	11374	12330	13221	14002	14651	15307
-30°	5484	6390	7367	8343	9281	10183	11025	11806	12519	13136	13663
-32.5°	4863	5559	6397	7270	8130	8960	9795	10444	11057	11606	12077
-35°	4279	4867	5473	6226	6967	7716	8415	9071	9659	10141	10540
-37.5°	3769	4236	4746	5263	5887	6500	7110	7687	8204	8679	9057
-40°	3327	3680	4093	4500	4960	5395	5915	6375	6810	7235	7595
-42.5°	2924	3223	3523	3862	4193	4539	4906	5234	5577	5912	6190
-45°	2585	2824	3059	3323	3566	3840	4100	4361	4589	4817	5010
-47.5°	2300	2471	2671	2867	3059	3263	3452	3630	3815	3972	4104
-50°	2036	2179	2332	2475	2631	2781	2917	3052	3188	3305	3402
-52.5°	1811	1922	2040	2150	2271	2378	2478	2585	2681	2767	2838
-55°	1601	1694	1786	1876	1965	2047	2125	2204	2275	2332	2382
-57.5°	1419	1494	1565	1640	1704	1765	1826	1886	1940	1983	2018
-60°	1255	1316	1373	1430	1487	1533	1583	1626	1662	1694	1722
-62.5°	1109	1159	1205	1252	1287	1326	1366	1401	1430	1455	1473
-65°	977	1020	1059	1095	1127	1159	1184	1209	1230	1248	1259
-67.5°	859	891	924	956	984	1009	1027	1045	1059	1073	1080
-70°	752	777	802	827	852	870	884	899	906	909	909
-72.5°	649	670	692	713	731	742	752	760	767	752	731
-75°	549	567	581	596	610	617	620	620	620	592	556
-77.5°	439	460	474	485	496	499	496	496	492	460	421
-80°	353	371	382	392	403	399	396	389	385	349	314
-82.5°	267	278	285	296	303	303	300	296	289	260	228
-85°	178	182	182	182	182	182	182	182	182	164	146
-87.5°	89	89	89	89	86	89	89	93	96	86	75
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622184  
 CATALOG NUMBER: IFLD-S-SA6B-735-U-66

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	61	50	46	39	46	50	61	75	86	96	93
85°	125	103	100	93	100	103	125	146	164	182	182
82.5°	200	164	157	150	157	164	200	228	260	289	296
80°	282	239	232	225	232	239	282	314	349	385	389
77.5°	382	342	328	317	328	342	382	421	460	492	496
75°	517	478	467	456	467	478	517	556	592	620	620
72.5°	706	688	660	635	660	688	706	731	752	767	760
70°	913	920	913	902	913	920	913	909	909	906	899
67.5°	1084	1091	1091	1095	1091	1091	1084	1080	1073	1059	1045
65°	1269	1273	1284	1287	1284	1273	1269	1259	1248	1230	1209
62.5°	1483	1494	1501	1501	1501	1494	1483	1473	1455	1430	1401
60°	1740	1754	1772	1776	1772	1754	1740	1722	1694	1662	1626
57.5°	2047	2065	2089	2097	2089	2065	2047	2018	1983	1940	1886
55°	2418	2442	2457	2450	2457	2442	2418	2382	2332	2275	2204
52.5°	2899	2942	2970	2956	2970	2942	2899	2838	2767	2681	2585
50°	3480	3534	3569	3558	3569	3534	3480	3402	3305	3188	3052
47.5°	4207	4282	4343	4346	4343	4282	4207	4104	3972	3815	3630
45°	5163	5274	5356	5341	5356	5274	5163	5010	4817	4589	4361
42.5°	6404	6557	6678	6668	6678	6557	6404	6190	5912	5577	5234
40°	7862	8051	8212	8254	8212	8051	7862	7595	7235	6810	6375
37.5°	9363	9606	9809	9788	9809	9606	9363	9057	8679	8204	7687
35°	10871	11125	11324	11342	11324	11125	10871	10540	10141	9659	9071
32.5°	12451	12733	12968	13000	12968	12733	12451	12077	11606	11057	10444
30°	14098	14437	14719	14776	14719	14437	14098	13663	13136	12519	11806
27.5°	15831	16234	16502	16605	16502	16234	15831	15307	14651	14002	13221
25°	17618	18056	18356	18523	18356	18056	17618	17051	16341	15546	14633
22.5°	19482	20003	20392	20577	20392	20003	19482	18823	18024	17108	16059
20°	21408	21975	22427	22620	22427	21975	21408	20638	19728	18623	17454
17.5°	23369	24061	24563	24809	24563	24061	23369	22552	21418	20131	18798
15°	25273	26007	26553	26817	26553	26007	25273	24303	23034	21607	20106
12.5°	27038	27815	28361	28742	28361	27815	27038	25936	24560	23023	21358
10°	28614	29462	30015	30411	30015	29462	28614	27380	25883	24249	22467
7.5°	29794	30867	31491	31880	31491	30867	29794	28496	26927	25173	23287
5°	30700	31883	32450	32818	32450	31883	30700	29363	27758	25943	24018
2.5°	31363	32297	33007	33374	33007	32297	31363	29997	28211	26346	24378
0°	31623	32721	33224	33463	33224	32721	31623	30193	28514	26489	24471
-2.5°	31363	32297	33007	33374	33007	32297	31363	29997	28211	26346	24378
-5°	30700	31883	32450	32818	32450	31883	30700	29363	27758	25943	24018
-7.5°	29794	30867	31491	31880	31491	30867	29794	28496	26927	25173	23287
-10°	28614	29462	30015	30411	30015	29462	28614	27380	25883	24249	22467
-12.5°	27038	27815	28361	28742	28361	27815	27038	25936	24560	23023	21358
-15°	25273	26007	26553	26817	26553	26007	25273	24303	23034	21607	20106
-17.5°	23369	24061	24563	24809	24563	24061	23369	22552	21418	20131	18798
-20°	21408	21975	22427	22620	22427	21975	21408	20638	19728	18623	17454



REPORT NUMBER: P622184  
 CATALOG NUMBER: IFLD-S-SA6B-735-U-66

**CANDELA DISTRIBUTION (continued):**

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	19482	20003	20392	20577	20392	20003	19482	18823	18024	17108	16059
-25°	17618	18056	18356	18523	18356	18056	17618	17051	16341	15546	14633
-27.5°	15831	16234	16502	16605	16502	16234	15831	15307	14651	14002	13221
-30°	14098	14437	14719	14776	14719	14437	14098	13663	13136	12519	11806
-32.5°	12451	12733	12968	13000	12968	12733	12451	12077	11606	11057	10444
-35°	10871	11125	11324	11342	11324	11125	10871	10540	10141	9659	9071
-37.5°	9363	9606	9809	9788	9809	9606	9363	9057	8679	8204	7687
-40°	7862	8051	8212	8254	8212	8051	7862	7595	7235	6810	6375
-42.5°	6404	6557	6678	6668	6678	6557	6404	6190	5912	5577	5234
-45°	5163	5274	5356	5341	5356	5274	5163	5010	4817	4589	4361
-47.5°	4207	4282	4343	4346	4343	4282	4207	4104	3972	3815	3630
-50°	3480	3534	3569	3558	3569	3534	3480	3402	3305	3188	3052
-52.5°	2899	2942	2970	2956	2970	2942	2899	2838	2767	2681	2585
-55°	2418	2442	2457	2450	2457	2442	2418	2382	2332	2275	2204
-57.5°	2047	2065	2089	2097	2089	2065	2047	2018	1983	1940	1886
-60°	1740	1754	1772	1776	1772	1754	1740	1722	1694	1662	1626
-62.5°	1483	1494	1501	1501	1501	1494	1483	1473	1455	1430	1401
-65°	1269	1273	1284	1287	1284	1273	1269	1259	1248	1230	1209
-67.5°	1084	1091	1091	1095	1091	1091	1084	1080	1073	1059	1045
-70°	913	920	913	902	913	920	913	909	909	906	899
-72.5°	706	688	660	635	660	688	706	731	752	767	760
-75°	517	478	467	456	467	478	517	556	592	620	620
-77.5°	382	342	328	317	328	342	382	421	460	492	496
-80°	282	239	232	225	232	239	282	314	349	385	389
-82.5°	200	164	157	150	157	164	200	228	260	289	296
-85°	125	103	100	93	100	103	125	146	164	182	182
-87.5°	61	50	46	39	46	50	61	75	86	96	93
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622184  
 CATALOG NUMBER: IFLD-S-SA6B-735-U-66

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	89	89	86	89	89	89	89	78	71	64	57
85°	182	182	182	182	182	182	178	164	146	132	118
82.5°	300	303	303	296	285	278	267	243	218	196	175
80°	396	399	403	392	382	371	353	321	289	257	232
77.5°	496	499	496	485	474	460	439	407	374	342	317
75°	620	617	610	596	581	567	549	521	485	446	417
72.5°	752	742	731	713	692	670	649	624	596	563	535
70°	884	870	852	827	802	777	752	720	692	660	631
67.5°	1027	1009	984	956	924	891	859	824	788	752	720
65°	1184	1159	1127	1095	1059	1020	977	934	895	849	809
62.5°	1366	1326	1287	1252	1205	1159	1109	1059	1009	959	906
60°	1583	1533	1487	1430	1373	1316	1255	1195	1130	1073	1009
57.5°	1826	1765	1704	1640	1565	1494	1419	1341	1269	1195	1120
55°	2125	2047	1965	1876	1786	1694	1601	1508	1419	1323	1241
52.5°	2478	2378	2271	2150	2040	1922	1811	1694	1583	1473	1366
50°	2917	2781	2631	2475	2332	2179	2036	1897	1761	1633	1505
47.5°	3452	3263	3059	2867	2671	2471	2300	2132	1961	1801	1658
45°	4100	3840	3566	3323	3059	2824	2585	2378	2179	1997	1815
42.5°	4906	4539	4193	3862	3523	3223	2924	2667	2425	2200	1997
40°	5915	5395	4960	4500	4093	3680	3327	2995	2696	2428	2179
37.5°	7110	6500	5887	5263	4746	4236	3769	3359	2999	2674	2385
35°	8415	7716	6967	6226	5473	4867	4279	3765	3327	2935	2599
32.5°	9795	8960	8130	7270	6397	5559	4863	4225	3676	3227	2831
30°	11025	10183	9281	8343	7367	6390	5484	4742	4090	3523	3066
27.5°	12330	11374	10401	9395	8347	7260	6211	5266	4503	3865	3327
25°	13631	12579	11492	10404	9295	8133	6932	5865	4960	4204	3558
22.5°	14918	13767	12583	11349	10173	8946	7691	6447	5380	4539	3829
20°	16220	14926	13642	12305	10993	9741	8393	7060	5876	4885	4079
17.5°	17461	16056	14601	13143	11759	10394	9021	7652	6333	5199	4329
15°	18634	17068	15503	13931	12422	11021	9581	8165	6764	5530	4546
12.5°	19646	17931	16302	14658	13054	11563	10076	8611	7170	5851	4767
10°	20566	18719	16997	15289	13628	12030	10486	8982	7502	6111	4945
7.5°	21351	19422	17578	15778	14052	12383	10797	9267	7759	6311	5085
5°	21953	19896	17971	16095	14334	12619	11018	9470	7941	6454	5174
2.5°	22239	20178	18181	16270	14576	12829	11217	9652	8094	6589	5270
0°	22381	20281	18277	16419	14679	12915	11271	9677	8090	6607	5277
-2.5°	22239	20178	18181	16270	14576	12829	11217	9652	8094	6589	5270
-5°	21953	19896	17971	16095	14334	12619	11018	9470	7941	6454	5174
-7.5°	21351	19422	17578	15778	14052	12383	10797	9267	7759	6311	5085
-10°	20566	18719	16997	15289	13628	12030	10486	8982	7502	6111	4945
-12.5°	19646	17931	16302	14658	13054	11563	10076	8611	7170	5851	4767
-15°	18634	17068	15503	13931	12422	11021	9581	8165	6764	5530	4546
-17.5°	17461	16056	14601	13143	11759	10394	9021	7652	6333	5199	4329
-20°	16220	14926	13642	12305	10993	9741	8393	7060	5876	4885	4079



REPORT NUMBER: P622184  
 CATALOG NUMBER: IFLD-S-SA6B-735-U-66

**CANDELA DISTRIBUTION (continued):**

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	14918	13767	12583	11349	10173	8946	7691	6447	5380	4539	3829
-25°	13631	12579	11492	10404	9295	8133	6932	5865	4960	4204	3558
-27.5°	12330	11374	10401	9395	8347	7260	6211	5266	4503	3865	3327
-30°	11025	10183	9281	8343	7367	6390	5484	4742	4090	3523	3066
-32.5°	9795	8960	8130	7270	6397	5559	4863	4225	3676	3227	2831
-35°	8415	7716	6967	6226	5473	4867	4279	3765	3327	2935	2599
-37.5°	7110	6500	5887	5263	4746	4236	3769	3359	2999	2674	2385
-40°	5915	5395	4960	4500	4093	3680	3327	2995	2696	2428	2179
-42.5°	4906	4539	4193	3862	3523	3223	2924	2667	2425	2200	1997
-45°	4100	3840	3566	3323	3059	2824	2585	2378	2179	1997	1815
-47.5°	3452	3263	3059	2867	2671	2471	2300	2132	1961	1801	1658
-50°	2917	2781	2631	2475	2332	2179	2036	1897	1761	1633	1505
-52.5°	2478	2378	2271	2150	2040	1922	1811	1694	1583	1473	1366
-55°	2125	2047	1965	1876	1786	1694	1601	1508	1419	1323	1241
-57.5°	1826	1765	1704	1640	1565	1494	1419	1341	1269	1195	1120
-60°	1583	1533	1487	1430	1373	1316	1255	1195	1130	1073	1009
-62.5°	1366	1326	1287	1252	1205	1159	1109	1059	1009	959	906
-65°	1184	1159	1127	1095	1059	1020	977	934	895	849	809
-67.5°	1027	1009	984	956	924	891	859	824	788	752	720
-70°	884	870	852	827	802	777	752	720	692	660	631
-72.5°	752	742	731	713	692	670	649	624	596	563	535
-75°	620	617	610	596	581	567	549	521	485	446	417
-77.5°	496	499	496	485	474	460	439	407	374	342	317
-80°	396	399	403	392	382	371	353	321	289	257	232
-82.5°	300	303	303	296	285	278	267	243	218	196	175
-85°	182	182	182	182	182	182	178	164	146	132	118
-87.5°	89	89	86	89	89	89	89	78	71	64	57
-90°	0	0	0	0	0	0	0	0	0	0	0





REPORT NUMBER: P622184  
 CATALOG NUMBER: IFLD-S-SA6B-735-U-66

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
90°	0	0	0	0	0	0	0	0	0	0	0
87.5°	61	64	68	68	68	64	61	57	50	46	43
85°	125	128	136	139	132	128	118	111	103	93	86
82.5°	185	193	200	200	193	185	175	164	153	139	125
80°	246	257	267	267	257	243	228	214	200	182	164
77.5°	325	332	335	339	325	310	292	267	246	225	203
75°	410	410	414	407	392	382	357	328	296	267	239
72.5°	513	496	489	478	453	431	414	389	346	307	275
70°	603	578	556	535	510	481	460	428	392	346	307
67.5°	688	656	624	596	563	535	503	464	424	382	339
65°	774	735	695	656	620	585	549	503	456	414	367
62.5°	859	813	767	720	678	635	596	542	489	442	392
60°	948	899	845	792	738	688	638	581	524	467	417
57.5°	1052	981	920	859	799	742	681	620	560	499	439
55°	1155	1077	998	931	863	799	727	660	592	528	460
52.5°	1266	1173	1088	1002	927	852	777	706	628	556	474
50°	1387	1277	1177	1080	991	909	827	745	663	585	492
47.5°	1515	1387	1269	1159	1063	963	874	788	699	617	510
45°	1658	1505	1366	1244	1127	1020	924	827	735	638	521
42.5°	1797	1630	1473	1323	1198	1077	973	870	770	656	538
40°	1961	1754	1580	1419	1269	1134	1016	909	806	678	553
37.5°	2132	1893	1690	1505	1341	1195	1066	945	831	699	567
35°	2303	2036	1801	1594	1416	1255	1113	984	856	717	581
32.5°	2482	2179	1911	1683	1487	1316	1159	1020	884	738	592
30°	2678	2328	2025	1769	1555	1369	1205	1055	913	756	603
27.5°	2863	2467	2136	1861	1626	1426	1248	1091	945	774	617
25°	3049	2617	2253	1947	1694	1476	1291	1123	973	795	628
22.5°	3248	2763	2360	2029	1754	1526	1330	1159	998	817	638
20°	3430	2895	2453	2107	1818	1576	1369	1187	1020	838	649
17.5°	3598	3031	2567	2189	1879	1622	1401	1212	1041	856	656
15°	3780	3166	2667	2261	1933	1662	1433	1237	1059	874	660
12.5°	3936	3280	2753	2325	1979	1694	1458	1255	1077	891	667
10°	4065	3373	2824	2375	2015	1722	1476	1273	1088	902	670
7.5°	4165	3444	2877	2414	2043	1744	1494	1284	1098	913	670
5°	4240	3498	2913	2442	2065	1761	1508	1294	1109	927	674
2.5°	4307	3555	2942	2467	2082	1776	1519	1301	1109	924	667
0°	4318	3566	2938	2467	2082	1779	1519	1301	1105	920	660
-2.5°	4307	3555	2942	2467	2082	1776	1519	1301	1109	924	667
-5°	4240	3498	2913	2442	2065	1761	1508	1294	1109	927	674
-7.5°	4165	3444	2877	2414	2043	1744	1494	1284	1098	913	670
-10°	4065	3373	2824	2375	2015	1722	1476	1273	1088	902	670
-12.5°	3936	3280	2753	2325	1979	1694	1458	1255	1077	891	667
-15°	3780	3166	2667	2261	1933	1662	1433	1237	1059	874	660
-17.5°	3598	3031	2567	2189	1879	1622	1401	1212	1041	856	656
-20°	3430	2895	2453	2107	1818	1576	1369	1187	1020	838	649



REPORT NUMBER: P622184  
 CATALOG NUMBER: IFLD-S-SA6B-735-U-66

**CANDELA DISTRIBUTION (continued):**

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3248	2763	2360	2029	1754	1526	1330	1159	998	817	638
-25°	3049	2617	2253	1947	1694	1476	1291	1123	973	795	628
-27.5°	2863	2467	2136	1861	1626	1426	1248	1091	945	774	617
-30°	2678	2328	2025	1769	1555	1369	1205	1055	913	756	603
-32.5°	2482	2179	1911	1683	1487	1316	1159	1020	884	738	592
-35°	2303	2036	1801	1594	1416	1255	1113	984	856	717	581
-37.5°	2132	1893	1690	1505	1341	1195	1066	945	831	699	567
-40°	1961	1754	1580	1419	1269	1134	1016	909	806	678	553
-42.5°	1797	1630	1473	1323	1198	1077	973	870	770	656	538
-45°	1658	1505	1366	1244	1127	1020	924	827	735	638	521
-47.5°	1515	1387	1269	1159	1063	963	874	788	699	617	510
-50°	1387	1277	1177	1080	991	909	827	745	663	585	492
-52.5°	1266	1173	1088	1002	927	852	777	706	628	556	474
-55°	1155	1077	998	931	863	799	727	660	592	528	460
-57.5°	1052	981	920	859	799	742	681	620	560	499	439
-60°	948	899	845	792	738	688	638	581	524	467	417
-62.5°	859	813	767	720	678	635	596	542	489	442	392
-65°	774	735	695	656	620	585	549	503	456	414	367
-67.5°	688	656	624	596	563	535	503	464	424	382	339
-70°	603	578	556	535	510	481	460	428	392	346	307
-72.5°	513	496	489	478	453	431	414	389	346	307	275
-75°	410	410	414	407	392	382	357	328	296	267	239
-77.5°	325	332	335	339	325	310	292	267	246	225	203
-80°	246	257	267	267	257	243	228	214	200	182	164
-82.5°	185	193	200	200	193	185	175	164	153	139	125
-85°	125	128	136	139	132	128	118	111	103	93	86
-87.5°	61	64	68	68	68	64	61	57	50	46	43
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622184

CATALOG NUMBER: IFLD-S-SA6B-735-U-66

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
90°	0	0	0	0	0	0	0
87.5°	36	29	21	14	7	4	0
85°	75	57	39	25	14	7	0
82.5°	111	82	61	39	25	11	0
80°	146	111	78	54	32	14	0
77.5°	178	136	100	64	39	18	0
75°	207	157	118	78	46	21	0
72.5°	235	178	132	89	54	25	0
70°	264	200	146	103	61	29	0
67.5°	285	218	161	111	68	32	0
65°	303	235	171	118	75	32	0
62.5°	321	250	182	125	82	36	0
60°	342	264	196	132	86	39	0
57.5°	357	275	203	139	89	43	0
55°	371	289	210	146	96	46	0
52.5°	385	300	221	150	100	46	0
50°	396	310	228	153	103	50	0
47.5°	410	317	232	157	107	54	0
45°	421	328	239	161	111	54	0
42.5°	431	335	243	164	111	57	0
40°	442	339	250	171	114	61	0
37.5°	449	346	253	175	118	61	0
35°	453	349	257	178	121	64	0
32.5°	460	357	260	185	121	64	0
30°	471	357	260	189	125	64	0
27.5°	478	360	267	189	125	68	0
25°	481	360	271	193	128	68	0
22.5°	485	364	275	196	128	68	0
20°	489	367	278	200	132	71	0
17.5°	492	374	282	200	132	71	0
15°	499	378	282	200	132	75	0
12.5°	503	378	282	203	132	75	0
10°	506	382	282	203	136	71	0
7.5°	506	382	285	203	136	71	0
5°	506	385	282	203	132	71	0
2.5°	499	385	282	200	132	71	0
0°	496	382	278	200	132	71	0
-2.5°	499	385	282	200	132	71	0
-5°	506	385	282	203	132	71	0
-7.5°	506	382	285	203	136	71	0
-10°	506	382	282	203	136	71	0
-12.5°	503	378	282	203	132	75	0
-15°	499	378	282	200	132	75	0
-17.5°	492	374	282	200	132	71	0
-20°	489	367	278	200	132	71	0



REPORT NUMBER: P622184  
 CATALOG NUMBER: IFLD-S-SA6B-735-U-66

**CANDELA DISTRIBUTION (continued):**

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	485	364	275	196	128	68	0
-25°	481	360	271	193	128	68	0
-27.5°	478	360	267	189	125	68	0
-30°	471	357	260	189	125	64	0
-32.5°	460	357	260	185	121	64	0
-35°	453	349	257	178	121	64	0
-37.5°	449	346	253	175	118	61	0
-40°	442	339	250	171	114	61	0
-42.5°	431	335	243	164	111	57	0
-45°	421	328	239	161	111	54	0
-47.5°	410	317	232	157	107	54	0
-50°	396	310	228	153	103	50	0
-52.5°	385	300	221	150	100	46	0
-55°	371	289	210	146	96	46	0
-57.5°	357	275	203	139	89	43	0
-60°	342	264	196	132	86	39	0
-62.5°	321	250	182	125	82	36	0
-65°	303	235	171	118	75	32	0
-67.5°	285	218	161	111	68	32	0
-70°	264	200	146	103	61	29	0
-72.5°	235	178	132	89	54	25	0
-75°	207	157	118	78	46	21	0
-77.5°	178	136	100	64	39	18	0
-80°	146	111	78	54	32	14	0
-82.5°	111	82	61	39	25	11	0
-85°	75	57	39	25	14	7	0
-87.5°	36	29	21	14	7	4	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)