

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: P622128

Luminaire Tested: **IFLD-S-SA6D-727-U-66**

Issue Date: 09/20/2022

Test Information

Test Method: LM-79-2019
Report Number: P622128
Test Lab: INNOVATION CENTER(G2)
Issue Date: 09/20/2022
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: STREETWORKS
Catalog Number: IFLD-S-SA6D-727-U-66
Description: Infrastructure Flood – Middle Tier Light Square Luminaire w/ Nema 6 distribution lens
Light Source: (96) 2700K CCT, 70 CRI LEDS
Ballast/Driver: ELECTRONIC DRIVER

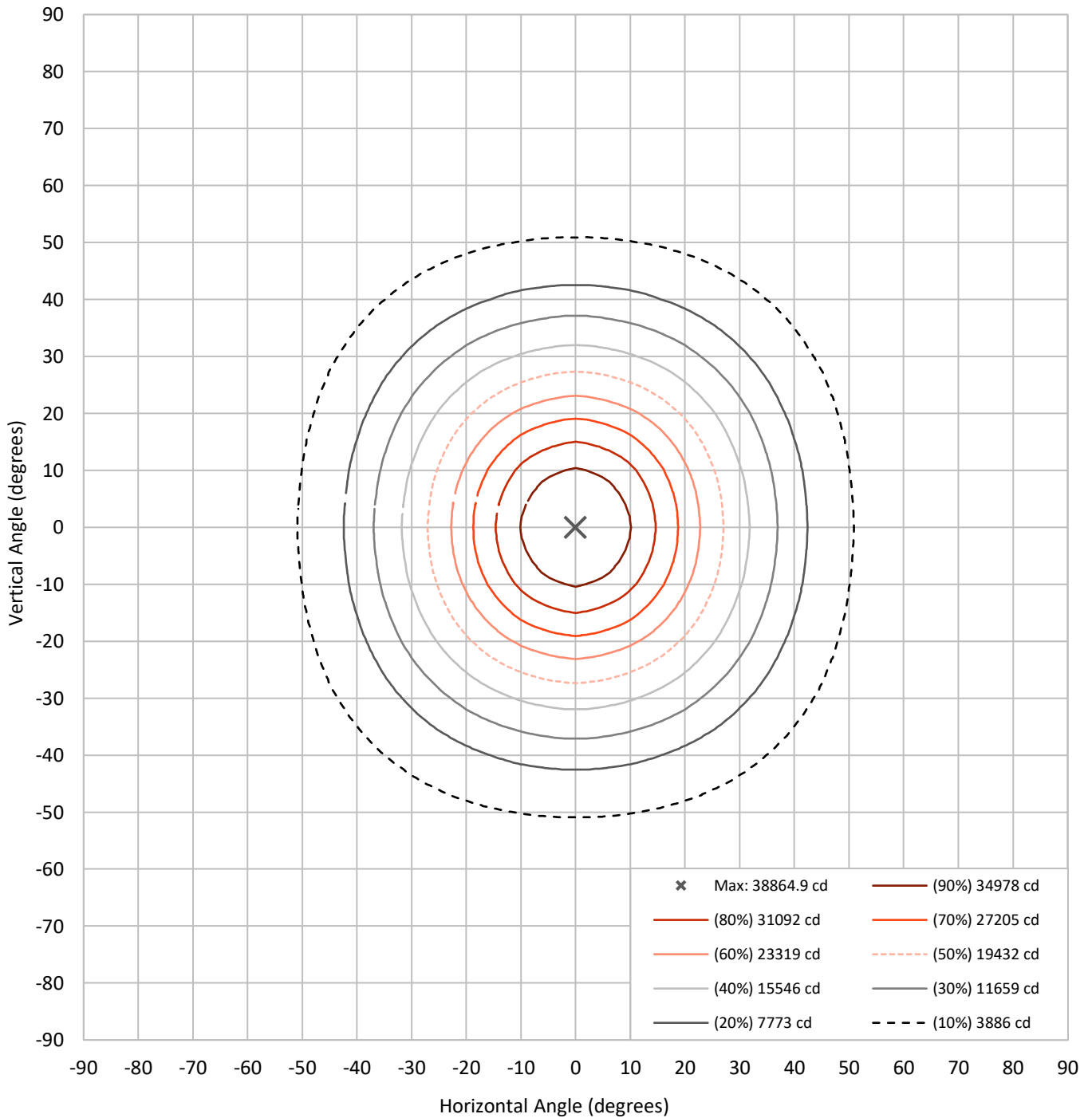
Summary

Lumens per Lamp:	N/A	NEMA Type:	6H x 6V
Luminaire Lumens:	40309.3 lumens	Max Intensity:	38864.9 candela
Efficiency:	N/A	Max Intensity Angle:	0°H x 0°V
Efficacy:	109.5 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:	19380.8 lumens	Field Lumens:	35375.4 lumens
Beam Efficiency:	48.1%	Field Efficiency:	87.8%
Input Watts (W):	368.2		
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: P622128
CATALOG NUMBER: IFLD-S-SA6D-727-U-66

Iso-Candela Plot





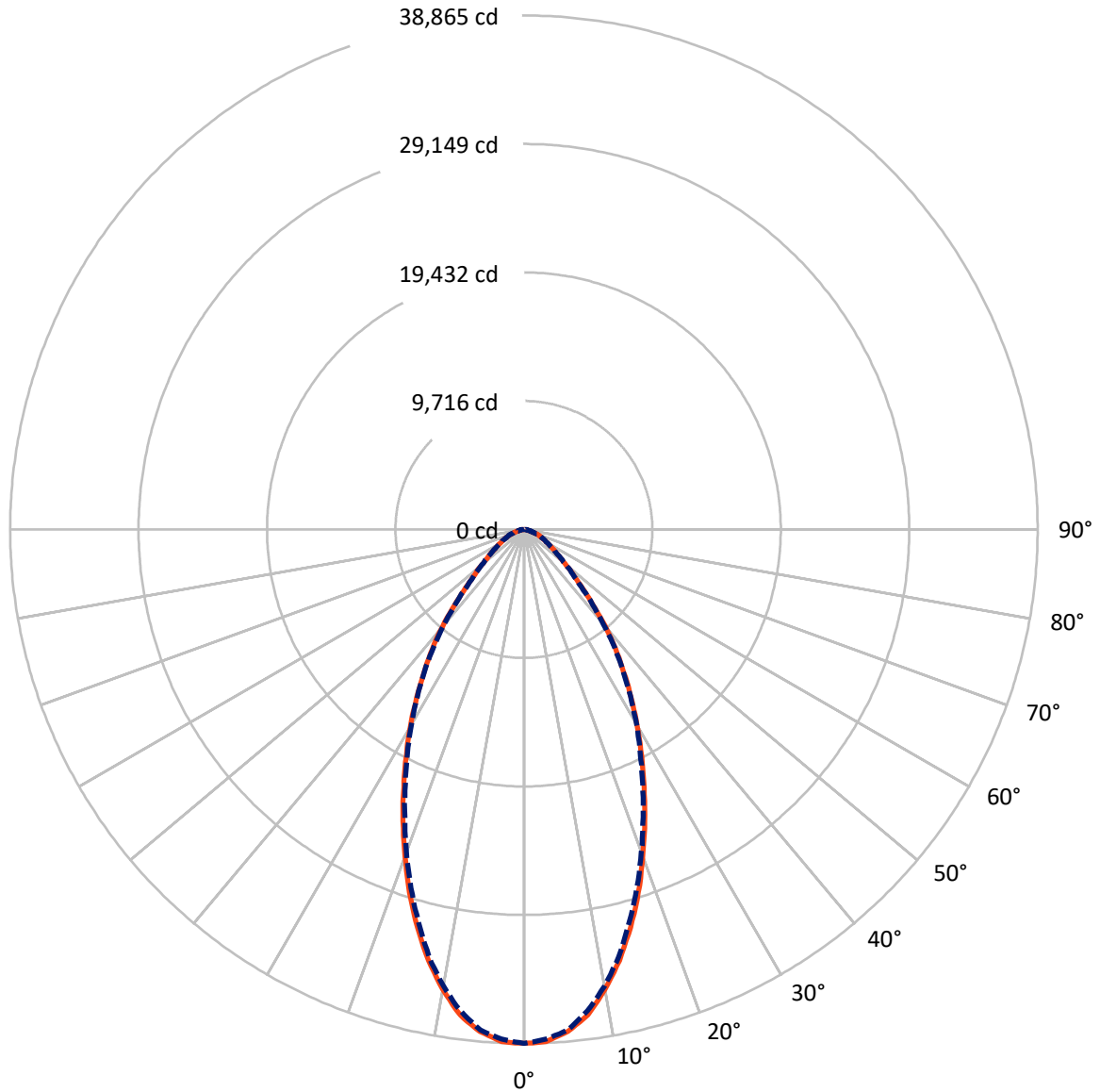
REPORT NUMBER: P622128
 CATALOG NUMBER: IFLD-S-SA6D-727-U-66

Lumen Table

90	2.8	17.3	34.8	53.0	45.5	53.0	34.8	17.3	2.8							
80	2.8	17.3	34.8	53.0	45.5	53.0	34.8	17.3	2.8							
70	7.1	7.6	13.4	20.4	28.6	36.5	42.6	45.7	45.7	42.6	36.5	28.6	20.4	13.4	7.6	7.1
60		10.0	19.1	31.3	47.0	64.0	79.3	88.5	88.5	79.3	64.0	47.0	31.3	19.1	10.0	
50	9.5	12.5	25.6	46.1	76.6	117.4	161.7	191.7	191.7	161.7	117.4	76.6	46.1	25.6	12.5	9.5
40		14.9	33.0	66.4	127.4	225.4	327.8	391.4	391.4	327.8	225.4	127.4	66.4	33.0	14.9	
30	11.0	17.2	40.6	92.1	203.9	368.0	528.7	634.5	634.5	528.7	368.0	203.9	92.1	40.6	17.2	11.0
20		18.9	47.4	118.4	277.8	495.6	733.9	906.1	906.1	733.9	495.6	277.8	118.4	47.4	18.9	
10	11.5	19.9	51.5	135.8	320.7	574.8	875.3	1100.2	1100.2	875.3	574.8	320.7	135.8	51.5	19.9	11.5
0		19.9	51.5	135.8	320.7	574.8	875.3	1100.2	1100.2	875.3	574.8	320.7	135.8	51.5	19.9	
-10	11.0	18.9	47.4	118.4	277.8	495.6	733.9	906.1	906.1	733.9	495.6	277.8	118.4	47.4	18.9	11.0
-20		17.2	40.6	92.1	203.9	368.0	528.7	634.5	634.5	528.7	368.0	203.9	92.1	40.6	17.2	
-30	9.5	14.9	33.0	66.4	127.4	225.4	327.8	391.4	391.4	327.8	225.4	127.4	66.4	33.0	14.9	9.5
-40		12.5	25.6	46.1	76.6	117.4	161.7	191.7	191.7	161.7	117.4	76.6	46.1	25.6	12.5	
-50	7.1	10.0	19.1	31.3	47.0	64.0	79.3	88.5	88.5	79.3	64.0	47.0	31.3	19.1	10.0	7.1
-60		7.6	13.4	20.4	28.6	36.5	42.6	45.7	45.7	42.6	36.5	28.6	20.4	13.4	7.6	
-70	2.8	17.3	34.8	53.0	45.5	53.0	34.8	17.3	2.8							
-80		2.8	17.3	34.8	53.0	45.5	53.0	34.8	17.3	2.8						
-90	2.8	17.3	34.8	53.0	45.5	53.0	34.8	17.3	2.8							

REPORT NUMBER: P622128
CATALOG NUMBER: IFLD-S-SA6D-727-U-66

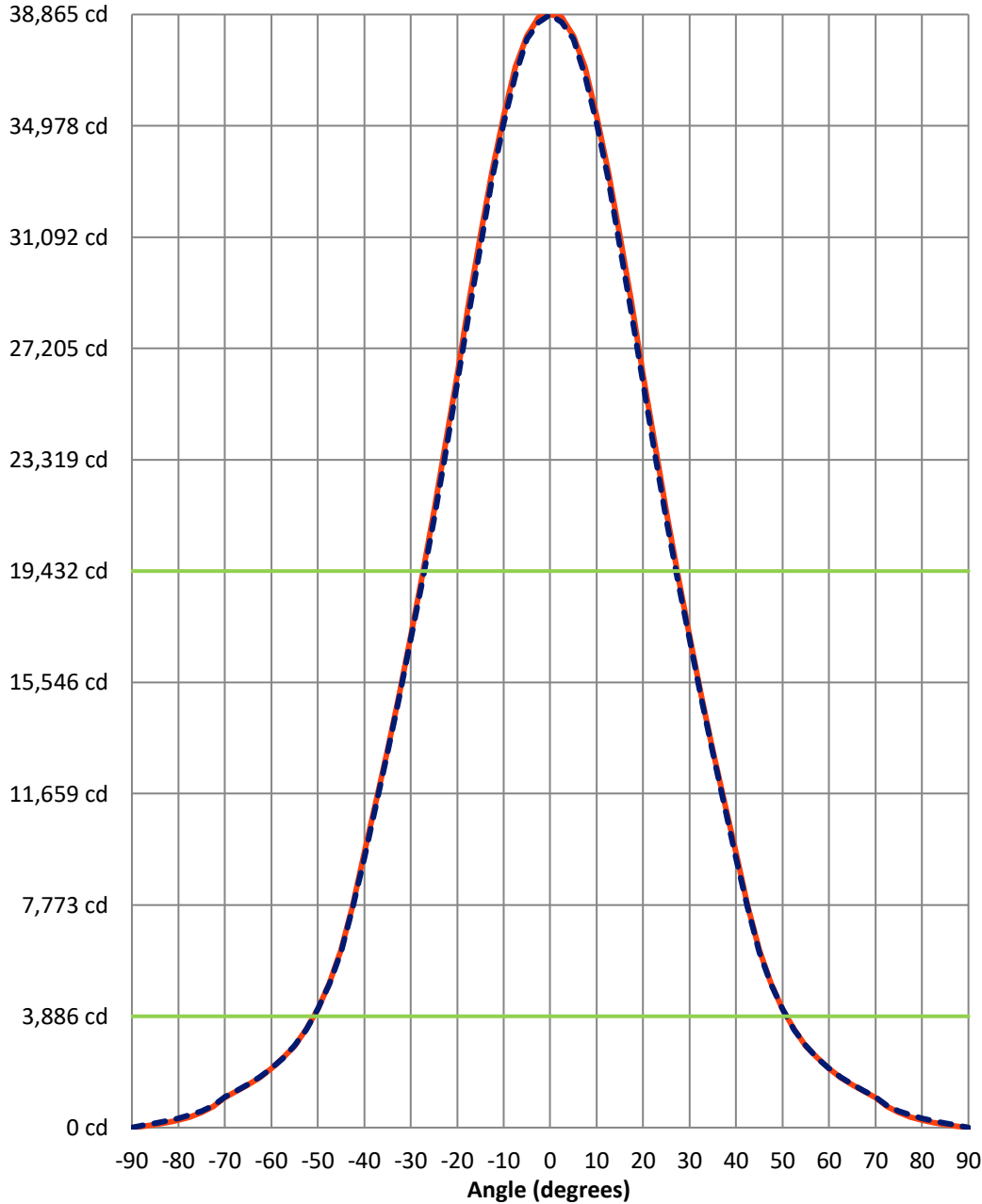
Luminous Intensity Polar Plot



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

REPORT NUMBER: P622128
 CATALOG NUMBER: IFLD-S-SA6D-727-U-66

Luminous Intensity Plot



Beam:
 H Angle: 54.2°
 V Angle: 54.7°
 Lumens: 19380.8
 Efficiency: 48.1%

Field:
 H Angle: 101.7°
 V Angle: 101.8°
 Lumens: 35375.4
 Efficiency: 87.8%

Spill:
 Lumens: 4933.9
 Efficiency: 12.2%

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



REPORT NUMBER: P622128
 CATALOG NUMBER: IFLD-S-SA6D-727-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	8	17	25	33	41	50	54	58	66
85°	0	8	17	29	46	66	87	99	108	120	128
82.5°	0	12	29	46	70	95	128	145	162	178	191
80°	0	17	37	62	91	128	170	191	211	232	249
77.5°	0	21	46	75	116	157	207	236	261	286	311
75°	0	25	54	91	137	182	240	278	311	344	381
72.5°	0	29	62	104	153	207	273	319	356	402	451
70°	0	33	70	120	170	232	306	356	402	456	497
67.5°	0	37	79	128	186	253	331	393	443	493	538
65°	0	37	87	137	199	273	352	427	480	530	584
62.5°	0	41	95	145	211	290	373	456	514	567	630
60°	0	46	99	153	228	306	398	485	543	609	675
57.5°	0	50	104	162	236	319	414	509	580	650	721
55°	0	54	112	170	244	335	431	534	613	687	766
52.5°	0	54	116	174	257	348	447	551	646	729	820
50°	0	58	120	178	265	360	460	572	679	770	866
47.5°	0	62	124	182	269	369	476	592	716	812	915
45°	0	62	128	186	278	381	489	605	741	853	961
42.5°	0	66	128	191	282	389	501	625	762	895	1010
40°	0	70	133	199	290	393	514	642	787	936	1056
37.5°	0	70	137	203	294	402	522	658	812	965	1097
35°	0	75	141	207	298	406	526	675	832	994	1143
32.5°	0	75	141	215	302	414	534	687	857	1027	1184
30°	0	75	145	220	302	414	547	700	878	1060	1226
27.5°	0	79	145	220	311	418	555	716	899	1097	1267
25°	0	79	149	224	315	418	559	729	924	1131	1305
22.5°	0	79	149	228	319	422	563	741	948	1160	1346
20°	0	83	153	232	323	427	567	754	973	1184	1379
17.5°	0	83	153	232	327	435	572	762	994	1209	1408
15°	0	87	153	232	327	439	580	766	1015	1230	1437
12.5°	0	87	153	236	327	439	584	774	1035	1251	1458
10°	0	83	157	236	327	443	588	779	1048	1263	1478
7.5°	0	83	157	236	331	443	588	779	1060	1276	1491
5°	0	83	153	236	327	447	588	783	1077	1288	1503
2.5°	0	83	153	232	327	447	580	774	1073	1288	1512
0°	0	83	153	232	323	443	576	766	1068	1284	1512
-2.5°	0	83	153	232	327	447	580	774	1073	1288	1512
-5°	0	83	153	236	327	447	588	783	1077	1288	1503
-7.5°	0	83	157	236	331	443	588	779	1060	1276	1491
-10°	0	83	157	236	327	443	588	779	1048	1263	1478
-12.5°	0	87	153	236	327	439	584	774	1035	1251	1458
-15°	0	87	153	232	327	439	580	766	1015	1230	1437
-17.5°	0	83	153	232	327	435	572	762	994	1209	1408
-20°	0	83	153	232	323	427	567	754	973	1184	1379



REPORT NUMBER: P622128
 CATALOG NUMBER: IFLD-S-SA6D-727-U-66

CANDELA DISTRIBUTION (continued):

	-90°	-87.5°	-85°	-82.5°	-80°	-77.5°	-75°	-72.5°	-70°	-67.5°	-65°
-22.5°	0	79	149	228	319	422	563	741	948	1160	1346
-25°	0	79	149	224	315	418	559	729	924	1131	1305
-27.5°	0	79	145	220	311	418	555	716	899	1097	1267
-30°	0	75	145	220	302	414	547	700	878	1060	1226
-32.5°	0	75	141	215	302	414	534	687	857	1027	1184
-35°	0	75	141	207	298	406	526	675	832	994	1143
-37.5°	0	70	137	203	294	402	522	658	812	965	1097
-40°	0	70	133	199	290	393	514	642	787	936	1056
-42.5°	0	66	128	191	282	389	501	625	762	895	1010
-45°	0	62	128	186	278	381	489	605	741	853	961
-47.5°	0	62	124	182	269	369	476	592	716	812	915
-50°	0	58	120	178	265	360	460	572	679	770	866
-52.5°	0	54	116	174	257	348	447	551	646	729	820
-55°	0	54	112	170	244	335	431	534	613	687	766
-57.5°	0	50	104	162	236	319	414	509	580	650	721
-60°	0	46	99	153	228	306	398	485	543	609	675
-62.5°	0	41	95	145	211	290	373	456	514	567	630
-65°	0	37	87	137	199	273	352	427	480	530	584
-67.5°	0	37	79	128	186	253	331	393	443	493	538
-70°	0	33	70	120	170	232	306	356	402	456	497
-72.5°	0	29	62	104	153	207	273	319	356	402	451
-75°	0	25	54	91	137	182	240	278	311	344	381
-77.5°	0	21	46	75	116	157	207	236	261	286	311
-80°	0	17	37	62	91	128	170	191	211	232	249
-82.5°	0	12	29	46	70	95	128	145	162	178	191
-85°	0	8	17	29	46	66	87	99	108	120	128
-87.5°	0	4	8	17	25	33	41	50	54	58	66
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622128
 CATALOG NUMBER: IFLD-S-SA6D-727-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°	70	75	79	79	79	75	70	66	75	83	91
85°	137	149	153	162	157	149	145	137	153	170	191
82.5°	203	215	224	232	232	224	215	203	228	253	282
80°	265	282	298	311	311	298	286	269	298	335	373
77.5°	340	360	377	393	389	385	377	369	398	435	472
75°	414	443	456	472	480	476	476	485	518	563	605
72.5°	480	501	526	555	567	576	596	621	654	692	725
70°	534	559	592	621	646	671	700	733	766	803	837
67.5°	584	621	654	692	725	762	799	837	874	915	957
65°	638	679	721	762	808	853	899	940	986	1039	1085
62.5°	692	737	787	837	890	944	998	1052	1114	1172	1230
60°	741	799	857	919	982	1044	1102	1172	1247	1313	1387
57.5°	791	861	928	998	1068	1139	1222	1300	1387	1474	1557
55°	845	928	1002	1081	1160	1251	1342	1441	1536	1648	1752
52.5°	903	990	1077	1164	1263	1362	1470	1586	1710	1839	1967
50°	961	1056	1151	1255	1367	1483	1611	1748	1897	2046	2203
47.5°	1015	1118	1234	1346	1474	1611	1760	1926	2091	2278	2476
45°	1073	1184	1309	1445	1586	1748	1926	2108	2319	2530	2762
42.5°	1131	1251	1391	1536	1710	1893	2087	2319	2555	2816	3098
40°	1180	1317	1474	1648	1835	2038	2278	2530	2820	3131	3479
37.5°	1238	1387	1557	1748	1963	2199	2476	2770	3106	3483	3901
35°	1292	1458	1644	1851	2091	2365	2675	3019	3408	3864	4373
32.5°	1346	1528	1727	1955	2220	2530	2882	3288	3748	4270	4907
30°	1400	1590	1806	2054	2352	2704	3110	3561	4092	4750	5508
27.5°	1449	1657	1888	2162	2481	2866	3325	3864	4489	5230	6117
25°	1499	1714	1967	2261	2617	3040	3541	4133	4882	5760	6812
22.5°	1545	1772	2038	2356	2742	3209	3773	4448	5272	6249	7487
20°	1590	1830	2112	2447	2849	3363	3984	4738	5673	6825	8200
17.5°	1628	1884	2182	2543	2982	3520	4178	5027	6038	7355	8887
15°	1665	1930	2245	2626	3098	3677	4390	5280	6423	7856	9483
12.5°	1694	1967	2298	2700	3197	3810	4572	5537	6796	8328	10001
10°	1714	2000	2340	2758	3280	3918	4721	5744	7098	8713	10432
7.5°	1735	2025	2373	2804	3342	4000	4837	5905	7330	9011	10763
5°	1752	2046	2398	2837	3383	4063	4924	6009	7496	9222	10999
2.5°	1764	2062	2418	2866	3417	4129	5003	6121	7653	9401	11210
0°	1764	2066	2418	2866	3412	4141	5015	6129	7674	9396	11239
-2.5°	1764	2062	2418	2866	3417	4129	5003	6121	7653	9401	11210
-5°	1752	2046	2398	2837	3383	4063	4924	6009	7496	9222	10999
-7.5°	1735	2025	2373	2804	3342	4000	4837	5905	7330	9011	10763
-10°	1714	2000	2340	2758	3280	3918	4721	5744	7098	8713	10432
-12.5°	1694	1967	2298	2700	3197	3810	4572	5537	6796	8328	10001
-15°	1665	1930	2245	2626	3098	3677	4390	5280	6423	7856	9483
-17.5°	1628	1884	2182	2543	2982	3520	4178	5027	6038	7355	8887
-20°	1590	1830	2112	2447	2849	3363	3984	4738	5673	6825	8200



REPORT NUMBER: P622128
 CATALOG NUMBER: IFLD-S-SA6D-727-U-66

CANDELA DISTRIBUTION (continued):

	-62.5°	-60°	-57.5°	-55°	-52.5°	-50°	-47.5°	-45°	-42.5°	-40°	-37.5°
-22.5°	1545	1772	2038	2356	2742	3209	3773	4448	5272	6249	7487
-25°	1499	1714	1967	2261	2617	3040	3541	4133	4882	5760	6812
-27.5°	1449	1657	1888	2162	2481	2866	3325	3864	4489	5230	6117
-30°	1400	1590	1806	2054	2352	2704	3110	3561	4092	4750	5508
-32.5°	1346	1528	1727	1955	2220	2530	2882	3288	3748	4270	4907
-35°	1292	1458	1644	1851	2091	2365	2675	3019	3408	3864	4373
-37.5°	1238	1387	1557	1748	1963	2199	2476	2770	3106	3483	3901
-40°	1180	1317	1474	1648	1835	2038	2278	2530	2820	3131	3479
-42.5°	1131	1251	1391	1536	1710	1893	2087	2319	2555	2816	3098
-45°	1073	1184	1309	1445	1586	1748	1926	2108	2319	2530	2762
-47.5°	1015	1118	1234	1346	1474	1611	1760	1926	2091	2278	2476
-50°	961	1056	1151	1255	1367	1483	1611	1748	1897	2046	2203
-52.5°	903	990	1077	1164	1263	1362	1470	1586	1710	1839	1967
-55°	845	928	1002	1081	1160	1251	1342	1441	1536	1648	1752
-57.5°	791	861	928	998	1068	1139	1222	1300	1387	1474	1557
-60°	741	799	857	919	982	1044	1102	1172	1247	1313	1387
-62.5°	692	737	787	837	890	944	998	1052	1114	1172	1230
-65°	638	679	721	762	808	853	899	940	986	1039	1085
-67.5°	584	621	654	692	725	762	799	837	874	915	957
-70°	534	559	592	621	646	671	700	733	766	803	837
-72.5°	480	501	526	555	567	576	596	621	654	692	725
-75°	414	443	456	472	480	476	476	485	518	563	605
-77.5°	340	360	377	393	389	385	377	369	398	435	472
-80°	265	282	298	311	311	298	286	269	298	335	373
-82.5°	203	215	224	232	232	224	215	203	228	253	282
-85°	137	149	153	162	157	149	145	137	153	170	191
-87.5°	70	75	79	79	79	75	70	66	75	83	91
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622128
 CATALOG NUMBER: IFLD-S-SA6D-727-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°	104	104	104	104	99	104	104	108	112	99	87
85°	207	211	211	211	211	211	211	211	211	191	170
82.5°	311	323	331	344	352	352	348	344	335	302	265
80°	410	431	443	456	468	464	460	451	447	406	364
77.5°	509	534	551	563	576	580	576	576	572	534	489
75°	638	658	675	692	708	716	721	721	721	687	646
72.5°	754	779	803	828	849	861	874	882	890	874	849
70°	874	903	932	961	990	1010	1027	1044	1052	1056	1056
67.5°	998	1035	1073	1110	1143	1172	1193	1213	1230	1247	1255
65°	1135	1184	1230	1271	1309	1346	1375	1404	1429	1449	1462
62.5°	1288	1346	1400	1454	1495	1541	1586	1628	1661	1690	1710
60°	1458	1528	1594	1661	1727	1781	1839	1888	1930	1967	2000
57.5°	1648	1735	1818	1905	1980	2050	2120	2191	2253	2303	2344
55°	1859	1967	2075	2178	2282	2377	2468	2559	2642	2708	2766
52.5°	2104	2232	2369	2497	2638	2762	2878	3002	3114	3214	3296
50°	2365	2530	2708	2874	3056	3230	3388	3545	3702	3839	3951
47.5°	2671	2870	3102	3330	3553	3789	4009	4216	4431	4613	4767
45°	3002	3280	3553	3860	4141	4460	4762	5065	5330	5595	5818
42.5°	3396	3744	4092	4485	4870	5272	5698	6079	6477	6866	7189
40°	3864	4274	4754	5226	5760	6266	6870	7404	7910	8402	8821
37.5°	4377	4920	5512	6112	6837	7549	8258	8928	9529	10080	10519
35°	4969	5653	6357	7231	8092	8962	9773	10535	11218	11778	12241
32.5°	5649	6456	7429	8444	9442	10407	11376	12130	12842	13480	14026
30°	6369	7421	8556	9690	10780	11827	12805	13711	14540	15256	15869
27.5°	7214	8431	9695	10912	12080	13210	14320	15356	16262	17016	17778
25°	8050	9446	10796	12084	13347	14610	15832	16995	18056	18979	19803
22.5°	8933	10390	11815	13181	14614	15989	17327	18652	19869	20934	21861
20°	9748	11314	12767	14291	15844	17335	18838	20271	21629	22913	23969
17.5°	10477	12072	13658	15264	16958	18648	20279	21832	23381	24876	26193
15°	11127	12800	14428	16180	18006	19824	21642	23352	25096	26752	28226
12.5°	11703	13430	15161	17024	18933	20826	22818	24806	26740	28524	30123
10°	12179	13972	15828	17757	19741	21741	23886	26094	28164	30061	31800
7.5°	12540	14382	16320	18325	20416	22557	24797	27046	29237	31274	33096
5°	12796	14656	16648	18693	20872	23108	25497	27895	30131	32239	34103
2.5°	13028	14900	16929	18896	21116	23435	25829	28313	30599	32765	34840
0°	13090	14999	17049	19070	21228	23555	25994	28421	30765	33117	35068
-2.5°	13028	14900	16929	18896	21116	23435	25829	28313	30599	32765	34840
-5°	12796	14656	16648	18693	20872	23108	25497	27895	30131	32239	34103
-7.5°	12540	14382	16320	18325	20416	22557	24797	27046	29237	31274	33096
-10°	12179	13972	15828	17757	19741	21741	23886	26094	28164	30061	31800
-12.5°	11703	13430	15161	17024	18933	20826	22818	24806	26740	28524	30123
-15°	11127	12800	14428	16180	18006	19824	21642	23352	25096	26752	28226
-17.5°	10477	12072	13658	15264	16958	18648	20279	21832	23381	24876	26193
-20°	9748	11314	12767	14291	15844	17335	18838	20271	21629	22913	23969



REPORT NUMBER: P622128
 CATALOG NUMBER: IFLD-S-SA6D-727-U-66

CANDELA DISTRIBUTION (continued):

	-35°	-32.5°	-30°	-27.5°	-25°	-22.5°	-20°	-17.5°	-15°	-12.5°	-10°
-22.5°	8933	10390	11815	13181	14614	15989	17327	18652	19869	20934	21861
-25°	8050	9446	10796	12084	13347	14610	15832	16995	18056	18979	19803
-27.5°	7214	8431	9695	10912	12080	13210	14320	15356	16262	17016	17778
-30°	6369	7421	8556	9690	10780	11827	12805	13711	14540	15256	15869
-32.5°	5649	6456	7429	8444	9442	10407	11376	12130	12842	13480	14026
-35°	4969	5653	6357	7231	8092	8962	9773	10535	11218	11778	12241
-37.5°	4377	4920	5512	6112	6837	7549	8258	8928	9529	10080	10519
-40°	3864	4274	4754	5226	5760	6266	6870	7404	7910	8402	8821
-42.5°	3396	3744	4092	4485	4870	5272	5698	6079	6477	6866	7189
-45°	3002	3280	3553	3860	4141	4460	4762	5065	5330	5595	5818
-47.5°	2671	2870	3102	3330	3553	3789	4009	4216	4431	4613	4767
-50°	2365	2530	2708	2874	3056	3230	3388	3545	3702	3839	3951
-52.5°	2104	2232	2369	2497	2638	2762	2878	3002	3114	3214	3296
-55°	1859	1967	2075	2178	2282	2377	2468	2559	2642	2708	2766
-57.5°	1648	1735	1818	1905	1980	2050	2120	2191	2253	2303	2344
-60°	1458	1528	1594	1661	1727	1781	1839	1888	1930	1967	2000
-62.5°	1288	1346	1400	1454	1495	1541	1586	1628	1661	1690	1710
-65°	1135	1184	1230	1271	1309	1346	1375	1404	1429	1449	1462
-67.5°	998	1035	1073	1110	1143	1172	1193	1213	1230	1247	1255
-70°	874	903	932	961	990	1010	1027	1044	1052	1056	1056
-72.5°	754	779	803	828	849	861	874	882	890	874	849
-75°	638	658	675	692	708	716	721	721	721	687	646
-77.5°	509	534	551	563	576	580	576	576	572	534	489
-80°	410	431	443	456	468	464	460	451	447	406	364
-82.5°	311	323	331	344	352	352	348	344	335	302	265
-85°	207	211	211	211	211	211	211	211	211	191	170
-87.5°	104	104	104	104	99	104	104	108	112	99	87
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622128
 CATALOG NUMBER: IFLD-S-SA6D-727-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°	70	58	54	46	54	58	70	87	99	112	108
85°	145	120	116	108	116	120	145	170	191	211	211
82.5°	232	191	182	174	182	191	232	265	302	335	344
80°	327	278	269	261	269	278	327	364	406	447	451
77.5°	443	398	381	369	381	398	443	489	534	572	576
75°	601	555	543	530	543	555	601	646	687	721	721
72.5°	820	799	766	737	766	799	820	849	874	890	882
70°	1060	1068	1060	1048	1060	1068	1060	1056	1056	1052	1044
67.5°	1259	1267	1267	1271	1267	1267	1259	1255	1247	1230	1213
65°	1474	1478	1491	1495	1491	1478	1474	1462	1449	1429	1404
62.5°	1723	1735	1743	1743	1743	1735	1723	1710	1690	1661	1628
60°	2021	2038	2058	2062	2058	2038	2021	2000	1967	1930	1888
57.5°	2377	2398	2427	2435	2427	2398	2377	2344	2303	2253	2191
55°	2808	2837	2853	2845	2853	2837	2808	2766	2708	2642	2559
52.5°	3367	3417	3450	3433	3450	3417	3367	3296	3214	3114	3002
50°	4042	4104	4145	4133	4145	4104	4042	3951	3839	3702	3545
47.5°	4887	4974	5044	5048	5044	4974	4887	4767	4613	4431	4216
45°	5996	6125	6220	6204	6220	6125	5996	5818	5595	5330	5065
42.5°	7438	7616	7756	7744	7756	7616	7438	7189	6866	6477	6079
40°	9131	9351	9537	9587	9537	9351	9131	8821	8402	7910	7404
37.5°	10875	11156	11392	11368	11392	11156	10875	10519	10080	9529	8928
35°	12626	12921	13152	13173	13152	12921	12626	12241	11778	11218	10535
32.5°	14461	14788	15062	15099	15062	14788	14461	14026	13480	12842	12130
30°	16374	16768	17095	17161	17095	16768	16374	15869	15256	14540	13711
27.5°	18387	18855	19165	19285	19165	18855	18387	17778	17016	16262	15356
25°	20462	20971	21319	21513	21319	20971	20462	19803	18979	18056	16995
22.5°	22627	23232	23683	23899	23683	23232	22627	21861	20934	19869	18652
20°	24864	25522	26048	26272	26048	25522	24864	23969	22913	21629	20271
17.5°	27141	27945	28529	28814	28529	27945	27141	26193	24876	23381	21832
15°	29353	30206	30839	31146	30839	30206	29353	28226	26752	25096	23352
12.5°	31403	32305	32939	33382	32939	32305	31403	30123	28524	26740	24806
10°	33233	34219	34860	35320	34860	34219	33233	31800	30061	28164	26094
7.5°	34604	35850	36575	37026	36575	35850	34604	33096	31274	29237	27046
5°	35656	37030	37689	38115	37689	37030	35656	34103	32239	30131	27895
2.5°	36426	37511	38335	38761	38335	37511	36426	34840	32765	30599	28313
0°	36728	38004	38588	38865	38588	38004	36728	35068	33117	30765	28421
-2.5°	36426	37511	38335	38761	38335	37511	36426	34840	32765	30599	28313
-5°	35656	37030	37689	38115	37689	37030	35656	34103	32239	30131	27895
-7.5°	34604	35850	36575	37026	36575	35850	34604	33096	31274	29237	27046
-10°	33233	34219	34860	35320	34860	34219	33233	31800	30061	28164	26094
-12.5°	31403	32305	32939	33382	32939	32305	31403	30123	28524	26740	24806
-15°	29353	30206	30839	31146	30839	30206	29353	28226	26752	25096	23352
-17.5°	27141	27945	28529	28814	28529	27945	27141	26193	24876	23381	21832
-20°	24864	25522	26048	26272	26048	25522	24864	23969	22913	21629	20271



REPORT NUMBER: P622128
 CATALOG NUMBER: IFLD-S-SA6D-727-U-66

CANDELA DISTRIBUTION (continued):

	-7.5°	-5°	-2.5°	0°	2.5°	5°	7.5°	10°	12.5°	15°	17.5°
-22.5°	22627	23232	23683	23899	23683	23232	22627	21861	20934	19869	18652
-25°	20462	20971	21319	21513	21319	20971	20462	19803	18979	18056	16995
-27.5°	18387	18855	19165	19285	19165	18855	18387	17778	17016	16262	15356
-30°	16374	16768	17095	17161	17095	16768	16374	15869	15256	14540	13711
-32.5°	14461	14788	15062	15099	15062	14788	14461	14026	13480	12842	12130
-35°	12626	12921	13152	13173	13152	12921	12626	12241	11778	11218	10535
-37.5°	10875	11156	11392	11368	11392	11156	10875	10519	10080	9529	8928
-40°	9131	9351	9537	9587	9537	9351	9131	8821	8402	7910	7404
-42.5°	7438	7616	7756	7744	7756	7616	7438	7189	6866	6477	6079
-45°	5996	6125	6220	6204	6220	6125	5996	5818	5595	5330	5065
-47.5°	4887	4974	5044	5048	5044	4974	4887	4767	4613	4431	4216
-50°	4042	4104	4145	4133	4145	4104	4042	3951	3839	3702	3545
-52.5°	3367	3417	3450	3433	3450	3417	3367	3296	3214	3114	3002
-55°	2808	2837	2853	2845	2853	2837	2808	2766	2708	2642	2559
-57.5°	2377	2398	2427	2435	2427	2398	2377	2344	2303	2253	2191
-60°	2021	2038	2058	2062	2058	2038	2021	2000	1967	1930	1888
-62.5°	1723	1735	1743	1743	1743	1735	1723	1710	1690	1661	1628
-65°	1474	1478	1491	1495	1491	1478	1474	1462	1449	1429	1404
-67.5°	1259	1267	1267	1271	1267	1267	1259	1255	1247	1230	1213
-70°	1060	1068	1060	1048	1060	1068	1060	1056	1056	1052	1044
-72.5°	820	799	766	737	766	799	820	849	874	890	882
-75°	601	555	543	530	543	555	601	646	687	721	721
-77.5°	443	398	381	369	381	398	443	489	534	572	576
-80°	327	278	269	261	269	278	327	364	406	447	451
-82.5°	232	191	182	174	182	191	232	265	302	335	344
-85°	145	120	116	108	116	120	145	170	191	211	211
-87.5°	70	58	54	46	54	58	70	87	99	112	108
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622128
 CATALOG NUMBER: IFLD-S-SA6D-727-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°	104	104	99	104	104	104	104	91	83	75	66
85°	211	211	211	211	211	211	207	191	170	153	137
82.5°	348	352	352	344	331	323	311	282	253	228	203
80°	460	464	468	456	443	431	410	373	335	298	269
77.5°	576	580	576	563	551	534	509	472	435	398	369
75°	721	716	708	692	675	658	638	605	563	518	485
72.5°	874	861	849	828	803	779	754	725	692	654	621
70°	1027	1010	990	961	932	903	874	837	803	766	733
67.5°	1193	1172	1143	1110	1073	1035	998	957	915	874	837
65°	1375	1346	1309	1271	1230	1184	1135	1085	1039	986	940
62.5°	1586	1541	1495	1454	1400	1346	1288	1230	1172	1114	1052
60°	1839	1781	1727	1661	1594	1528	1458	1387	1313	1247	1172
57.5°	2120	2050	1980	1905	1818	1735	1648	1557	1474	1387	1300
55°	2468	2377	2282	2178	2075	1967	1859	1752	1648	1536	1441
52.5°	2878	2762	2638	2497	2369	2232	2104	1967	1839	1710	1586
50°	3388	3230	3056	2874	2708	2530	2365	2203	2046	1897	1748
47.5°	4009	3789	3553	3330	3102	2870	2671	2476	2278	2091	1926
45°	4762	4460	4141	3860	3553	3280	3002	2762	2530	2319	2108
42.5°	5698	5272	4870	4485	4092	3744	3396	3098	2816	2555	2319
40°	6870	6266	5760	5226	4754	4274	3864	3479	3131	2820	2530
37.5°	8258	7549	6837	6112	5512	4920	4377	3901	3483	3106	2770
35°	9773	8962	8092	7231	6357	5653	4969	4373	3864	3408	3019
32.5°	11376	10407	9442	8444	7429	6456	5649	4907	4270	3748	3288
30°	12805	11827	10780	9690	8556	7421	6369	5508	4750	4092	3561
27.5°	14320	13210	12080	10912	9695	8431	7214	6117	5230	4489	3864
25°	15832	14610	13347	12084	10796	9446	8050	6812	5760	4882	4133
22.5°	17327	15989	14614	13181	11815	10390	8933	7487	6249	5272	4448
20°	18838	17335	15844	14291	12767	11314	9748	8200	6825	5673	4738
17.5°	20279	18648	16958	15264	13658	12072	10477	8887	7355	6038	5027
15°	21642	19824	18006	16180	14428	12800	11127	9483	7856	6423	5280
12.5°	22818	20826	18933	17024	15161	13430	11703	10001	8328	6796	5537
10°	23886	21741	19741	17757	15828	13972	12179	10432	8713	7098	5744
7.5°	24797	22557	20416	18325	16320	14382	12540	10763	9011	7330	5905
5°	25497	23108	20872	18693	16648	14656	12796	10999	9222	7496	6009
2.5°	25829	23435	21116	18896	16929	14900	13028	11210	9401	7653	6121
0°	25994	23555	21228	19070	17049	14999	13090	11239	9396	7674	6129
-2.5°	25829	23435	21116	18896	16929	14900	13028	11210	9401	7653	6121
-5°	25497	23108	20872	18693	16648	14656	12796	10999	9222	7496	6009
-7.5°	24797	22557	20416	18325	16320	14382	12540	10763	9011	7330	5905
-10°	23886	21741	19741	17757	15828	13972	12179	10432	8713	7098	5744
-12.5°	22818	20826	18933	17024	15161	13430	11703	10001	8328	6796	5537
-15°	21642	19824	18006	16180	14428	12800	11127	9483	7856	6423	5280
-17.5°	20279	18648	16958	15264	13658	12072	10477	8887	7355	6038	5027
-20°	18838	17335	15844	14291	12767	11314	9748	8200	6825	5673	4738



REPORT NUMBER: P622128
 CATALOG NUMBER: IFLD-S-SA6D-727-U-66

CANDELA DISTRIBUTION (continued):

	20°	22.5°	25°	27.5°	30°	32.5°	35°	37.5°	40°	42.5°	45°
-22.5°	17327	15989	14614	13181	11815	10390	8933	7487	6249	5272	4448
-25°	15832	14610	13347	12084	10796	9446	8050	6812	5760	4882	4133
-27.5°	14320	13210	12080	10912	9695	8431	7214	6117	5230	4489	3864
-30°	12805	11827	10780	9690	8556	7421	6369	5508	4750	4092	3561
-32.5°	11376	10407	9442	8444	7429	6456	5649	4907	4270	3748	3288
-35°	9773	8962	8092	7231	6357	5653	4969	4373	3864	3408	3019
-37.5°	8258	7549	6837	6112	5512	4920	4377	3901	3483	3106	2770
-40°	6870	6266	5760	5226	4754	4274	3864	3479	3131	2820	2530
-42.5°	5698	5272	4870	4485	4092	3744	3396	3098	2816	2555	2319
-45°	4762	4460	4141	3860	3553	3280	3002	2762	2530	2319	2108
-47.5°	4009	3789	3553	3330	3102	2870	2671	2476	2278	2091	1926
-50°	3388	3230	3056	2874	2708	2530	2365	2203	2046	1897	1748
-52.5°	2878	2762	2638	2497	2369	2232	2104	1967	1839	1710	1586
-55°	2468	2377	2282	2178	2075	1967	1859	1752	1648	1536	1441
-57.5°	2120	2050	1980	1905	1818	1735	1648	1557	1474	1387	1300
-60°	1839	1781	1727	1661	1594	1528	1458	1387	1313	1247	1172
-62.5°	1586	1541	1495	1454	1400	1346	1288	1230	1172	1114	1052
-65°	1375	1346	1309	1271	1230	1184	1135	1085	1039	986	940
-67.5°	1193	1172	1143	1110	1073	1035	998	957	915	874	837
-70°	1027	1010	990	961	932	903	874	837	803	766	733
-72.5°	874	861	849	828	803	779	754	725	692	654	621
-75°	721	716	708	692	675	658	638	605	563	518	485
-77.5°	576	580	576	563	551	534	509	472	435	398	369
-80°	460	464	468	456	443	431	410	373	335	298	269
-82.5°	348	352	352	344	331	323	311	282	253	228	203
-85°	211	211	211	211	211	211	207	191	170	153	137
-87.5°	104	104	99	104	104	104	104	91	83	75	66
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622128
 CATALOG NUMBER: IFLD-S-SA6D-727-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°	70	75	79	79	79	75	70	66	58	54	50
85°	145	149	157	162	153	149	137	128	120	108	99
82.5°	215	224	232	232	224	215	203	191	178	162	145
80°	286	298	311	311	298	282	265	249	232	211	191
77.5°	377	385	389	393	377	360	340	311	286	261	236
75°	476	476	480	472	456	443	414	381	344	311	278
72.5°	596	576	567	555	526	501	480	451	402	356	319
70°	700	671	646	621	592	559	534	497	456	402	356
67.5°	799	762	725	692	654	621	584	538	493	443	393
65°	899	853	808	762	721	679	638	584	530	480	427
62.5°	998	944	890	837	787	737	692	630	567	514	456
60°	1102	1044	982	919	857	799	741	675	609	543	485
57.5°	1222	1139	1068	998	928	861	791	721	650	580	509
55°	1342	1251	1160	1081	1002	928	845	766	687	613	534
52.5°	1470	1362	1263	1164	1077	990	903	820	729	646	551
50°	1611	1483	1367	1255	1151	1056	961	866	770	679	572
47.5°	1760	1611	1474	1346	1234	1118	1015	915	812	716	592
45°	1926	1748	1586	1445	1309	1184	1073	961	853	741	605
42.5°	2087	1893	1710	1536	1391	1251	1131	1010	895	762	625
40°	2278	2038	1835	1648	1474	1317	1180	1056	936	787	642
37.5°	2476	2199	1963	1748	1557	1387	1238	1097	965	812	658
35°	2675	2365	2091	1851	1644	1458	1292	1143	994	832	675
32.5°	2882	2530	2220	1955	1727	1528	1346	1184	1027	857	687
30°	3110	2704	2352	2054	1806	1590	1400	1226	1060	878	700
27.5°	3325	2866	2481	2162	1888	1657	1449	1267	1097	899	716
25°	3541	3040	2617	2261	1967	1714	1499	1305	1131	924	729
22.5°	3773	3209	2742	2356	2038	1772	1545	1346	1160	948	741
20°	3984	3363	2849	2447	2112	1830	1590	1379	1184	973	754
17.5°	4178	3520	2982	2543	2182	1884	1628	1408	1209	994	762
15°	4390	3677	3098	2626	2245	1930	1665	1437	1230	1015	766
12.5°	4572	3810	3197	2700	2298	1967	1694	1458	1251	1035	774
10°	4721	3918	3280	2758	2340	2000	1714	1478	1263	1048	779
7.5°	4837	4000	3342	2804	2373	2025	1735	1491	1276	1060	779
5°	4924	4063	3383	2837	2398	2046	1752	1503	1288	1077	783
2.5°	5003	4129	3417	2866	2418	2062	1764	1512	1288	1073	774
0°	5015	4141	3412	2866	2418	2066	1764	1512	1284	1068	766
-2.5°	5003	4129	3417	2866	2418	2062	1764	1512	1288	1073	774
-5°	4924	4063	3383	2837	2398	2046	1752	1503	1288	1077	783
-7.5°	4837	4000	3342	2804	2373	2025	1735	1491	1276	1060	779
-10°	4721	3918	3280	2758	2340	2000	1714	1478	1263	1048	779
-12.5°	4572	3810	3197	2700	2298	1967	1694	1458	1251	1035	774
-15°	4390	3677	3098	2626	2245	1930	1665	1437	1230	1015	766
-17.5°	4178	3520	2982	2543	2182	1884	1628	1408	1209	994	762
-20°	3984	3363	2849	2447	2112	1830	1590	1379	1184	973	754



REPORT NUMBER: P622128
 CATALOG NUMBER: IFLD-S-SA6D-727-U-66

CANDELA DISTRIBUTION (continued):

	47.5°	50°	52.5°	55°	57.5°	60°	62.5°	65°	67.5°	70°	72.5°
-22.5°	3773	3209	2742	2356	2038	1772	1545	1346	1160	948	741
-25°	3541	3040	2617	2261	1967	1714	1499	1305	1131	924	729
-27.5°	3325	2866	2481	2162	1888	1657	1449	1267	1097	899	716
-30°	3110	2704	2352	2054	1806	1590	1400	1226	1060	878	700
-32.5°	2882	2530	2220	1955	1727	1528	1346	1184	1027	857	687
-35°	2675	2365	2091	1851	1644	1458	1292	1143	994	832	675
-37.5°	2476	2199	1963	1748	1557	1387	1238	1097	965	812	658
-40°	2278	2038	1835	1648	1474	1317	1180	1056	936	787	642
-42.5°	2087	1893	1710	1536	1391	1251	1131	1010	895	762	625
-45°	1926	1748	1586	1445	1309	1184	1073	961	853	741	605
-47.5°	1760	1611	1474	1346	1234	1118	1015	915	812	716	592
-50°	1611	1483	1367	1255	1151	1056	961	866	770	679	572
-52.5°	1470	1362	1263	1164	1077	990	903	820	729	646	551
-55°	1342	1251	1160	1081	1002	928	845	766	687	613	534
-57.5°	1222	1139	1068	998	928	861	791	721	650	580	509
-60°	1102	1044	982	919	857	799	741	675	609	543	485
-62.5°	998	944	890	837	787	737	692	630	567	514	456
-65°	899	853	808	762	721	679	638	584	530	480	427
-67.5°	799	762	725	692	654	621	584	538	493	443	393
-70°	700	671	646	621	592	559	534	497	456	402	356
-72.5°	596	576	567	555	526	501	480	451	402	356	319
-75°	476	476	480	472	456	443	414	381	344	311	278
-77.5°	377	385	389	393	377	360	340	311	286	261	236
-80°	286	298	311	311	298	282	265	249	232	211	191
-82.5°	215	224	232	232	224	215	203	191	178	162	145
-85°	145	149	157	162	153	149	137	128	120	108	99
-87.5°	70	75	79	79	79	75	70	66	58	54	50
-90°	0	0	0	0	0	0	0	0	0	0	0



REPORT NUMBER: P622128
 CATALOG NUMBER: IFLD-S-SA6D-727-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°	41	33	25	17	8	4	0
85°	87	66	46	29	17	8	0
82.5°	128	95	70	46	29	12	0
80°	170	128	91	62	37	17	0
77.5°	207	157	116	75	46	21	0
75°	240	182	137	91	54	25	0
72.5°	273	207	153	104	62	29	0
70°	306	232	170	120	70	33	0
67.5°	331	253	186	128	79	37	0
65°	352	273	199	137	87	37	0
62.5°	373	290	211	145	95	41	0
60°	398	306	228	153	99	46	0
57.5°	414	319	236	162	104	50	0
55°	431	335	244	170	112	54	0
52.5°	447	348	257	174	116	54	0
50°	460	360	265	178	120	58	0
47.5°	476	369	269	182	124	62	0
45°	489	381	278	186	128	62	0
42.5°	501	389	282	191	128	66	0
40°	514	393	290	199	133	70	0
37.5°	522	402	294	203	137	70	0
35°	526	406	298	207	141	75	0
32.5°	534	414	302	215	141	75	0
30°	547	414	302	220	145	75	0
27.5°	555	418	311	220	145	79	0
25°	559	418	315	224	149	79	0
22.5°	563	422	319	228	149	79	0
20°	567	427	323	232	153	83	0
17.5°	572	435	327	232	153	83	0
15°	580	439	327	232	153	87	0
12.5°	584	439	327	236	153	87	0
10°	588	443	327	236	157	83	0
7.5°	588	443	331	236	157	83	0
5°	588	447	327	236	153	83	0
2.5°	580	447	327	232	153	83	0
0°	576	443	323	232	153	83	0
-2.5°	580	447	327	232	153	83	0
-5°	588	447	327	236	153	83	0
-7.5°	588	443	331	236	157	83	0
-10°	588	443	327	236	157	83	0
-12.5°	584	439	327	236	153	87	0
-15°	580	439	327	232	153	87	0
-17.5°	572	435	327	232	153	83	0
-20°	567	427	323	232	153	83	0



REPORT NUMBER: P622128
 CATALOG NUMBER: IFLD-S-SA6D-727-U-66

CANDELA DISTRIBUTION (continued):

	75°	77.5°	80°	82.5°	85°	87.5°	90°
-22.5°	563	422	319	228	149	79	0
-25°	559	418	315	224	149	79	0
-27.5°	555	418	311	220	145	79	0
-30°	547	414	302	220	145	75	0
-32.5°	534	414	302	215	141	75	0
-35°	526	406	298	207	141	75	0
-37.5°	522	402	294	203	137	70	0
-40°	514	393	290	199	133	70	0
-42.5°	501	389	282	191	128	66	0
-45°	489	381	278	186	128	62	0
-47.5°	476	369	269	182	124	62	0
-50°	460	360	265	178	120	58	0
-52.5°	447	348	257	174	116	54	0
-55°	431	335	244	170	112	54	0
-57.5°	414	319	236	162	104	50	0
-60°	398	306	228	153	99	46	0
-62.5°	373	290	211	145	95	41	0
-65°	352	273	199	137	87	37	0
-67.5°	331	253	186	128	79	37	0
-70°	306	232	170	120	70	33	0
-72.5°	273	207	153	104	62	29	0
-75°	240	182	137	91	54	25	0
-77.5°	207	157	116	75	46	21	0
-80°	170	128	91	62	37	17	0
-82.5°	128	95	70	46	29	12	0
-85°	87	66	46	29	17	8	0
-87.5°	41	33	25	17	8	4	0
-90°	0	0	0	0	0	0	0

(END OF REPORT)