

**Luminaire**

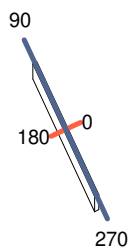
Code 90541L012-98  
Name CONCEPT LINEA 35 L1686 BFLEX 830 MID/END

**Measurem.**

Code 31/7/2023  
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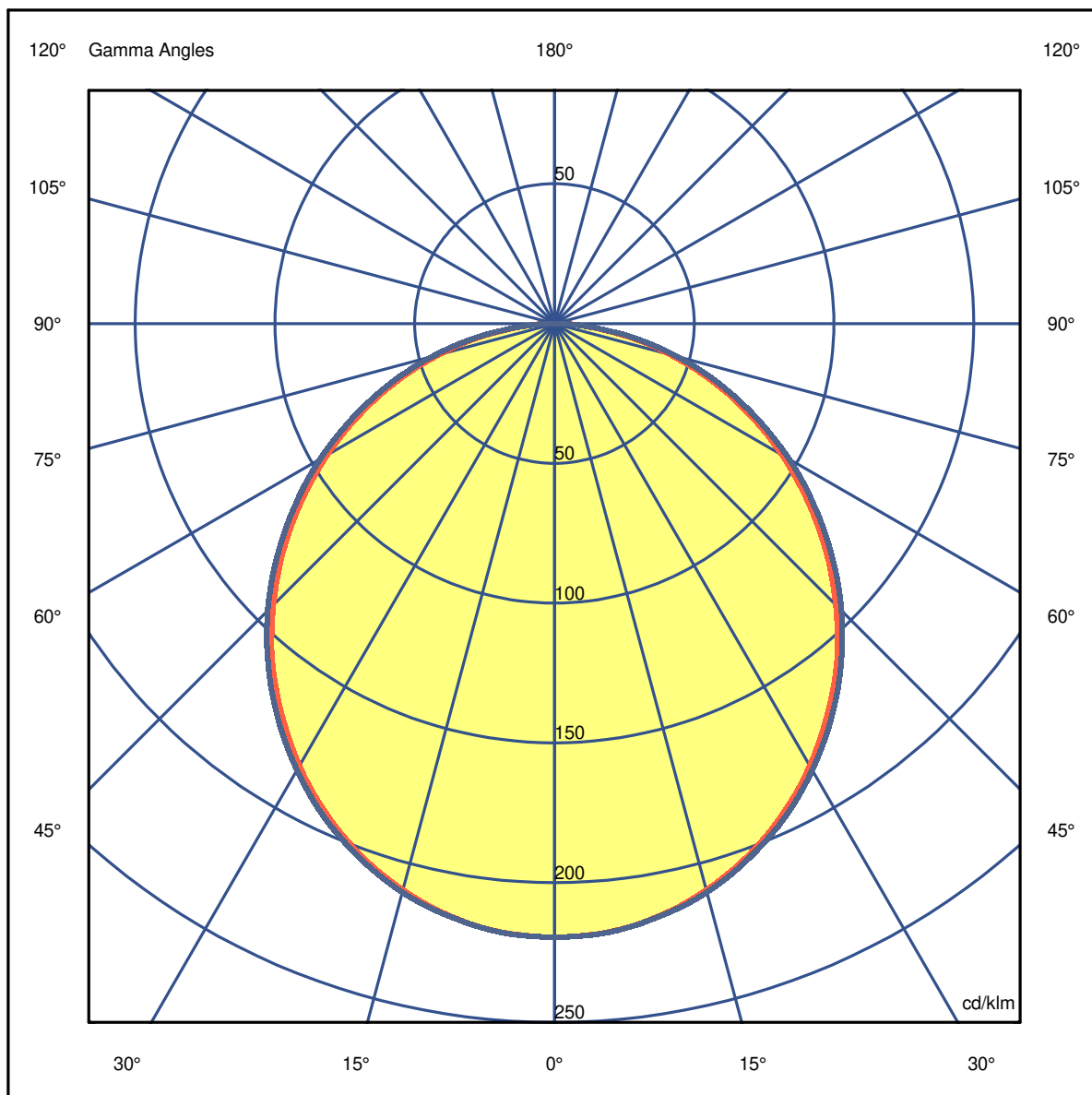
Luminaire Flux	4777 lm	Luminaire Power	53.0 W	Efficacy	90.176 lm/W	Efficiency	62.59%
Source Flux	7632 lm	Maximum value	219.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1686mm x 55mm



C Halfplanes

180.0 ——— 0.0  
270.0 ——— 90.0



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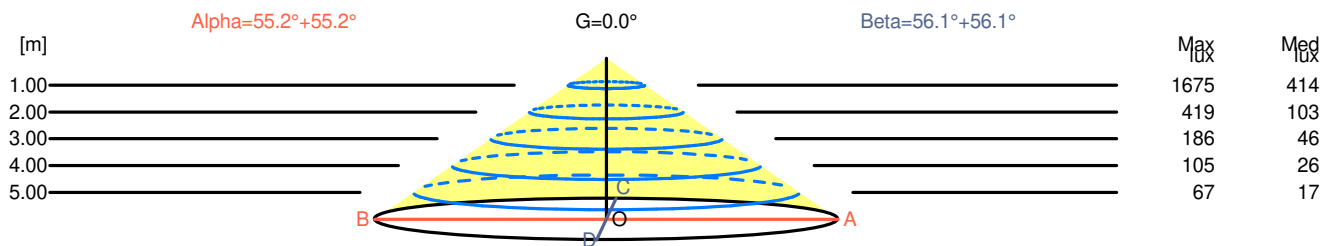
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Width at 50.00 % of Max Intensity

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	1.44	2.88	4.32	5.76	7.20	OC	1.49	2.98	4.47	5.96	7.45
OB	1.44	2.88	4.32	5.76	7.20	OD	1.49	2.98	4.47	5.96	7.45

	0	5	15	25	35	45	55	65	75	85
OA	1675.22	1667.59	1600.43	1476.03	1299.73	1086.03	843.34	586.90	327.41	89.29
OB	1675.22	1667.59	1600.43	1476.03	1299.73	1086.03	843.34	586.90	327.41	89.29
OC	1675.22	1668.36	1607.30	1487.48	1317.28	1108.17	865.47	607.51	345.73	90.82
OD	1675.22	1668.36	1607.30	1487.48	1317.28	1108.17	865.47	607.51	345.73	90.82



H[m]	D[m]	Max lux	Med lux	Alpha=55.2°+55.2°	G=0.0	
1.00	2.88	1675	414			
2.00	5.76	419	103			
3.00	8.64	186	46			
4.00	11.52	105	26			
5.00	14.40	67	17			

H[m]	D[m]	Max lux	Med lux	Beta=56.1°+56.1°	G=0.0	
1.00	2.98	1675	414			
2.00	5.96	419	103			
3.00	8.94	186	46			
4.00	11.91	105	26			
5.00	14.89	67	17			

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Source Flux	7632 lm	Maximum value	219.50 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	20.1	21.4	20.3	21.6	21.9	22.5	23.9	22.8	24.1	24.3
x=2H y=3H	21.1	22.3	21.4	22.6	22.9	24.1	25.4	24.5	25.6	25.9
x=2H y=4H	21.4	22.6	21.8	22.9	23.1	24.8	25.9	25.1	26.2	26.5
x=2H y=6H	21.6	22.7	22.0	23.0	23.3	25.3	26.4	25.6	26.6	27.0
x=2H y=8H	21.7	22.7	22.0	23.0	23.3	25.5	26.5	25.8	26.8	27.1
x=2H y=12H	21.7	22.6	22.0	23.0	23.3	25.5	26.5	25.9	26.9	27.2
x=4H y=2H	20.7	21.9	21.1	22.2	22.4	22.8	23.9	23.1	24.2	24.5
x=4H y=3H	21.9	22.9	22.3	23.2	23.6	24.5	25.5	24.9	25.8	26.2
x=4H y=4H	22.4	23.2	22.8	23.6	23.9	25.2	26.1	25.6	26.5	26.8
x=4H y=6H	22.6	23.4	23.0	23.8	24.2	25.8	26.6	26.2	27.0	27.4
x=4H y=8H	22.7	23.4	23.1	23.8	24.2	26.0	26.7	26.5	27.1	27.5
x=4H y=12H	22.7	23.4	23.2	23.8	24.2	26.1	26.8	26.6	27.2	27.6
x=8H y=4H	22.6	23.3	23.1	23.7	24.1	25.3	26.0	25.7	26.4	26.8
x=8H y=6H	23.0	23.5	23.4	24.0	24.4	25.9	26.5	26.4	26.9	27.4
x=8H y=8H	23.1	23.6	23.6	24.0	24.5	26.2	26.7	26.6	27.1	27.6
x=8H y=12H	23.1	23.6	23.6	24.0	24.5	26.3	26.8	26.8	27.2	27.7
x=12H y=4H	22.6	23.3	23.1	23.7	24.1	25.3	25.9	25.7	26.3	26.8
x=12H y=6H	23.0	23.5	23.5	24.0	24.4	25.9	26.4	26.4	26.9	27.4
x=12H y=8H	23.1	23.6	23.6	24.0	24.6	26.2	26.6	26.7	27.1	27.6

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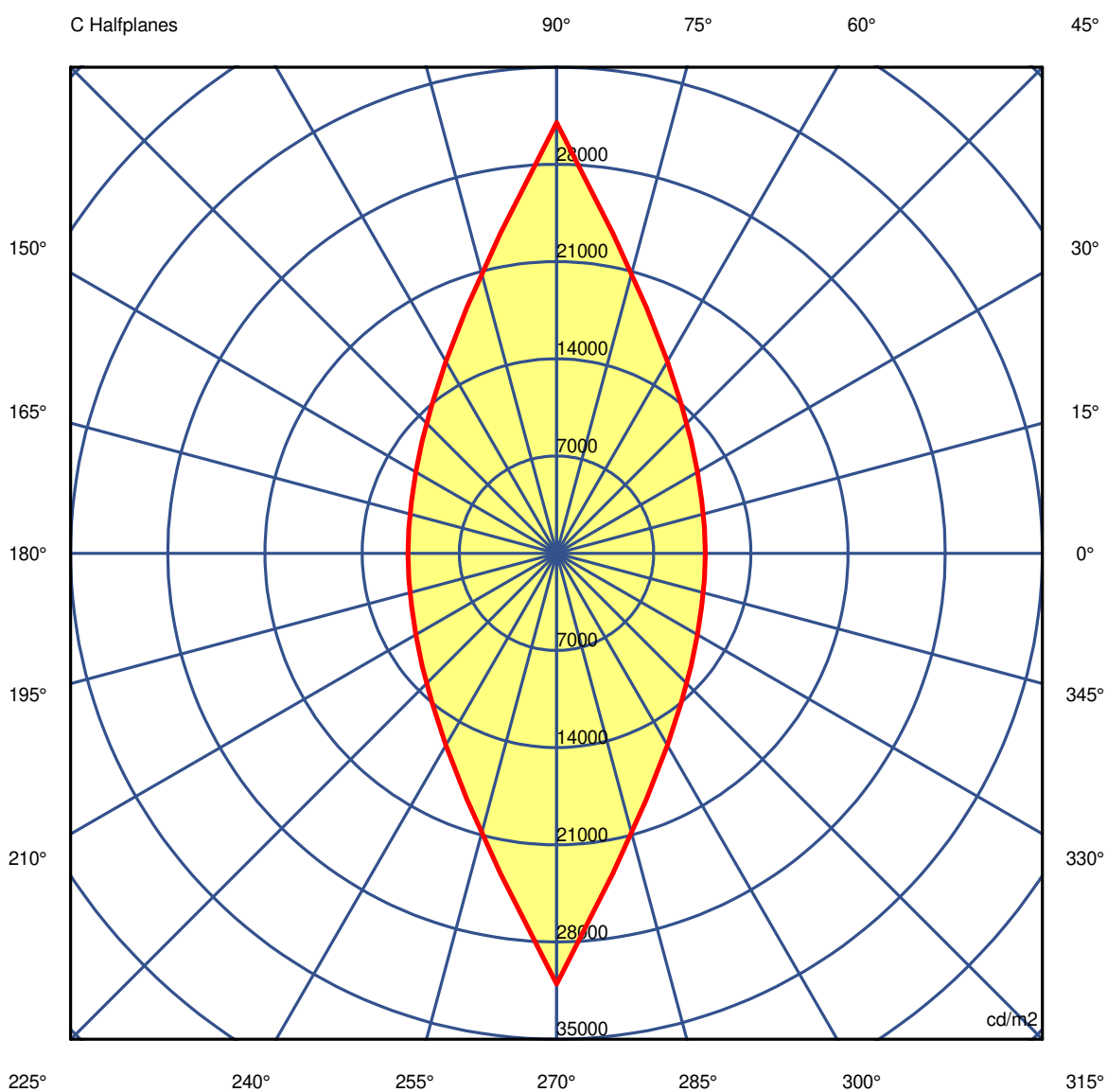
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Luminaire Flux	4777 lm	Luminaire Power	53.0 W	Efficacy	90.176 lm/W	Efficiency	62.59%
Source Flux	7632 lm	Maximum value	219.50 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



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**Measur.**

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Luminaire Flux		4777 lm		Luminaire Power		53.0 W		Efficacy		90.176 lm/W		Efficiency		62.59%	
Source Flux		7632 lm		Maximum value		219.50 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	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262
G 5.0	29288	29329	29507	29815	30226	30787	31497	32297	33184	34153	33184	32297	31497	30787	29507
G 10.0	25445	25504	25781	26270	26949	27864	29035	30440	32074	33942	32074	30440	29035	27864	26270
G 15.0	22332	22412	22755	23352	24181	25328	26835	28684	30955	33733	30955	28684	26835	24181	22755
G 20.0	19754	19854	20208	20832	21765	23064	24784	26987	29801	33400	29801	26987	24784	23064	21765
G 25.0	17527	17629	17997	18653	19619	20991	22864	25333	28619	33056	28619	25333	22864	20991	19619
G 30.0	15562	15652	16023	16691	17674	19078	21035	23709	27395	32611	27395	23709	21035	19078	17674
G 35.0	13797	13904	14267	14912	15892	17311	19312	22106	26120	32142	26120	22106	19312	17311	15892
G 40.0	12224	12289	12627	13260	14211	15598	17596	20468	24763	31599	24763	20468	17596	15598	14211
G 45.0	10717	10804	11123	11715	12631	13980	15951	18869	23391	31022	23391	18869	15951	13980	12631
G 50.0	9327	9396	9700	10261	11107	12385	14304	17193	21845	30273	21845	17193	14304	12385	11107
G 55.0	8002	8078	8351	8853	9642	10839	12651	15473	20212	29463	20212	15473	10839	9642	8351
G 60.0	6754	6818	7060	7516	8223	9313	10998	13672	18408	28605	18408	13672	9313	8223	7060
G 65.0	5525	5584	5790	6177	6808	7775	9280	11780	16414	27445	16414	11780	9280	7775	6808
G 70.0	4336	4380	4554	4887	5407	6233	7558	9772	14141	26181	14141	9772	7558	6233	5407
G 75.0	3153	3192	3336	3609	4003	4648	5723	7555	11432	24307	11432	7555	5723	4648	4003
G 80.0	2008	2013	2113	2311	2584	3025	3778	5125	8191	21331	8191	5125	3778	3025	2584
G 85.0	908	909	959	1058	1190	1412	1796	2475	4160	15448	4160	2475	1796	1412	1190
G 90.0	267	193	200	259	261	312	455	574	961	10339	961	574	455	312	261

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Luminaire Flux		4777 lm		Luminaire Power		53.0 W		Efficacy		90.176 lm/W		Efficiency		62.59%											
Source Flux		7632 lm		Maximum value		219.50 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	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262
G 5.0	30787	30226	29815	29507	29329	29288	29329	29507	29815	30226	30787	31497	32297	33097	33897	34697	35497	36297	37097	37897	38697	39497	40297	41097	41897
G 10.0	27864	26949	26270	25781	25504	25445	25504	25781	26270	26949	27864	29035	30440	31845	33250	34655	36060	37465	38870	40275	41680	43085	44490	45895	47300
G 15.0	25328	24181	23352	22755	22412	22332	22412	22755	23352	24181	25328	26835	28684	30533	32382	34231	36080	37929	39778	41627	43476	45325	47174	49023	50872
G 20.0	23064	21765	20832	20208	19854	19754	19854	20208	20832	21765	23064	24784	26987	29190	31393	33596	35799	37902	40005	42108	44211	46314	48417	50520	52623
G 25.0	20991	19619	18653	17997	17629	17527	17629	17997	18653	19619	20991	22864	25333	27802	30271	32740	35209	37678	40147	42616	45085	47554	49923	52292	54661
G 30.0	19078	17674	16691	16023	15652	15562	15652	16023	16691	17674	19078	21035	23709	26383	29057	31731	34405	37079	39753	42427	45101	47775	50449	53123	55797
G 35.0	17311	15892	14912	14267	13904	13797	13904	14267	14912	15892	17311	19312	22106	24900	27694	30488	33282	36076	38870	41664	44458	47252	49946	52640	55334
G 40.0	15598	14211	13260	12627	12289	12224	12289	12627	13260	14211	15598	17596	20468	23340	26212	29084	31956	34828	37699	40571	43443	46315	49187	52059	54931
G 45.0	13980	12631	11715	11123	10804	10717	10804	11123	11715	12631	13980	15951	18869	21787	24705	27623	30541	33459	36377	39295	42213	45131	48049	50967	53885
G 50.0	12385	11107	10261	9700	9396	9327	9396	9700	10261	11107	12385	14304	17193	20082	22971	25860	28749	31638	34527	37416	40305	43194	46083	48972	51861
G 55.0	10839	9642	8853	8351	8078	8002	8078	8351	8853	9642	10839	12651	15473	18295	21117	23939	26761	29583	32405	35227	38049	40871	43693	46515	49337
G 60.0	9313	8223	7516	7060	6818	6754	6818	7060	7516	8223	9313	10998	13672	16346	19020	21694	24368	27042	29716	32390	35064	37738	40412	43086	45760
G 65.0	7775	6808	6177	5790	5584	5525	5584	5790	6177	6808	7775	9280	11780	14280	16780	19280	21780	24280	26780	29280	31780	34280	36780	39280	41780
G 70.0	6233	5407	4887	4554	4380	4336	4380	4554	4887	5407	6233	7558	9772	11986	14200	16414	18628	20842	23056	25270	27484	29698	31912	34126	36340
G 75.0	4648	4003	3609	3336	3192	3153	3192	3336	3609	4003	4648	5723	7555	9387	11219	13051	14883	16715	18547	20379	22211	24043	25875	27707	29539
G 80.0	3025	2584	2311	2113	2013	2008	2013	2113	2311	2584	3025	3778	5125	6472	7819	9166	10513	11860	13207	14554	15901	17248	18595	19942	21289
G 85.0	1412	1190	1058	959	909	908	909	959	1058	1190	1412	1796	2475	3154	3833	4512	5191	5870	6549	7228	7907	8586	9265	9944	10623
G 90.0	312	261	259	200	193	267	193	200	259	261	312	455	574	693	812	931	1050	1169	1288	1407	1526	1645	1764	1883	1992

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Source Flux	7632 lm	Maximum value	219.50 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	34262	34262	34262	34262	34262	34262	34262	34262	34262	34262
G 5.0	33184	34153	33184	32297	31497	30787	30226	29815	29507	29329
G 10.0	32074	33942	32074	30440	29035	27864	26949	26270	25781	25504
G 15.0	30955	33733	30955	28684	26835	25328	24181	23352	22755	22412
G 20.0	29801	33400	29801	26987	24784	23064	21765	20832	20208	19854
G 25.0	28619	33056	28619	25333	22864	20991	19619	18653	17997	17629
G 30.0	27395	32611	27395	23709	21035	19078	17674	16691	16023	15652
G 35.0	26120	32142	26120	22106	19312	17311	15892	14912	14267	13904
G 40.0	24763	31599	24763	20468	17596	15598	14211	13260	12627	12289
G 45.0	23391	31022	23391	18869	15951	13980	12631	11715	11123	10804
G 50.0	21845	30273	21845	17193	14304	12385	11107	10261	9700	9396
G 55.0	20212	29463	20212	15473	12651	10839	9642	8853	8351	8078
G 60.0	18408	28605	18408	13672	10998	9313	8223	7516	7060	6818
G 65.0	16414	27445	16414	11780	9280	7775	6808	6177	5790	5584
G 70.0	14141	26181	14141	9772	7558	6233	5407	4887	4554	4380
G 75.0	11432	24307	11432	7555	5723	4648	4003	3609	3336	3192
G 80.0	8191	21331	8191	5125	3778	3025	2584	2311	2113	2013
G 85.0	4160	15448	4160	2475	1796	1412	1190	1058	959	909
G 90.0	961	10339	961	574	455	312	261	259	200	193