

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-  
State Lighting Products

Test Report Prepared for  
Cooper Lighting Solutions  
(formerly Eaton)

Brand: McGRAW-EDISON

Report Number: 08882

Luminaire Tested: **GSM-1000-HPS-3V-FG-EHS**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: 08882  
Test Lab: LUMINAIRE TESTING LABORATORY, INC.  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: MCGRAW-EDISON  
Catalog Number: GSM-1000-HPS-3V-FG-EHS  
Description: MEDIUM ARCHITECTURAL AREA LUMINAIRE-VERTICAL LAMP-TYPE3 DISTRIBUTION WITH EXTERNAL HOUSE SIDE SHIELD  
Light Source: 1000 WATT HPS CLEAR ED-37  
Ballast/Driver: -

**Summary**

Lumens per Lamp: 125000 (1 lamp)  
Luminaire Lumens: 41114.3 lumens  
Efficiency: 32.9%  
Efficacy: 41.1 lumens/watt  
Luminous Opening: Circular (Dia: 1.6' x H: 0')  
IES Classification: Type III - Short - Cutoff  
BUG Rating: B2 - U3 - G5

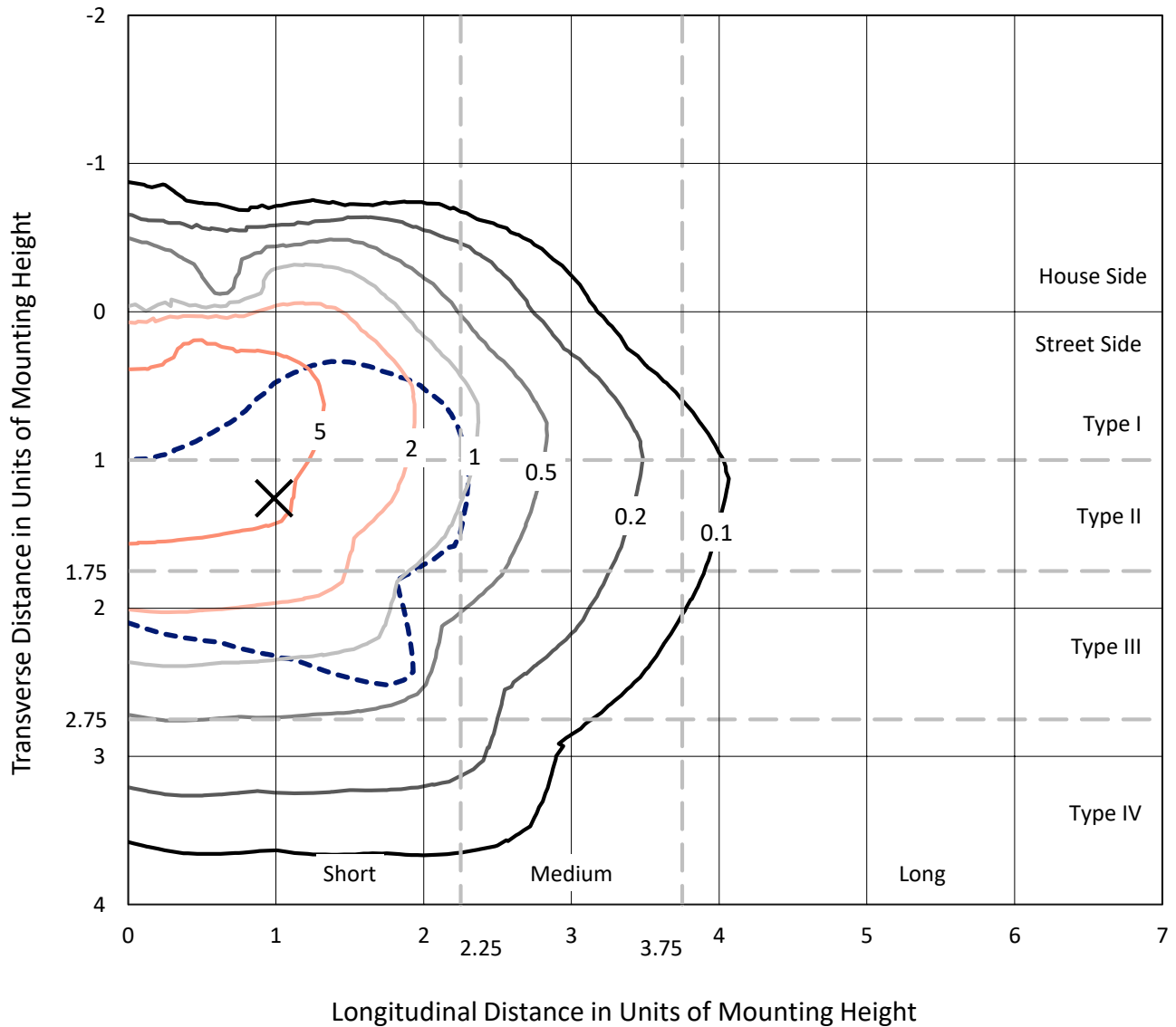
Input Watts (W): 1000  
Input Voltage (V): NR  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



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### Iso-Footcandle Lines of Horizontal Illumination

✕ Max cd  
 - - - 1/2 Max cd

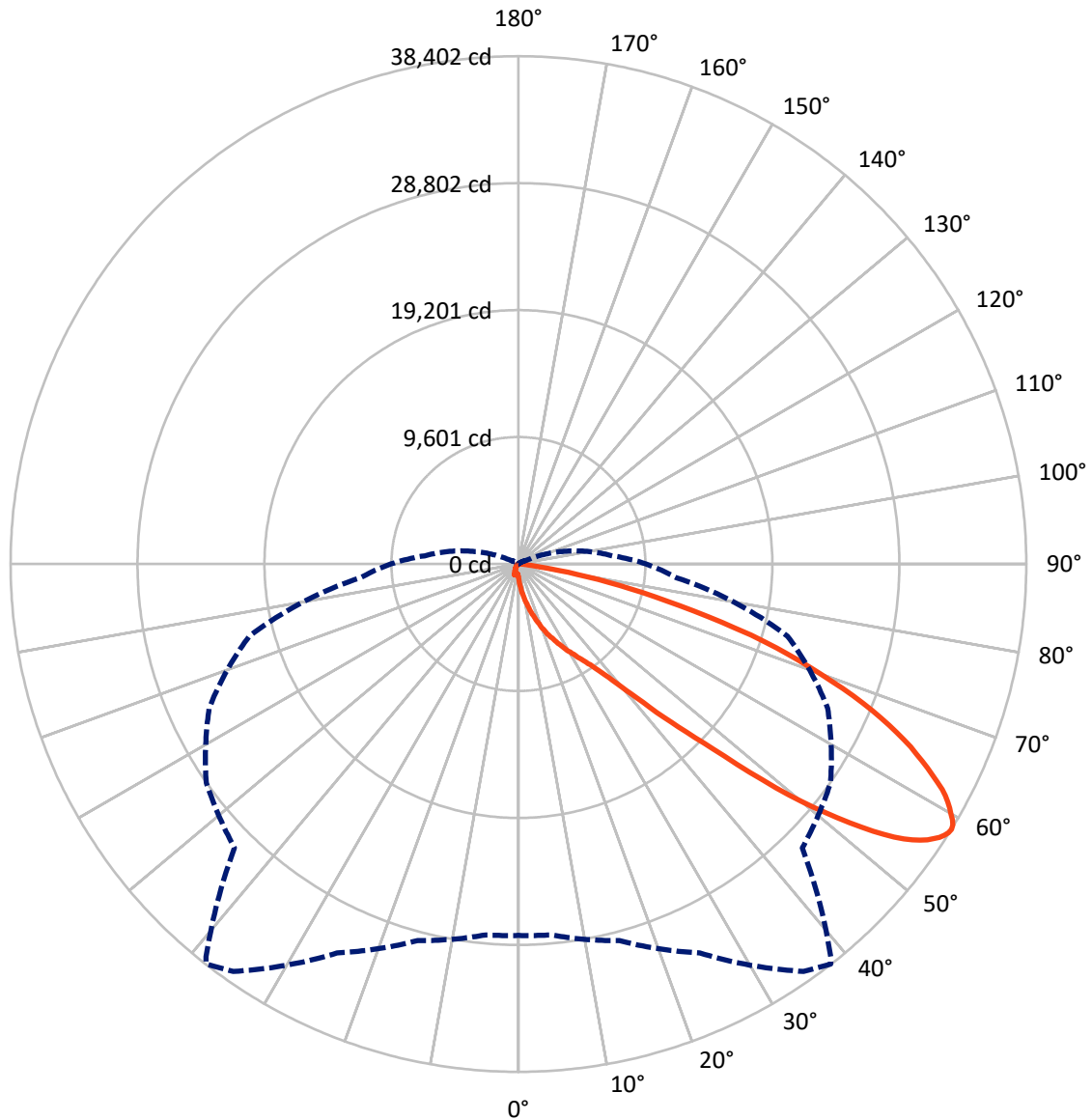


Based on 30 foot mounting height. Maximum calculated value = 8.5 fc  
 Type III - Short - Cutoff

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### Luminous Intensity Polar Plot



— Vertical Plane Through 38.1-Deg Lateral    - - - Horizontal Cone Through 58-Deg Vertical

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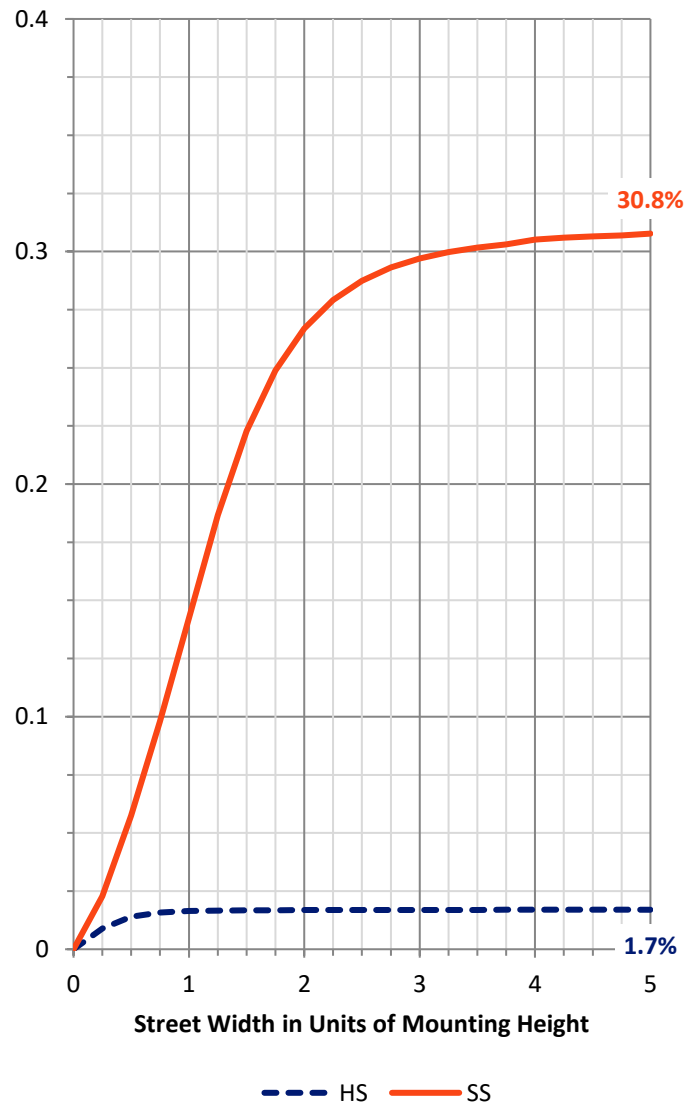
**FLUX DISTRIBUTION:**

		Downward	Upward	Total
<b>House Side</b>	Lumens	2142.8	6.8	2149.6
	% Lamp	1.7	0.0	1.7
<b>Street Side</b>	Lumens	38599.2	365.4	38964.6
	% Lamp	30.9	0.3	31.2
<b>Total</b>	Lumens	40742.1	372.2	41114.3
	% Lamp	32.6	0.3	32.9

**Coefficient of Utilization**

**ZONAL LUMENS:**

Zone	Lumens	% Fixture	% Lamp
0°-10°	127.4	0.3	0.1
10°-20°	639.4	1.6	0.5
20°-30°	1541.5	3.7	1.2
30°-40°	2900.7	7.1	2.3
40°-50°	6882.6	16.7	5.5
50°-60°	12403.8	30.2	9.9
60°-70°	11155.4	27.1	8.9
70°-80°	4596.3	11.2	3.7
80°-90°	495.0	1.2	0.4
90°-100°	132.2	0.3	0.1
100°-110°	106.9	0.3	0.1
110°-120°	77.5	0.2	0.1
120°-130°	38.3	0.1	0.0
130°-140°	12.6	0.0	0.0
140°-150°	3.9	0.0	0.0
150°-160°	0.7	0.0	0.0
160°-170°	0.0	0.0	0.0
170°-180°	0.0	0.0	0.0
0°-90°	40742.1	99.1	32.6
0°-180°	41114.3	100.0	32.9



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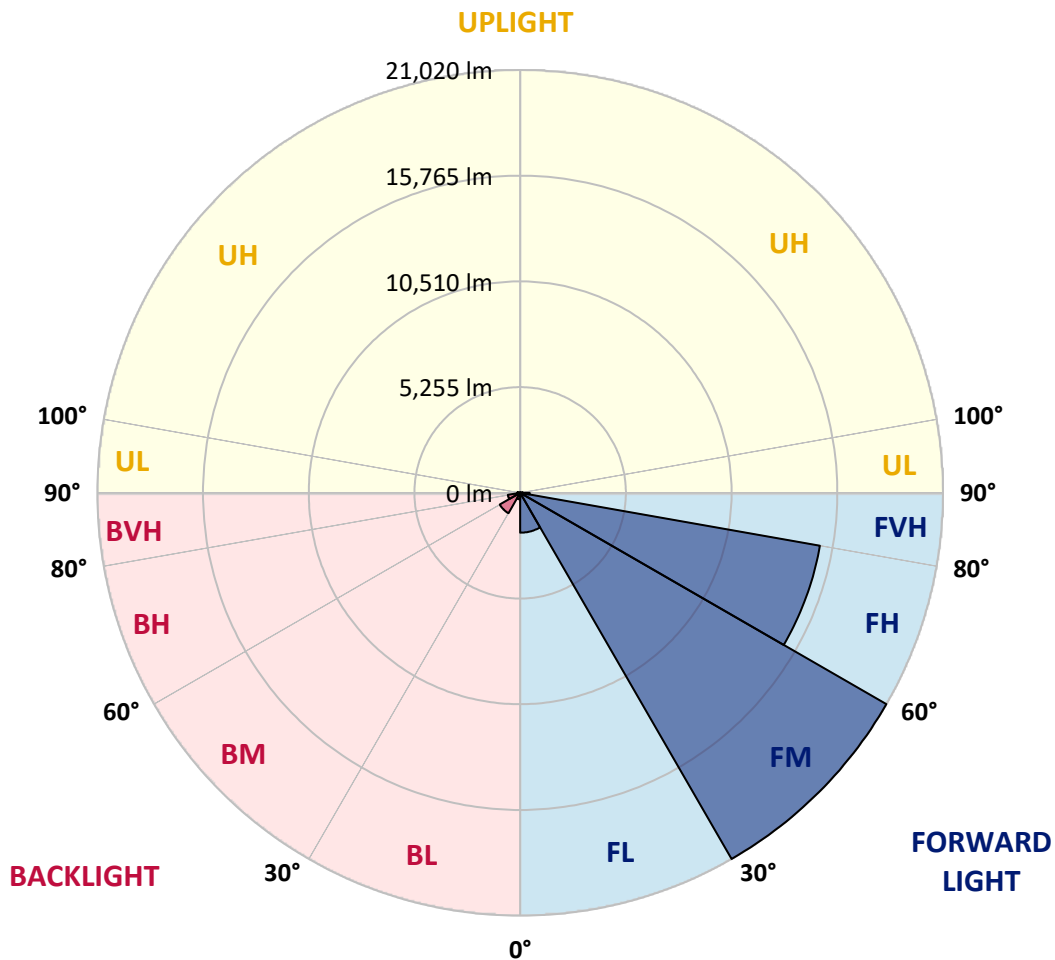
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**LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:**

Zone		Lumens	% Lamp	Zone Rating/Lumen Limit		
				B	U	G
FL	(0°-30°)	1983.7	1.6			
FM	(30°-60°)	21020.2	16.8			
FH	(60°-80°)	15130.2	12.1			G5
FVH	(80°-90°)	465.1	0.4			G3/500
BL	(0°-30°)	324.5	0.3	B1/500		
BM	(30°-60°)	1167.0	0.9	B2/2500		
BH	(60°-80°)	621.4	0.5	B2/1000		G2/1000
BVH	(80°-90°)	29.9	0.0			G1/100
UL	(90°-100°)	132.2	0.1		U3/500	
UH	(100°-180°)	6.8	0.0		U1/10	
Trapped Light		83885.7	67.1			

**BUG Rating: B2-U3-G5**

Type III Short





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**CANDELA DISTRIBUTION (FULL):**

	0°	5°	15°	25°	35°	38.1°	45°	55°	65°	75°	85°
0°	1002	1002	1002	1002	1002	1002	1002	1002	1002	1002	1002
0.5°	1126	1076	1060	1043	1027	1060	1027	1027	1027	1027	1010
1°	1259	1110	1110	1110	1110	1192	1076	1060	1043	1043	1010
1.5°	1358	1242	1225	1192	1159	1242	1110	1126	1076	1043	1027
2°	1424	1325	1308	1292	1259	1358	1209	1143	1110	1043	1027
2.5°	1524	1441	1408	1358	1358	1424	1259	1225	1126	1043	1027
3°	1623	1524	1507	1474	1424	1490	1325	1275	1159	1060	994
3.5°	1722	1639	1590	1573	1524	1590	1424	1325	1209	1076	994
4°	1822	1689	1689	1639	1590	1673	1507	1408	1259	1076	977
4.5°	1888	1805	1772	1739	1689	1722	1606	1474	1308	1110	994
5°	1954	1888	1838	1822	1788	1855	1706	1573	1391	1126	960
5.5°	2087	1987	1987	1921	1855	1937	1772	1656	1490	1176	960
6°	2186	2053	2020	2020	1987	2037	1855	1788	1573	1242	944
6.5°	2285	2186	2153	2087	2037	2120	1987	1855	1673	1325	960
7°	2418	2269	2236	2219	2136	2202	2037	1954	1788	1408	977
7.5°	2517	2368	2335	2269	2219	2285	2136	2053	1904	1474	960
8°	2616	2467	2418	2368	2302	2351	2236	2120	2020	1639	1010
8.5°	2683	2567	2517	2467	2401	2467	2318	2252	2136	1739	1043
9°	2815	2683	2583	2567	2467	2550	2434	2318	2236	1888	1093
9.5°	2881	2732	2699	2666	2600	2666	2517	2451	2351	2020	1126
10°	2981	2848	2782	2732	2683	2815	2616	2567	2467	2153	1209
10.5°	3047	2931	2865	2799	2815	2898	2749	2666	2600	2302	1259
11°	3146	3014	2964	2931	2915	3014	2865	2782	2716	2451	1358
11.5°	3213	3080	3047	2997	2964	3080	2948	2848	2815	2583	1391
12°	3345	3213	3163	3146	3146	3229	3097	3014	2948	2765	1507
12.5°	3444	3329	3312	3262	3262	3362	3213	3130	3080	2865	1606
13°	3610	3428	3395	3378	3362	3461	3312	3229	3213	2981	1639
13.5°	3676	3560	3544	3511	3494	3577	3444	3329	3262	3130	1755
14°	3809	3693	3627	3593	3577	3709	3544	3444	3444	3229	1805
14.5°	3908	3759	3726	3693	3676	3792	3643	3527	3478	3312	1855
15°	4107	3925	3892	3842	3825	3958	3792	3693	3660	3461	1954
15.5°	4140	4007	3974	3925	3908	4024	3842	3776	3726	3527	2020
16°	4272	4140	4140	4074	4057	4157	4024	3941	3875	3643	2087
16.5°	4372	4223	4239	4157	4157	4239	4123	4041	3974	3693	2153
17°	4537	4405	4355	4306	4339	4421	4289	4206	4123	3858	2252
17.5°	4637	4504	4488	4438	4455	4537	4421	4355	4272	3958	2318
18°	4802	4620	4604	4571	4554	4670	4587	4504	4421	4074	2385
18.5°	4902	4736	4736	4670	4653	4769	4653	4637	4537	4140	2418
19°	5034	4869	4852	4819	4802	4902	4802	4769	4703	4256	2467
19.5°	5200	5018	5018	4984	4951	5067	4984	4968	4869	4388	2534
20°	5365	5167	5150	5084	5067	5216	5117	5100	5018	4521	2616
20.5°	5398	5249	5249	5183	5167	5283	5200	5200	5134	4604	2600
21°	5564	5432	5415	5349	5316	5448	5365	5332	5332	4769	2666
21.5°	5730	5548	5548	5481	5465	5597	5498	5465	5448	4852	2716
22°	5829	5680	5663	5597	5597	5697	5630	5647	5581	5001	2749

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**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	38.1°	45°	55°	65°	75°	85°
22.5°	5962	5779	5796	5713	5713	5812	5730	5697	5697	5051	2716
23°	6061	5912	5912	5846	5796	5945	5862	5846	5779	5167	2765
23.5°	6193	6061	6044	5978	5928	6044	5962	5962	5928	5283	2782
24°	6293	6177	6177	6077	6077	6160	6094	6094	6011	5382	2799
24.5°	6458	6359	6276	6210	6193	6293	6226	6210	6160	5481	2815
25°	6591	6442	6425	6342	6276	6409	6342	6326	6276	5581	2865
25.5°	6723	6574	6525	6442	6442	6541	6491	6458	6392	5730	2881
26°	6823	6740	6674	6574	6558	6690	6607	6607	6491	5846	2898
26.5°	6955	6856	6823	6740	6707	6823	6740	6707	6624	5962	2981
27°	7088	6972	6955	6839	6823	6955	6872	6823	6756	6061	3014
27.5°	7253	7121	7071	6988	6972	7088	6972	6972	6872	6193	3080
28°	7386	7253	7204	7104	7104	7220	7104	7071	6988	6293	3130
28.5°	7485	7386	7369	7253	7220	7353	7237	7237	7137	6392	3196
29°	7684	7535	7502	7419	7402	7502	7353	7319	7237	6525	3246
29.5°	7750	7684	7684	7551	7485	7618	7502	7452	7336	6591	3262
30°	7916	7783	7750	7667	7601	7717	7584	7535	7468	6690	3295
30.5°	8081	7949	7932	7849	7750	7899	7750	7684	7584	6773	3378
31°	8181	8032	8048	7949	7866	7982	7833	7783	7667	6856	3411
31.5°	8379	8263	8247	8098	8048	8181	7982	7932	7800	6972	3494
32°	8512	8429	8363	8263	8197	8346	8147	8048	7932	7071	3527
32.5°	8677	8561	8512	8429	8330	8495	8313	8197	8065	7154	3627
33°	8843	8710	8694	8595	8495	8661	8479	8363	8214	7253	3676
33.5°	9009	8876	8859	8727	8694	8810	8628	8479	8330	7353	3759
34°	9174	9058	9009	8926	8859	8992	8793	8644	8495	7452	3825
34.5°	9406	9224	9207	9141	9042	9191	8959	8810	8611	7584	3958
35°	9538	9373	9373	9290	9191	9356	9124	8959	8727	7684	3958
35.5°	9770	9605	9588	9522	9456	9588	9373	9191	8926	7833	4140
36°	10035	9886	9820	9770	9654	9837	9605	9373	9091	7965	4190
36.5°	10267	10118	10068	10019	9903	10085	9803	9605	9290	8131	4322
37°	10598	10366	10366	10267	10135	10350	10085	9837	9456	8296	4438
37.5°	10863	10631	10631	10582	10416	10631	10366	10085	9654	8412	4554
38°	11228	10979	10979	10913	10747	10963	10648	10400	9886	8595	4686
38.5°	11592	11327	11277	11277	11079	11327	11012	10698	10085	8793	4869
39°	12022	11774	11675	11625	11443	11724	11327	11045	10350	8975	5018
39.5°	12486	12138	12056	12022	11857	12138	11724	11377	10631	9207	5200
40°	12983	12602	12519	12486	12354	12585	12122	11791	10963	9439	5432
40.5°	13413	13066	12983	12999	12784	13033	12585	12138	11294	9687	5647
41°	13943	13579	13496	13562	13248	13546	13082	12619	11658	9903	5846
41.5°	14506	14142	14059	14142	13811	14092	13596	13148	12072	10267	6127
42°	15069	14722	14738	14804	14424	14705	14175	13695	12569	10549	6359
42.5°	15699	15334	15450	15483	15036	15351	14771	14225	13033	10880	6624
43°	16328	15964	16162	16212	15666	16013	15417	14738	13562	11161	6889
43.5°	17023	16609	16874	17073	16311	16626	16080	15401	14109	11526	7170
44°	17719	17305	17587	18100	17106	17239	16742	16030	14622	11890	7452
44.5°	18315	17885	18448	19011	17868	17967	17371	16643	15185	12238	7733





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**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	38.1°	45°	55°	65°	75°	85°
45°	18978	18713	19193	19938	18696	18762	18067	17222	15732	12569	7949
45.5°	19706	19408	19921	20932	19541	19507	18696	17901	16328	12900	8214
46°	20335	20137	20700	21826	20402	20352	19342	18547	16858	13248	8545
46.5°	21130	20799	21445	22935	21462	21296	19988	19176	17371	13645	8777
47°	21892	21428	22256	23780	22538	22422	20617	19789	17918	14043	9058
47.5°	22687	22356	22968	24707	23531	23515	21279	20352	18497	14390	9290
48°	23416	23101	23714	25519	24575	24608	21942	20898	19093	14755	9572
48.5°	24244	23830	24442	26413	25701	25817	22637	21528	19673	15252	9886
49°	24972	24525	25072	27191	26761	26910	23250	21991	20153	15649	10101
49.5°	25701	25204	25684	27870	27721	27903	23945	22588	20650	15997	10366
50°	26429	25817	26347	28566	28682	28880	24575	23101	21097	16345	10631
50.5°	27059	26380	26877	29228	29692	29824	25171	23581	21544	16759	10880
51°	27721	26976	27406	29890	30669	30785	25833	24128	22041	17222	11095
51.5°	28350	27539	27920	30487	31546	31795	26463	24591	22472	17653	11310
52°	28880	28003	28383	31050	32358	32706	27042	25187	22919	18050	11476
52.5°	29377	28466	28814	31613	33318	33567	27638	25635	23300	18448	11642
53°	29808	28831	29211	32043	34047	34345	28185	26065	23647	18812	11757
53.5°	30139	29228	29493	32374	34693	35123	28665	26463	23962	19193	11890
54°	30271	29427	29741	32689	35339	35802	29096	26843	24310	19507	11973
54.5°	30338	29493	29907	32822	35902	36349	29460	27175	24558	19806	12039
55°	30271	29493	30006	32921	36283	36862	29708	27473	24773	20037	12089
55.5°	30139	29460	30039	32937	36697	37293	29957	27787	25005	20269	12105
56°	29874	29344	30039	32954	36978	37640	30172	28003	25187	20518	12105
56.5°	29576	29178	30039	32954	37276	37972	30321	28317	25403	20733	12155
57°	29112	28864	29924	32788	37409	38187	30371	28499	25535	20849	12105
57.5°	28648	28516	29741	32672	37558	38336	30404	28698	25684	20965	12072
58°	28085	28152	29476	32441	37607	38402	30354	28814	25800	21064	12006
58.5°	27489	27671	29129	32060	37525	38319	30205	28847	25900	21048	11857
59°	26827	27108	28698	31613	37309	38088	29957	28797	25866	21014	11675
59.5°	26131	26529	28168	31132	37011	37773	29559	28715	25800	20965	11476
60°	25436	25850	27622	30603	36647	37458	29228	28599	25750	20932	11294
60.5°	24707	25237	27026	30122	36316	37127	28913	28483	25717	20882	11161
61°	23979	24575	26479	29692	35951	36730	28516	28367	25601	20766	10963
61.5°	23349	23929	25850	29162	35521	36299	28102	28218	25502	20716	10814
62°	22654	23233	25221	28566	35024	35703	27655	28019	25204	20551	10598
62.5°	21925	22554	24608	27986	34527	35140	27175	27771	24906	20418	10400
63°	21197	21875	23863	27373	33981	34560	26661	27473	24542	20203	10201
63.5°	20335	21263	23250	26827	33401	33964	26098	27108	24177	19955	9952
64°	19706	20600	22571	26231	32772	33335	25535	26645	23763	19690	9687
64.5°	18845	19872	21942	25618	32109	32722	24939	26198	23349	19375	9423
65°	18249	19209	21213	24972	31447	32027	24343	25734	22902	19060	9191
65.5°	17553	18497	20451	24277	30735	31298	23763	25187	22405	18729	8926
66°	16825	17736	19640	23614	30073	30569	23068	24542	21859	18332	8628
66.5°	16030	17040	18878	22853	29245	29758	22356	23945	21379	17934	8330
67°	15301	16361	18067	22058	28466	28980	21660	23233	20849	17553	8048



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**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	38.1°	45°	55°	65°	75°	85°
67.5°	14506	15566	17189	21197	27556	28152	20882	22488	20203	17123	7750
68°	13745	14738	16311	20302	26728	27224	20054	21743	19590	16626	7435
68.5°	12884	13927	15434	19408	25767	26264	19209	21014	18911	16129	7121
69°	12089	13066	14573	18497	24790	25254	18299	20170	18216	15632	6823
69.5°	11327	12337	13778	17570	23830	24310	17504	19342	17537	15136	6541
70°	10598	11675	12950	16775	22853	23366	16808	18613	16957	14705	6226
70.5°	9903	10863	12122	15931	21892	22405	15997	17868	16345	14142	5978
71°	9240	10118	11410	15036	20932	21478	15202	17139	15666	13645	5680
71.5°	8545	9439	10582	14142	19955	20534	14407	16345	14987	13198	5448
72°	7783	8628	9704	13281	18828	19474	13496	15483	14225	12602	5117
72.5°	7054	7899	8942	12354	17736	18381	12619	14622	13529	11989	4819
73°	6359	7253	8164	11343	16643	17106	11824	13712	12817	11327	4537
73.5°	5697	6558	7468	10482	15583	16013	11012	12817	12122	10764	4206
74°	5067	5829	6773	9605	14457	14904	10184	11857	11310	10118	3908
74.5°	4438	5183	6077	8744	13447	13712	9307	10979	10532	9538	3643
75°	3908	4604	5398	7932	12320	12602	8495	10068	9837	8942	3395
75.5°	3444	4090	4819	7154	11277	11559	7833	9290	9174	8363	3146
76°	2981	3643	4289	6458	10284	10582	7237	8578	8512	7916	2915
76.5°	2749	3196	3809	5862	9456	9654	6674	7882	7998	7452	2699
77°	2451	2848	3428	5316	8528	8710	6111	7220	7485	6988	2484
77.5°	2186	2534	3030	4769	7634	7849	5581	6574	6955	6491	2269
78°	1954	2219	2683	4190	6756	6988	5134	5995	6342	6011	2070
78.5°	1689	1937	2335	3643	5895	6127	4670	5332	5879	5548	1871
79°	1457	1706	2020	3080	5034	5316	4190	4653	5349	5051	1706
79.5°	1292	1490	1739	2583	4339	4504	3759	4157	4736	4571	1524
80°	1159	1341	1474	2153	3643	3825	3329	3660	4223	4057	1374
80.5°	1060	1176	1308	1805	3080	3179	2964	3179	3643	3494	1225
81°	960	1043	1159	1524	2501	2600	2550	2765	3097	2981	1093
81.5°	894	894	911	1259	1971	2087	2120	2351	2567	2467	911
82°	795	795	845	1093	1606	1673	1805	2087	2186	2053	845
82.5°	729	696	762	977	1275	1275	1490	1805	1722	1673	712
83°	662	596	662	861	1043	1010	1209	1606	1358	1374	596
83.5°	563	530	546	762	811	811	977	1391	1043	1076	480
84°	497	447	497	662	662	679	811	1225	828	845	348
84.5°	431	414	431	596	580	563	662	1010	679	696	282
85°	397	381	381	530	513	497	596	845	580	546	265
85.5°	431	397	397	530	480	480	563	745	546	431	265
86°	397	381	397	464	431	414	530	613	464	348	232
86.5°	364	331	348	414	397	414	464	530	381	298	182
87°	298	298	331	364	414	397	431	464	331	248	182
87.5°	265	265	282	348	364	364	431	414	315	199	166
88°	232	232	248	282	364	348	414	414	315	182	149
88.5°	199	199	232	265	348	315	397	414	298	182	132
89°	199	199	199	232	315	298	397	431	315	166	132
89.5°	166	199	215	215	315	298	397	447	298	182	132

REPORT NUMBER: 08882

CATALOG NUMBER: GSM-1000-HPS-3V-FG-EHS

**CANDELA DISTRIBUTION (continued):**

	0°	5°	15°	25°	35°	38.1°	45°	55°	65°	75°	85°
90°	166	199	215	248	298	298	397	447	298	182	99
90.5°	166	199	215	248	315	282	414	447	298	182	116
91°	199	199	215	248	298	282	397	447	298	199	116
91.5°	199	215	215	248	315	265	414	414	282	182	99
92°	166	166	199	199	265	248	364	397	248	149	66
92.5°	199	199	232	232	298	265	397	431	248	182	116
93°	199	199	215	248	298	282	397	414	265	199	99
93.5°	199	199	199	232	298	265	414	397	248	199	99
94°	199	182	215	232	298	265	414	431	248	182	99
94.5°	199	199	199	232	298	265	397	414	232	182	99
95°	199	199	199	215	265	265	397	397	232	182	116
95.5°	199	199	199	232	265	265	397	397	215	182	83
96°	199	182	199	232	282	248	381	364	215	182	116
96.5°	199	199	182	215	265	248	381	348	215	182	83
97°	199	215	199	215	282	248	364	348	199	182	99
97.5°	199	199	199	232	265	248	381	348	215	166	83
98°	199	215	199	215	265	248	348	315	199	182	116
98.5°	199	215	199	215	265	215	348	315	215	182	83
99°	232	232	215	248	331	265	381	331	232	215	116
99.5°	166	199	199	215	265	248	331	282	199	182	99
100°	166	166	166	182	248	199	298	232	166	132	66
100.5°	199	199	182	215	298	248	315	265	215	149	99
101°	199	199	199	215	298	248	315	248	215	182	116
101.5°	166	182	199	215	298	248	298	248	182	149	116
102°	232	232	232	265	315	282	331	265	232	182	132
102.5°	232	182	199	232	282	265	282	232	199	149	99
103°	199	199	199	232	282	265	265	215	199	149	83
103.5°	232	215	199	248	298	265	265	215	215	166	83
104°	199	199	199	232	298	265	248	215	199	149	99
104.5°	199	215	215	232	282	265	248	232	182	149	83
105°	199	182	182	232	298	265	248	199	199	149	83
105.5°	199	199	199	232	282	265	232	215	199	132	99
106°	166	199	182	232	298	248	232	199	199	149	99
106.5°	199	199	215	232	282	248	215	199	199	116	99
107°	166	199	199	232	282	248	215	199	182	132	83
107.5°	199	182	199	215	265	265	199	199	199	132	99
108°	199	199	199	215	265	265	199	199	199	132	83
108.5°	166	182	199	199	265	265	199	199	182	132	99
109°	166	182	199	199	265	265	199	199	182	116	99
109.5°	166	199	199	215	248	248	199	182	199	116	99
110°	166	182	199	232	248	248	199	199	199	132	83
110.5°	166	182	215	215	248	248	199	199	182	116	99
111°	166	182	199	215	232	248	215	182	199	116	99
111.5°	132	166	199	199	248	248	182	199	199	116	99
112°	166	166	199	199	232	232	182	199	199	116	99

REPORT NUMBER: 08882  
 CATALOG NUMBER: GSM-1000-HPS-3V-FG-EHS

REPORT N  
 CATALOG

**CANDELA DISTRIBUTION (continued):**

**CANDELA**

	0°	5°	15°	25°	35°	38.1°	45°	55°	65°	75°	85°	
112.5°	132	166	199	199	232	248	182	199	199	99	99	135°
113°	132	166	199	199	232	248	199	199	199	116	99	135.5°
113.5°	132	132	182	199	232	215	215	199	199	116	99	136°
114°	99	132	149	215	215	232	182	215	199	116	99	136.5°
114.5°	99	99	149	166	232	232	199	199	182	116	99	137°
115°	66	66	99	182	232	215	199	199	182	116	116	137.5°
115.5°	66	83	116	199	248	248	232	232	232	149	132	138°
116°	0	17	50	149	199	215	199	199	182	116	99	138.5°
116.5°	0	0	33	132	182	215	215	182	215	116	99	139°
117°	0	0	17	83	199	215	199	215	199	99	83	139.5°
117.5°	0	0	0	83	199	199	199	199	182	116	99	140°
118°	0	0	0	66	199	215	182	199	182	116	99	140.5°
118.5°	0	0	0	50	182	182	182	199	199	116	99	141°
119°	0	0	0	17	199	199	199	199	199	99	99	141.5°
119.5°	0	0	0	33	215	232	232	232	232	132	149	142°
120°	0	0	0	17	182	182	199	199	199	83	99	142.5°
120.5°	0	0	0	0	182	182	182	199	199	116	116	143°
121°	0	0	0	0	166	166	199	215	182	99	99	143.5°
121.5°	0	0	0	0	132	166	199	199	199	99	99	144°
122°	0	0	0	0	166	149	215	215	215	149	132	144.5°
122.5°	0	0	0	0	83	83	182	182	182	99	116	145°
123°	0	0	0	0	66	83	166	182	182	99	99	145.5°
123.5°	0	0	0	0	83	83	199	215	215	132	149	146°
124°	0	0	0	0	50	50	166	149	182	99	99	146.5°
124.5°	0	0	0	0	66	33	182	149	166	83	99	147°
125°	0	0	0	0	33	33	166	149	149	99	99	147.5°
125.5°	0	0	0	0	33	33	166	166	149	99	99	148°
126°	0	0	0	0	17	33	166	132	149	99	99	148.5°
126.5°	0	0	0	0	33	50	166	166	182	116	149	149°
127°	0	0	0	0	17	33	149	132	149	83	99	149.5°
127.5°	0	0	0	0	17	17	132	132	132	83	99	150°
128°	0	0	0	0	17	0	132	99	116	99	99	150.5°
128.5°	0	0	0	0	0	0	132	99	116	83	99	151°
129°	0	0	0	0	0	0	99	99	99	99	83	151.5°
129.5°	0	0	0	0	0	0	99	99	99	83	83	152°
130°	0	0	0	0	0	0	99	99	99	83	99	152.5°
130.5°	0	0	0	0	0	0	99	99	83	66	99	153°
131°	0	0	0	0	0	0	66	83	83	83	99	153.5°
131.5°	0	0	0	0	0	0	66	83	66	66	99	154°
132°	0	0	0	0	0	0	66	83	66	83	83	154.5°
132.5°	0	0	0	0	0	0	50	83	66	83	99	155°
133°	0	0	0	0	0	0	33	66	66	83	83	155.5°
133.5°	0	0	0	0	0	0	33	66	50	99	99	156°
134°	0	0	0	0	0	0	17	50	66	50	66	156.5°
134.5°	0	0	0	0	0	0	33	50	66	66	66	157°



NUMBER: 08882  
 NUMBER: GSM-1000-HPS-3V-FG-EHS

REPORT NUMBER: 0  
 CATALOG NUMBER:

**DISTRIBUTION (continued):**

**CANDELA DISTRIBUTION**

0°	5°	15°	25°	35°	38.1°	45°	55°	65°	75°	85°		0°
0	0	0	0	0	0	0	33	66	66	83	157.5°	0
0	0	0	0	0	0	0	33	50	66	66	158°	0
0	0	0	0	0	0	0	33	33	66	66	158.5°	0
0	0	0	0	0	0	0	33	66	33	50	159°	0
0	0	0	0	0	0	0	33	33	66	66	159.5°	0
0	0	0	0	0	0	0	17	50	66	66	160°	0
0	0	0	0	0	0	0	0	33	50	83	160.5°	0
0	0	0	0	0	0	0	0	33	66	66	161°	0
0	0	0	0	0	0	0	0	33	33	83	161.5°	0
0	0	0	0	0	0	0	0	33	66	66	162°	0
0	0	0	0	0	0	0	0	33	50	66	162.5°	0
0	0	0	0	0	0	0	0	33	50	66	163°	0
0	0	0	0	0	0	0	0	33	33	66	163.5°	0
0	0	0	0	0	0	0	0	33	50	50	164°	0
0	0	0	0	0	0	0	0	17	66	66	164.5°	0
0	0	0	0	0	0	0	0	17	50	50	165°	0
0	0	0	0	0	0	0	0	33	33	50	165.5°	0
0	0	0	0	0	0	0	0	33	33	66	166°	0
0	0	0	0	0	0	0	0	17	33	50	166.5°	0
0	0	0	0	0	0	0	0	0	50	66	167°	0
0	0	0	0	0	0	0	0	0	33	50	167.5°	0
0	0	0	0	0	0	0	0	0	33	33	168°	0
0	0	0	0	0	0	0	0	0	33	66	168.5°	0
0	0	0	0	0	0	0	0	0	33	50	169°	0
0	0	0	0	0	0	0	0	0	33	33	169.5°	0
0	0	0	0	0	0	0	0	0	17	50	170°	0
0	0	0	0	0	0	0	0	0	17	17	170.5°	0
0	0	0	0	0	0	0	0	0	17	33	171°	0
0	0	0	0	0	0	0	0	0	17	33	171.5°	0
0	0	0	0	0	0	0	0	0	33	50	172°	0
0	0	0	0	0	0	0	0	0	33	33	172.5°	0
0	0	0	0	0	0	0	0	0	17	17	173°	0
0	0	0	0	0	0	0	0	0	50	66	173.5°	0
0	0	0	0	0	0	0	0	0	0	33	174°	0
0	0	0	0	0	0	0	0	0	0	17	174.5°	0
0	0	0	0	0	0	0	0	0	0	17	175°	0
0	0	0	0	0	0	0	0	0	0	17	175.5°	0
0	0	0	0	0	0	0	0	0	0	33	176°	0
0	0	0	0	0	0	0	0	0	0	17	176.5°	0
0	0	0	0	0	0	0	0	0	0	0	177°	0
0	0	0	0	0	0	0	0	0	0	0	177.5°	0
0	0	0	0	0	0	0	0	0	0	0	178°	0
0	0	0	0	0	0	0	0	0	0	0	178.5°	0
0	0	0	0	0	0	0	0	0	0	0	179°	0
0	0	0	0	0	0	0	0	0	0	0	179.5°	0



8882  
 GSM-1000-HPS-3V-FG-EHS

REPORT NUMBER: 08882  
 CATALOG NUMBER: GSM-1000

**TION (continued):**

**CANDELA DISTRIBUTION (con**

5°	15°	25°	35°	38.1°	45°	55°	65°	75°	85°	CANDELA DISTRIBUTION (con		
										180°	0°	5°
0	0	0	0	0	0	0	0	0	0		0	0
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			
0	0	0	0	0	0	0	0	0	0			

REPORT NUMBER: 08882

CATALOG NUMBER: GSM-1000-HPS-3V-F

D-HPS-3V-FG-EHS

tinued):

15°	25°	35°	38.1°	45°	55°	65°	75°	85°
0	0	0	0	0	0	0	0	0

CANDELA DISTRIBUTION (continued):

	90°	95°	105°
0°	1002	1002	1002
0.5°	1010	1010	994
1°	1010	1027	994
1.5°	1027	1010	977
2°	1010	1010	960
2.5°	994	994	977
3°	994	977	960
3.5°	994	977	944
4°	960	944	927
4.5°	944	944	894
5°	960	927	878
5.5°	927	927	861
6°	960	911	828
6.5°	927	911	828
7°	927	894	828
7.5°	944	894	828
8°	927	878	845
8.5°	944	911	845
9°	977	894	845
9.5°	944	878	845
10°	977	894	861
10.5°	977	878	861
11°	994	894	861
11.5°	960	878	828
12°	1027	944	845
12.5°	1060	944	845
13°	1060	944	861
13.5°	1110	944	845
14°	1093	977	861
14.5°	1093	960	811
15°	1143	994	845
15.5°	1126	994	828
16°	1209	1043	878
16.5°	1192	1010	845
17°	1259	1043	861
17.5°	1292	1076	861
18°	1308	1093	878
18.5°	1275	1043	861
19°	1308	1043	828
19.5°	1341	1093	861
20°	1358	1093	845
20.5°	1325	1043	811
21°	1358	1060	828
21.5°	1341	1076	828
22°	1391	1043	845



REPORT NUMBER: 08882

CATALOG NUMBER: GSM-1000-HPS-3V-FG-EHS

FG-EHS

**CANDELA DISTRIBUTION (continued):**

115°	125°	135°	145°	155°	165°	175°	180°		90°	95°	105°	115°
1002	1002	1002	1002	1002	1002	1002	1002	22.5°	1358	994	795	778
994	994	977	960	960	977	960	994	23°	1341	977	762	795
977	977	960	960	944	944	944	994	23.5°	1325	977	762	795
994	977	944	894	911	878	878	960	24°	1325	944	778	778
960	927	927	878	861	845	861	894	24.5°	1341	894	762	762
944	894	861	845	828	828	795	828	25°	1391	878	762	729
911	878	845	828	811	795	795	828	25.5°	1408	861	729	729
894	845	811	811	795	811	795	795	26°	1424	845	712	729
861	795	828	778	778	778	762	762	26.5°	1441	845	729	712
845	828	811	778	762	762	745	762	27°	1457	828	712	729
828	828	795	762	745	745	762	762	27.5°	1474	828	712	712
828	828	762	762	762	729	729	762	28°	1490	828	696	712
828	811	762	762	729	712	679	729	28.5°	1524	828	679	679
811	811	729	762	729	712	696	729	29°	1557	828	679	679
811	828	762	729	712	696	679	696	29.5°	1623	811	662	662
811	828	762	729	696	662	662	662	30°	1623	778	613	629
845	811	778	745	696	696	662	662	30.5°	1673	811	646	629
845	828	762	729	696	662	662	629	31°	1689	778	613	613
861	828	762	729	679	646	646	629	31.5°	1772	795	662	613
861	845	762	729	696	662	646	629	32°	1788	811	662	629
894	861	778	729	679	662	646	629	32.5°	1871	811	646	613
911	878	778	729	679	646	629	662	33°	1904	811	662	596
911	894	811	745	679	646	629	629	33.5°	2020	845	662	629
878	894	762	712	662	629	613	596	34°	2087	811	679	596
911	911	828	762	696	646	662	629	34.5°	2169	828	646	613
927	911	828	778	712	679	662	662	35°	2252	828	662	596
927	927	845	778	712	679	646	629	35.5°	2368	894	729	662
927	944	878	762	729	679	662	662	36°	2467	911	762	679
911	927	894	778	729	696	662	629	36.5°	2616	994	811	696
894	911	861	745	712	662	646	629	37°	2732	1043	845	745
927	944	894	811	745	712	696	662	37.5°	2848	1093	878	745
878	911	878	778	712	679	662	629	38°	3030	1192	960	811
944	960	927	828	762	745	729	696	38.5°	3163	1308	1043	811
878	927	878	795	745	712	696	662	39°	3345	1391	1093	878
944	960	911	828	778	745	745	729	39.5°	3544	1507	1225	911
944	960	927	828	811	778	745	729	40°	3759	1673	1341	944
927	944	927	828	795	745	745	729	40.5°	3974	1822	1474	960
878	911	894	795	762	729	745	729	41°	4157	1987	1590	977
878	894	894	795	762	745	745	729	41.5°	4421	2120	1722	994
894	927	911	811	795	795	795	795	42°	4653	2302	1871	994
894	944	911	828	778	795	795	795	42.5°	4852	2517	2020	1043
845	878	878	762	745	762	778	762	43°	5100	2666	2153	1043
878	911	894	828	762	811	828	828	43.5°	5316	2865	2318	1060
845	894	894	828	745	795	828	828	44°	5548	3097	2451	1093
845	894	861	778	762	778	828	828	44.5°	5779	3312	2600	1093





REPORT NUMBER: 08882  
 CATALOG NUMBER: GSM-1000-HPS-3V-FG-EHS

**CANDELA DISTRIBUTION (continued):**

125°	135°	145°	155°	165°	175°	180°		90°	95°	105°	115°	125°
845	795	729	729	729	778	795	45°	5962	3478	2749	1076	414
828	778	745	729	745	762	795	45.5°	6177	3660	2865	1076	397
795	762	729	696	729	729	762	46°	6376	3825	3014	1076	397
795	729	712	696	696	729	729	46.5°	6624	3991	3113	1076	381
795	729	696	679	696	729	729	47°	6839	4206	3229	1043	381
762	712	679	629	662	696	729	47.5°	7021	4405	3329	1043	364
729	696	646	613	629	679	696	48°	7270	4571	3395	1027	381
745	696	629	596	596	629	662	48.5°	7502	4802	3527	1010	381
712	646	613	580	613	613	629	49°	7717	4935	3610	944	348
712	629	596	546	563	563	596	49.5°	7916	5167	3610	894	348
679	613	580	546	546	530	563	50°	8131	5349	3693	861	315
662	613	546	497	497	513	530	50.5°	8396	5514	3709	845	331
662	580	546	480	431	447	497	51°	8628	5730	3726	828	298
629	563	497	447	447	447	431	51.5°	8859	5879	3759	811	331
629	563	480	431	414	397	431	52°	9058	6061	3759	795	315
580	530	414	364	381	381	364	52.5°	9207	6226	3776	795	315
580	513	431	397	397	414	431	53°	9340	6392	3759	795	331
546	464	397	381	364	331	331	53.5°	9456	6541	3792	795	331
563	480	397	397	348	331	331	54°	9572	6674	3825	811	331
563	480	414	397	331	298	331	54.5°	9654	6806	3842	828	331
546	464	414	381	298	265	265	55°	9737	6905	3858	828	298
546	431	397	331	265	248	265	55.5°	9787	7005	3858	811	298
530	431	397	315	265	232	265	56°	9803	7038	3892	795	282
546	431	397	298	232	215	232	56.5°	9853	7121	3908	795	282
530	397	381	265	232	199	199	57°	9803	7154	3875	745	232
513	364	331	232	182	166	166	57.5°	9737	7154	3825	696	215
530	431	348	232	182	199	166	58°	9654	7121	3759	629	199
530	431	331	215	199	199	199	58.5°	9522	7005	3660	580	182
530	431	331	199	199	199	199	59°	9307	6839	3478	546	199
497	397	315	199	199	215	232	59.5°	9091	6707	3378	530	215
497	381	298	182	199	215	232	60°	8893	6574	3229	497	199
497	397	282	215	215	199	199	60.5°	8710	6491	3080	480	199
497	397	265	215	199	199	199	61°	8528	6359	2964	447	199
464	381	248	199	199	199	199	61.5°	8429	6210	2865	431	232
480	364	232	182	182	199	199	62°	8197	6011	2716	381	199
480	381	232	199	199	182	166	62.5°	7998	5879	2567	364	182
497	364	199	182	199	215	166	63°	7800	5730	2451	364	199
480	348	199	199	182	215	199	63.5°	7584	5597	2368	348	199
480	315	199	182	215	199	232	64°	7369	5415	2252	331	199
464	298	199	182	199	199	232	64.5°	7154	5316	2120	348	182
480	282	232	215	232	199	199	65°	6872	5183	2053	331	199
464	265	199	199	199	199	166	65.5°	6690	5001	1987	315	182
431	232	199	215	199	182	166	66°	6475	4869	1921	315	182
414	232	199	199	182	166	166	66.5°	6243	4686	1838	282	199
414	215	199	199	182	99	99	67°	5945	4521	1722	282	182



REPORT NUMBER: 08882

CATALOG NUMBER: GSM-1000-HPS-3V-FG-EHS

**CANDELA DISTRIBUTION (continued):**

135°	145°	155°	165°	175°	180°		90°	95°	105°	115°	125°	135°
215	182	166	132	33	66	67.5°	5680	4289	1656	248	199	50
199	199	166	83	0	0	68°	5398	4074	1557	265	182	50
215	199	166	17	0	0	68.5°	5117	3892	1457	248	182	66
199	215	116	0	0	0	69°	4902	3709	1358	232	182	33
182	215	66	0	0	0	69.5°	4653	3511	1259	232	166	33
199	182	33	0	0	0	70°	4421	3312	1209	199	182	33
182	182	0	0	0	0	70.5°	4157	3179	1110	199	166	50
215	182	0	0	0	0	71°	3958	2964	1027	199	149	33
199	132	0	0	0	0	71.5°	3792	2848	994	232	182	50
215	116	0	0	0	0	72°	3527	2650	878	199	149	33
199	83	0	0	0	0	72.5°	3295	2467	795	215	149	33
182	83	0	0	0	0	73°	3113	2318	745	199	132	33
199	33	0	0	0	0	73.5°	2915	2153	646	199	149	17
182	17	0	0	0	0	74°	2699	2004	596	215	132	17
166	0	0	0	0	0	74.5°	2484	1822	530	199	132	17
199	0	0	0	0	0	75°	2302	1706	447	199	132	17
166	0	0	0	0	0	75.5°	2169	1557	364	182	149	17
166	0	0	0	0	0	76°	2020	1474	348	182	132	17
132	0	0	0	0	0	76.5°	1888	1391	348	182	116	17
149	0	0	0	0	0	77°	1755	1275	315	199	116	17
99	0	0	0	0	0	77.5°	1623	1176	282	182	116	33
99	0	0	0	0	0	78°	1441	1076	282	182	132	17
99	0	0	0	0	0	78.5°	1341	960	265	182	116	17
132	0	0	0	0	0	79°	1192	878	248	182	116	17
99	0	0	0	0	0	79.5°	1060	778	232	182	99	50
99	0	0	0	0	0	80°	960	729	232	182	99	0
83	0	0	0	0	0	80.5°	828	662	215	149	83	0
83	0	0	0	0	0	81°	729	596	199	149	83	0
83	0	0	0	0	0	81.5°	596	480	166	116	50	0
83	0	0	0	0	0	82°	546	431	199	132	83	0
99	0	0	0	0	0	82.5°	497	331	182	149	83	0
66	0	0	0	0	0	83°	414	298	182	132	50	0
83	0	0	0	0	0	83.5°	315	215	149	83	17	0
99	0	0	0	0	0	84°	282	182	149	83	17	0
83	0	0	0	0	0	84.5°	282	166	132	83	17	0
83	0	0	0	0	0	85°	248	149	132	66	17	0
66	0	0	0	0	0	85.5°	232	182	149	66	33	0
66	0	0	0	0	0	86°	182	166	116	66	33	0
66	0	0	0	0	0	86.5°	182	149	99	50	17	0
66	0	0	0	0	0	87°	166	116	83	66	17	0
83	0	0	0	0	0	87.5°	132	99	66	33	0	0
66	0	0	0	0	0	88°	99	83	66	0	0	0
66	0	0	0	0	0	88.5°	83	66	50	0	0	0
66	0	0	0	0	0	89°	83	66	0	0	0	0
50	0	0	0	0	0	89.5°	83	66	0	0	0	0



REPORT NUMBER: 08882

CATALOG NUMBER: GSM-1000-HPS-3V-FG-EHS

**CANDELA DISTRIBUTION (continued):**

145°	155°	165°	175°	180°		90°	95°	105°	115°	125°	135°	145°
0	0	0	0	0	90°	66	0	0	0	0	0	0
0	0	0	0	0	90.5°	66	0	0	0	0	0	0
0	0	0	0	0	91°	83	0	0	0	0	0	0
0	0	0	0	0	91.5°	83	0	0	0	0	0	0
0	0	0	0	0	92°	33	0	0	0	0	0	0
0	0	0	0	0	92.5°	66	0	0	0	0	0	0
0	0	0	0	0	93°	99	0	0	0	0	0	0
0	0	0	0	0	93.5°	83	0	0	0	0	0	0
0	0	0	0	0	94°	66	0	0	0	0	0	0
0	0	0	0	0	94.5°	66	0	0	0	0	0	0
0	0	0	0	0	95°	66	0	0	0	0	0	0
0	0	0	0	0	95.5°	83	0	0	0	0	0	0
0	0	0	0	0	96°	66	0	0	0	0	0	0
0	0	0	0	0	96.5°	83	0	0	0	0	0	0
0	0	0	0	0	97°	50	0	0	0	0	0	0
0	0	0	0	0	97.5°	83	0	0	0	0	0	0
0	0	0	0	0	98°	66	0	0	0	0	0	0
0	0	0	0	0	98.5°	83	0	0	0	0	0	0
0	0	0	0	0	99°	132	0	0	0	0	0	0
0	0	0	0	0	99.5°	83	0	0	0	0	0	0
0	0	0	0	0	100°	50	0	0	0	0	0	0
0	0	0	0	0	100.5°	83	0	0	0	0	0	0
0	0	0	0	0	101°	83	0	0	0	0	0	0
0	0	0	0	0	101.5°	83	0	0	0	0	0	0
0	0	0	0	0	102°	116	0	0	0	0	0	0
0	0	0	0	0	102.5°	99	0	0	0	0	0	0
0	0	0	0	0	103°	99	0	0	0	0	0	0
0	0	0	0	0	103.5°	83	0	0	0	0	0	0
0	0	0	0	0	104°	99	0	0	0	0	0	0
0	0	0	0	0	104.5°	99	0	0	0	0	0	0
0	0	0	0	0	105°	83	0	0	0	0	0	0
0	0	0	0	0	105.5°	99	0	0	0	0	0	0
0	0	0	0	0	106°	99	0	0	0	0	0	0
0	0	0	0	0	106.5°	99	0	0	0	0	0	0
0	0	0	0	0	107°	99	0	0	0	0	0	0
0	0	0	0	0	107.5°	83	0	0	0	0	0	0
0	0	0	0	0	108°	99	0	0	0	0	0	0
0	0	0	0	0	108.5°	83	0	0	0	0	0	0
0	0	0	0	0	109°	83	0	0	0	0	0	0
0	0	0	0	0	109.5°	99	0	0	0	0	0	0
0	0	0	0	0	110°	83	0	0	0	0	0	0
0	0	0	0	0	110.5°	83	0	0	0	0	0	0
0	0	0	0	0	111°	99	0	0	0	0	0	0
0	0	0	0	0	111.5°	83	0	0	0	0	0	0
0	0	0	0	0	112°	99	0	0	0	0	0	0



REPORT NUMBER: 08882  
 CATALOG NUMBER: GSM-1000-HPS-3V-FG-EHS

**CANDELA DISTRIBUTION (continued):**

155°	165°	175°	180°		90°	95°	105°	115°	125°	135°	145°	155°
0	0	0	0	112.5°	99	0	0	0	0	0	0	0
0	0	0	0	113°	99	0	0	0	0	0	0	0
0	0	0	0	113.5°	99	0	0	0	0	0	0	0
0	0	0	0	114°	116	0	0	0	0	0	0	0
0	0	0	0	114.5°	99	0	0	0	0	0	0	0
0	0	0	0	115°	99	0	0	0	0	0	0	0
0	0	0	0	115.5°	132	0	0	0	0	0	0	0
0	0	0	0	116°	99	0	0	0	0	0	0	0
0	0	0	0	116.5°	116	0	0	0	0	0	0	0
0	0	0	0	117°	116	0	0	0	0	0	0	0
0	0	0	0	117.5°	99	0	0	0	0	0	0	0
0	0	0	0	118°	116	0	0	0	0	0	0	0
0	0	0	0	118.5°	99	0	0	0	0	0	0	0
0	0	0	0	119°	99	0	0	0	0	0	0	0
0	0	0	0	119.5°	132	0	0	0	0	0	0	0
0	0	0	0	120°	99	0	0	0	0	0	0	0
0	0	0	0	120.5°	116	0	0	0	0	0	0	0
0	0	0	0	121°	99	0	0	0	0	0	0	0
0	0	0	0	121.5°	99	0	0	0	0	0	0	0
0	0	0	0	122°	132	0	0	0	0	0	0	0
0	0	0	0	122.5°	116	0	0	0	0	0	0	0
0	0	0	0	123°	99	0	0	0	0	0	0	0
0	0	0	0	123.5°	149	0	0	0	0	0	0	0
0	0	0	0	124°	99	0	0	0	0	0	0	0
0	0	0	0	124.5°	99	0	0	0	0	0	0	0
0	0	0	0	125°	116	0	0	0	0	0	0	0
0	0	0	0	125.5°	116	0	0	0	0	0	0	0
0	0	0	0	126°	116	0	0	0	0	0	0	0
0	0	0	0	126.5°	132	0	0	0	0	0	0	0
0	0	0	0	127°	116	0	0	0	0	0	0	0
0	0	0	0	127.5°	116	0	0	0	0	0	0	0
0	0	0	0	128°	99	0	0	0	0	0	0	0
0	0	0	0	128.5°	99	0	0	0	0	0	0	0
0	0	0	0	129°	99	0	0	0	0	0	0	0
0	0	0	0	129.5°	99	0	0	0	0	0	0	0
0	0	0	0	130°	99	0	0	0	0	0	0	0
0	0	0	0	130.5°	83	0	0	0	0	0	0	0
0	0	0	0	131°	83	0	0	0	0	0	0	0
0	0	0	0	131.5°	99	0	0	0	0	0	0	0
0	0	0	0	132°	99	0	0	0	0	0	0	0
0	0	0	0	132.5°	66	0	0	0	0	0	0	0
0	0	0	0	133°	99	0	0	0	0	0	0	0
0	0	0	0	133.5°	99	0	0	0	0	0	0	0
0	0	0	0	134°	66	0	0	0	0	0	0	0
0	0	0	0	134.5°	66	0	0	0	0	0	0	0



REPORT NUMBER: 08882

CATALOG NUMBER: GSM-1000-HPS-3V-FG-EHS

**CANDELA DISTRIBUTION (continued):**

165°	175°	180°		90°	95°	105°	115°	125°	135°	145°	155°	165°
0	0	0	135°	83	0	0	0	0	0	0	0	0
0	0	0	135.5°	99	0	0	0	0	0	0	0	0
0	0	0	136°	99	0	0	0	0	0	0	0	0
0	0	0	136.5°	99	0	0	0	0	0	0	0	0
0	0	0	137°	83	0	0	0	0	0	0	0	0
0	0	0	137.5°	83	0	0	0	0	0	0	0	0
0	0	0	138°	83	0	0	0	0	0	0	0	0
0	0	0	138.5°	83	0	0	0	0	0	0	0	0
0	0	0	139°	66	0	0	0	0	0	0	0	0
0	0	0	139.5°	66	0	0	0	0	0	0	0	0
0	0	0	140°	83	0	0	0	0	0	0	0	0
0	0	0	140.5°	66	0	0	0	0	0	0	0	0
0	0	0	141°	66	0	0	0	0	0	0	0	0
0	0	0	141.5°	66	0	0	0	0	0	0	0	0
0	0	0	142°	50	0	0	0	0	0	0	0	0
0	0	0	142.5°	66	0	0	0	0	0	0	0	0
0	0	0	143°	50	0	0	0	0	0	0	0	0
0	0	0	143.5°	33	0	0	0	0	0	0	0	0
0	0	0	144°	50	0	0	0	0	0	0	0	0
0	0	0	144.5°	66	0	0	0	0	0	0	0	0
0	0	0	145°	66	0	0	0	0	0	0	0	0
0	0	0	145.5°	66	0	0	0	0	0	0	0	0
0	0	0	146°	33	0	0	0	0	0	0	0	0
0	0	0	146.5°	33	0	0	0	0	0	0	0	0
0	0	0	147°	50	0	0	0	0	0	0	0	0
0	0	0	147.5°	66	0	0	0	0	0	0	0	0
0	0	0	148°	50	0	0	0	0	0	0	0	0
0	0	0	148.5°	50	0	0	0	0	0	0	0	0
0	0	0	149°	33	0	0	0	0	0	0	0	0
0	0	0	149.5°	33	0	0	0	0	0	0	0	0
0	0	0	150°	33	0	0	0	0	0	0	0	0
0	0	0	150.5°	17	0	0	0	0	0	0	0	0
0	0	0	151°	66	0	0	0	0	0	0	0	0
0	0	0	151.5°	33	0	0	0	0	0	0	0	0
0	0	0	152°	17	0	0	0	0	0	0	0	0
0	0	0	152.5°	17	0	0	0	0	0	0	0	0
0	0	0	153°	17	0	0	0	0	0	0	0	0
0	0	0	153.5°	17	0	0	0	0	0	0	0	0
0	0	0	154°	17	0	0	0	0	0	0	0	0
0	0	0	154.5°	33	0	0	0	0	0	0	0	0
0	0	0	155°	17	0	0	0	0	0	0	0	0
0	0	0	155.5°	66	0	0	0	0	0	0	0	0
0	0	0	156°	17	0	0	0	0	0	0	0	0
0	0	0	156.5°	33	0	0	0	0	0	0	0	0
0	0	0	157°	17	0	0	0	0	0	0	0	0



REPORT NUMBER: 08882

CATALOG NUMBER: GSM-1000-HPS-3V-FG-EHS

**CANDELA DISTRIBUTION (continued):**

175°	180°		90°	95°	105°	115°	125°	135°	145°	155°	165°	175°
0	0	157.5°	50	0	0	0	0	0	0	0	0	0
0	0	158°	17	0	0	0	0	0	0	0	0	0
0	0	158.5°	0	0	0	0	0	0	0	0	0	0
0	0	159°	0	0	0	0	0	0	0	0	0	0
0	0	159.5°	0	0	0	0	0	0	0	0	0	0
0	0	160°	0	0	0	0	0	0	0	0	0	0
0	0	160.5°	0	0	0	0	0	0	0	0	0	0
0	0	161°	0	0	0	0	0	0	0	0	0	0
0	0	161.5°	0	0	0	0	0	0	0	0	0	0
0	0	162°	0	0	0	0	0	0	0	0	0	0
0	0	162.5°	0	0	0	0	0	0	0	0	0	0
0	0	163°	0	0	0	0	0	0	0	0	0	0
0	0	163.5°	0	0	0	0	0	0	0	0	0	0
0	0	164°	0	0	0	0	0	0	0	0	0	0
0	0	164.5°	0	0	0	0	0	0	0	0	0	0
0	0	165°	0	0	0	0	0	0	0	0	0	0
0	0	165.5°	0	0	0	0	0	0	0	0	0	0
0	0	166°	0	0	0	0	0	0	0	0	0	0
0	0	166.5°	0	0	0	0	0	0	0	0	0	0
0	0	167°	0	0	0	0	0	0	0	0	0	0
0	0	167.5°	0	0	0	0	0	0	0	0	0	0
0	0	168°	0	0	0	0	0	0	0	0	0	0
0	0	168.5°	0	0	0	0	0	0	0	0	0	0
0	0	169°	0	0	0	0	0	0	0	0	0	0
0	0	169.5°	0	0	0	0	0	0	0	0	0	0
0	0	170°	0	0	0	0	0	0	0	0	0	0
0	0	170.5°	0	0	0	0	0	0	0	0	0	0
0	0	171°	0	0	0	0	0	0	0	0	0	0
0	0	171.5°	0	0	0	0	0	0	0	0	0	0
0	0	172°	0	0	0	0	0	0	0	0	0	0
0	0	172.5°	0	0	0	0	0	0	0	0	0	0
0	0	173°	0	0	0	0	0	0	0	0	0	0
0	0	173.5°	0	0	0	0	0	0	0	0	0	0
0	0	174°	0	0	0	0	0	0	0	0	0	0
0	0	174.5°	0	0	0	0	0	0	0	0	0	0
0	0	175°	0	0	0	0	0	0	0	0	0	0
0	0	175.5°	0	0	0	0	0	0	0	0	0	0
0	0	176°	0	0	0	0	0	0	0	0	0	0
0	0	176.5°	0	0	0	0	0	0	0	0	0	0
0	0	177°	0	0	0	0	0	0	0	0	0	0
0	0	177.5°	0	0	0	0	0	0	0	0	0	0
0	0	178°	0	0	0	0	0	0	0	0	0	0
0	0	178.5°	0	0	0	0	0	0	0	0	0	0
0	0	179°	0	0	0	0	0	0	0	0	0	0
0	0	179.5°	0	0	0	0	0	0	0	0	0	0

