

**Luminaire**

Code 90884L006

Name REBA 50 LITE LINE L0600 BLINE 840 G

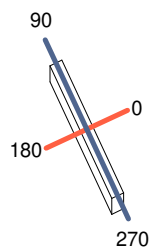
**Measur.**

Code 28/6/2024

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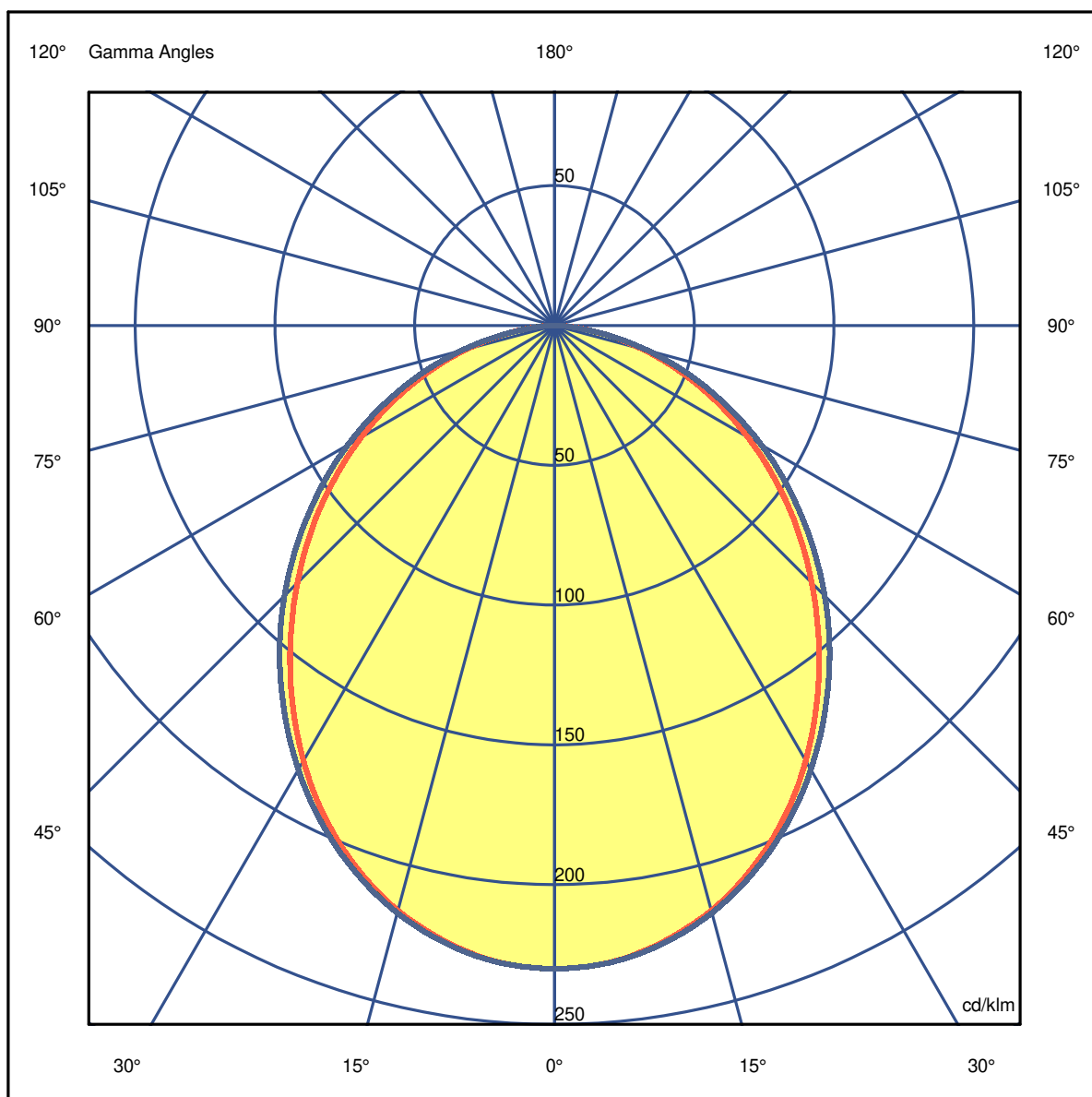
Luminaire Flux	1127 lm	Luminaire Power	12.0 W	Efficacy	94.041 lm/W	Efficiency	58.07%
Source Flux	1940 lm	Maximum value	230.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

562mm x 51mm



C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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**Measurem.**

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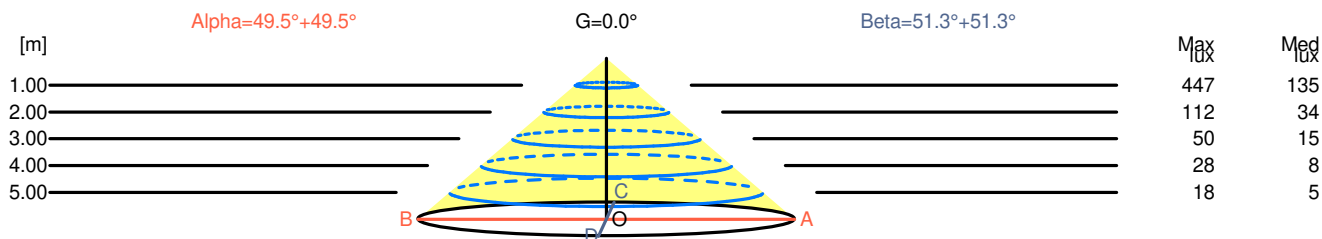
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Luminaire Flux	1127 lm	Luminaire Power	12.0 W	Efficacy	94.041 lm/W	Efficiency	58.07%
Source Flux	1940 lm	Maximum value	230.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Width at 50.00 % of Max Intensity

H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	1.17	2.34	3.51	4.68	5.85	OC	1.25	2.50	3.75	5.00	6.25
OB	1.17	2.34	3.51	4.68	5.85	OD	1.25	2.50	3.75	5.00	6.25

	0	5	15	25	35	45	55	65	75	85
OA	446.59	443.48	420.20	376.94	317.58	252.39	187.21	123.19	62.86	14.16
OB	446.59	443.48	420.20	376.94	317.58	252.39	187.21	123.19	62.86	14.16
OC	446.59	443.68	421.95	381.60	327.08	265.20	199.04	132.11	66.93	13.19
OD	446.59	443.68	421.95	381.60	327.08	265.20	199.04	132.11	66.93	13.19



H[m]	D[m]	Max lux	Med lux	Alpha=49.5°+49.5°	G=0.0
1.00	2.34	447	135		
2.00	4.68	112	34		
3.00	7.02	50	15		
4.00	9.36	28	8		
5.00	11.71	18	5		

H[m]	D[m]	Max lux	Med lux	Beta=51.3°+51.3°	G=0.0
1.00	2.50	447	135		
2.00	5.00	112	34		
3.00	7.50	50	15		
4.00	10.00	28	8		
5.00	12.50	18	5		

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Luminaire Flux	1127 lm	Luminaire Power	12.0 W	Efficacy	94.041 lm/W	Efficiency	58.07%
Source Flux	1940 lm	Maximum value	230.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

**UGR**  
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	17.8	19.1	18.1	19.3	19.6	19.8	21.1	20.1	21.3	21.6
x=2H y=3H	18.7	19.9	19.0	20.1	20.4	21.2	22.3	21.5	22.6	22.9
x=2H y=4H	19.0	20.1	19.3	20.4	20.6	21.7	22.8	22.0	23.0	23.3
x=2H y=6H	19.1	20.1	19.5	20.4	20.7	21.9	22.9	22.3	23.2	23.6
x=2H y=8H	19.1	20.1	19.5	20.4	20.7	22.0	23.0	22.4	23.3	23.6
x=2H y=12H	19.1	20.0	19.5	20.4	20.7	22.0	22.9	22.4	23.3	23.6
x=4H y=2H	18.4	19.5	18.7	19.8	20.1	20.1	21.2	20.4	21.5	21.7
x=4H y=3H	19.5	20.4	19.8	20.7	21.0	21.6	22.5	21.9	22.8	23.1
x=4H y=4H	19.8	20.7	20.2	21.0	21.4	22.1	23.0	22.5	23.3	23.7
x=4H y=6H	20.0	20.7	20.5	21.1	21.5	22.5	23.2	22.9	23.6	24.0
x=4H y=8H	20.1	20.8	20.5	21.1	21.6	22.6	23.3	23.0	23.7	24.1
x=4H y=12H	20.1	20.7	20.5	21.1	21.5	22.6	23.2	23.1	23.6	24.1
x=8H y=4H	20.0	20.7	20.5	21.1	21.5	22.2	22.9	22.6	23.2	23.7
x=8H y=6H	20.3	20.9	20.8	21.3	21.7	22.6	23.2	23.1	23.6	24.0
x=8H y=8H	20.4	20.8	20.8	21.3	21.8	22.7	23.2	23.2	23.7	24.1
x=8H y=12H	20.4	20.8	20.9	21.2	21.8	22.8	23.2	23.3	23.6	24.2
x=12H y=4H	20.0	20.6	20.5	21.0	21.5	22.2	22.8	22.6	23.2	23.6
x=12H y=6H	20.3	20.8	20.8	21.2	21.7	22.6	23.1	23.1	23.5	24.0
x=12H y=8H	20.4	20.8	20.9	21.3	21.8	22.7	23.1	23.2	23.6	24.1

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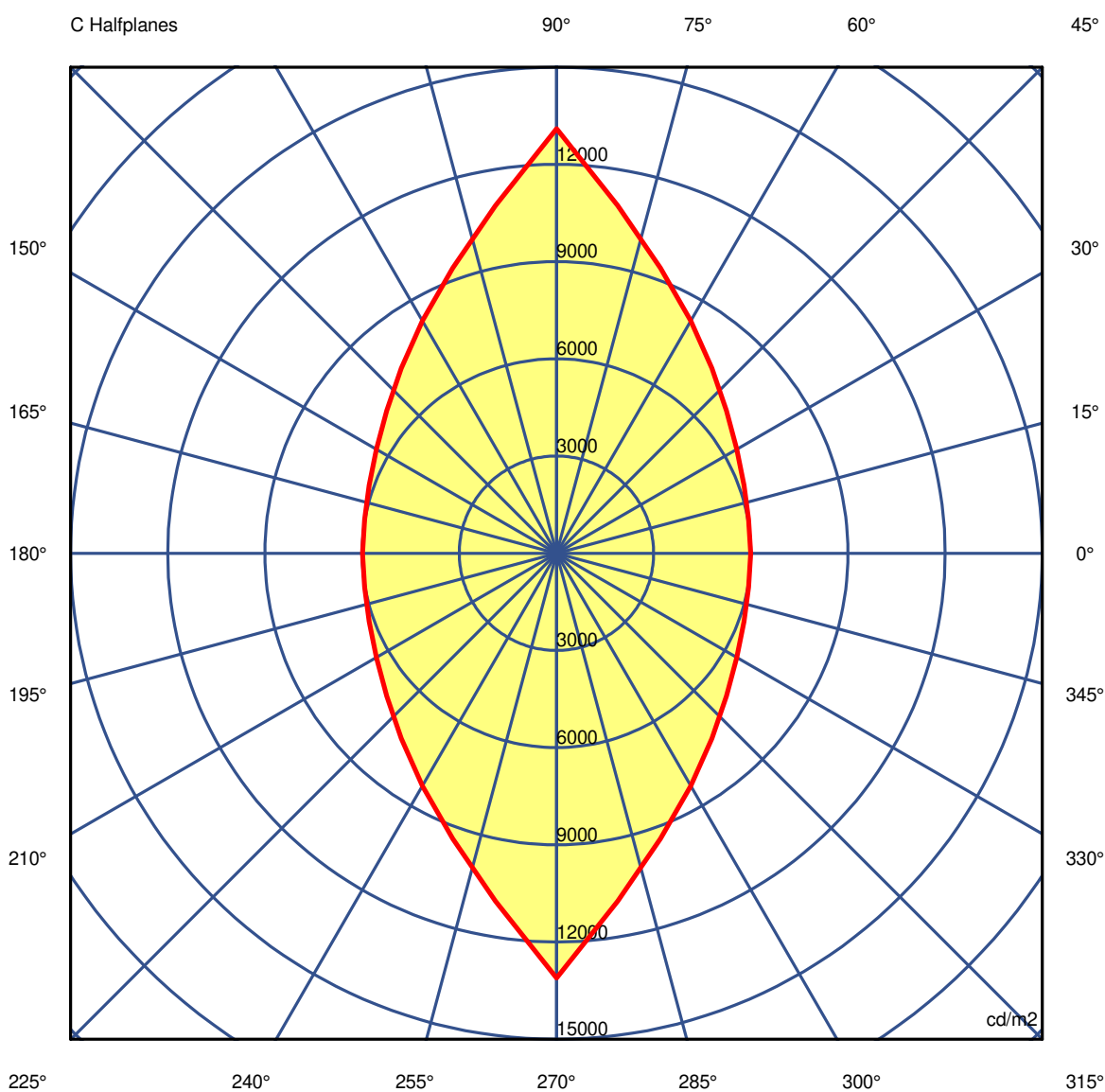
**Measurem.**

Code 28/6/2024

Name REBA 50 LITE LINE L0600 BLINE 840 G

Luminaire Flux	1127 lm	Luminaire Power	12.0 W	Efficacy	94.041 lm/W	Efficiency	58.07%
Source Flux	1940 lm	Maximum value	230.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

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**Measurement**

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Name REBA 50 LITE LINE L0600 BLINE 840 G

Luminaire Flux	1127 lm		Luminaire Power		12.0 W		Efficacy		94.041 lm/W		Efficiency		58.07%	
Source Flux	1940 lm		Maximum value		230.20 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical	
Luminance cd/m2														
Table 1/3														
	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00	
G 0.0	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	
G 5.0	15456	15458	15509	15612	15761	15952	16181	16444	16742	17068	16742	16444	16181	
G 10.0	13865	13859	13950	14129	14371	14695	15108	15601	16160	16776	16160	15601	15108	
G 15.0	12470	12476	12583	12789	13099	13523	14067	14734	15519	16428	15519	14734	14067	
G 20.0	11188	11195	11319	11567	11929	12417	13050	13844	14819	15997	14819	13844	13050	
G 25.0	10004	10011	10145	10417	10809	11349	12058	12956	14090	15514	14090	12956	12058	
G 30.0	8882	8893	9039	9340	9758	10334	11096	12058	13313	14969	13313	12058	11096	
G 35.0	7838	7850	7998	8293	8739	9348	10140	11158	12525	14371	12525	11158	10140	
G 40.0	6875	6890	7036	7325	7762	8380	9206	10265	11723	13765	11723	10265	9206	
G 45.0	5992	6014	6154	6427	6850	7461	8291	9372	10894	13108	10894	9372	8291	
G 50.0	5183	5193	5324	5586	5979	6553	7361	8467	10034	12397	10034	8467	7361	
G 55.0	4410	4425	4545	4782	5151	5688	6455	7546	9138	11648	9138	7546	6455	
G 60.0	3679	3691	3798	4012	4344	4835	5552	6605	8190	10830	8190	6605	5552	
G 65.0	2969	2982	3074	3258	3549	3979	4615	5590	7117	9839	7117	5590	4615	
G 70.0	2279	2285	2356	2504	2742	3099	3638	4490	5906	8686	5906	4490	3638	
G 75.0	1601	1608	1661	1767	1942	2211	2632	3318	4517	7153	4517	3318	2632	
G 80.0	957	958	990	1059	1166	1332	1597	2047	2897	5114	2897	2047	1597	
G 85.0	395	395	410	439	478	548	670	868	1272	2637	1272	868	670	
G 90.0	69	69	71	76	84	98	121	165	266	773	266	165	121	

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Luminaire Flux		1127 lm		Luminaire Power		12.0 W		Efficacy		94.041 lm/W		Efficiency		58.07%												
Source Flux		1940 lm		Maximum value		230.20 cd/klm		Position		C=0.00 G=0.00		CG		Double Symmetrical												
Luminance cd/m2														Table 2/3												
C 130.00		C 140.00		C 150.00		C 160.00		C 170.00		C 180.00		C 190.00		C 200.00		C 210.00		C 220.00		C 230.00		C 240.00		C 250.00		
G 0.0	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275
G 5.0	15952	15761	15612	15509	15458	15456	15458	15509	15612	15761	15952	16181	16444	16745	17046	17347	17648	17949	18250	18551	18852	19153	19454	19755	20056	20357
G 10.0	14695	14371	14129	13950	13859	13865	13859	13950	14129	14371	14695	15108	15601	16094	16587	17080	17573	18066	18559	19052	19545	20038	20531	21024	21517	22010
G 15.0	13523	13099	12789	12583	12476	12470	12476	12583	12789	13099	13523	14067	14734	15401	16068	16735	17402	18069	18736	19403	20070	20737	21404	22071	22738	23405
G 20.0	12417	11929	11567	11319	11195	11188	11195	11319	11567	11929	12417	13050	13844	14638	15432	16226	17020	17814	18608	19402	20196	20990	21784	22578	23372	24166
G 25.0	11349	10809	10417	10145	10011	10004	10011	10145	10417	10809	11349	12058	12956	13854	14752	15650	16548	17446	18344	19242	20140	21038	21936	22834	23732	24630
G 30.0	10334	9758	9340	9039	8893	8882	8893	9039	9340	9758	10334	11096	12058	13019	13980	14941	15902	16863	17824	18785	19746	20707	21668	22629	23590	24551
G 35.0	9348	8739	8293	7998	7850	7838	7850	7998	8293	8739	9348	10140	11158	12176	13194	14212	15230	16248	17266	18284	19302	20320	21338	22356	23374	24392
G 40.0	8380	7762	7325	7036	6890	6875	6890	7036	7325	7762	8380	9206	10265	11324	12383	13442	14501	15560	16619	17678	18737	19796	20855	21914	22973	24032
G 45.0	7461	6850	6427	6154	6014	5992	6014	6154	6427	6850	7461	8291	9372	10453	11534	12615	13696	14777	15858	16939	18020	19101	20182	21263	22344	23425
G 50.0	6553	5979	5586	5324	5193	5183	5193	5324	5586	5979	6553	7361	8467	9563	10659	11755	12851	13947	15043	16139	17235	18331	19427	20523	21619	22715
G 55.0	5688	5151	4782	4545	4425	4410	4425	4545	4782	5151	5688	6455	7546	8637	9728	10819	11910	13001	14092	15183	16274	17365	18456	19547	20638	21729
G 60.0	4835	4344	4012	3798	3691	3679	3691	3798	4012	4344	4835	5552	6605	7658	8711	9764	10817	11870	12923	13976	15029	16082	17135	18188	19241	20294
G 65.0	3979	3549	3258	3074	2982	2969	2982	3074	3258	3549	3979	4615	5590	6565	7540	8515	9490	10465	11440	12415	13390	14365	15340	16315	17290	18265
G 70.0	3099	2742	2504	2356	2285	2279	2285	2356	2504	2742	3099	3638	4490	5342	6194	7046	7898	8750	9602	10454	11306	12158	13010	13862	14714	15566
G 75.0	2211	1942	1767	1661	1608	1601	1608	1661	1767	1942	2211	2632	3318	4004	4690	5376	6062	6748	7434	8120	8806	9492	10178	10864	11550	12236
G 80.0	1332	1166	1059	990	958	957	958	990	1059	1166	1332	1597	2047	2507	2967	3427	3887	4347	4807	5267	5727	6187	6647	7107	7567	8027
G 85.0	548	478	439	410	395	395	395	410	439	478	548	670	868	1066	1264	1462	1660	1858	2056	2254	2452	2650	2848	3046	3244	3442
G 90.0	98	84	76	71	69	69	69	71	76	84	98	121	165	209	253	297	341	385	429	473	517	561	605	649	693	737

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Source Flux	1940 lm	Maximum value	230.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance cd/m2 Table 3/3

	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	17275	17275	17275	17275	17275	17275	17275	17275	17275	17275
G 5.0	16742	17068	16742	16444	16181	15952	15761	15612	15509	15458
G 10.0	16160	16776	16160	15601	15108	14695	14371	14129	13950	13859
G 15.0	15519	16428	15519	14734	14067	13523	13099	12789	12583	12476
G 20.0	14819	15997	14819	13844	13050	12417	11929	11567	11319	11195
G 25.0	14090	15514	14090	12956	12058	11349	10809	10417	10145	10011
G 30.0	13313	14969	13313	12058	11096	10334	9758	9340	9039	8893
G 35.0	12525	14371	12525	11158	10140	9348	8739	8293	7998	7850
G 40.0	11723	13765	11723	10265	9206	8380	7762	7325	7036	6890
G 45.0	10894	13108	10894	9372	8291	7461	6850	6427	6154	6014
G 50.0	10034	12397	10034	8467	7361	6553	5979	5586	5324	5193
G 55.0	9138	11648	9138	7546	6455	5688	5151	4782	4545	4425
G 60.0	8190	10830	8190	6605	5552	4835	4344	4012	3798	3691
G 65.0	7117	9839	7117	5590	4615	3979	3549	3258	3074	2982
G 70.0	5906	8686	5906	4490	3638	3099	2742	2504	2356	2285
G 75.0	4517	7153	4517	3318	2632	2211	1942	1767	1661	1608
G 80.0	2897	5114	2897	2047	1597	1332	1166	1059	990	958
G 85.0	1272	2637	1272	868	670	548	478	439	410	395
G 90.0	266	773	266	165	121	98	84	76	71	69