

Luminaire

Code 90717L550

Name ROFY 60 SQ D/I L0550W550 LIGHT+ 830 LO

Measurement

Code 9/8/2023

Name ROFY 60 SQ D/I L0550W550 LIGHT+ 830 LO

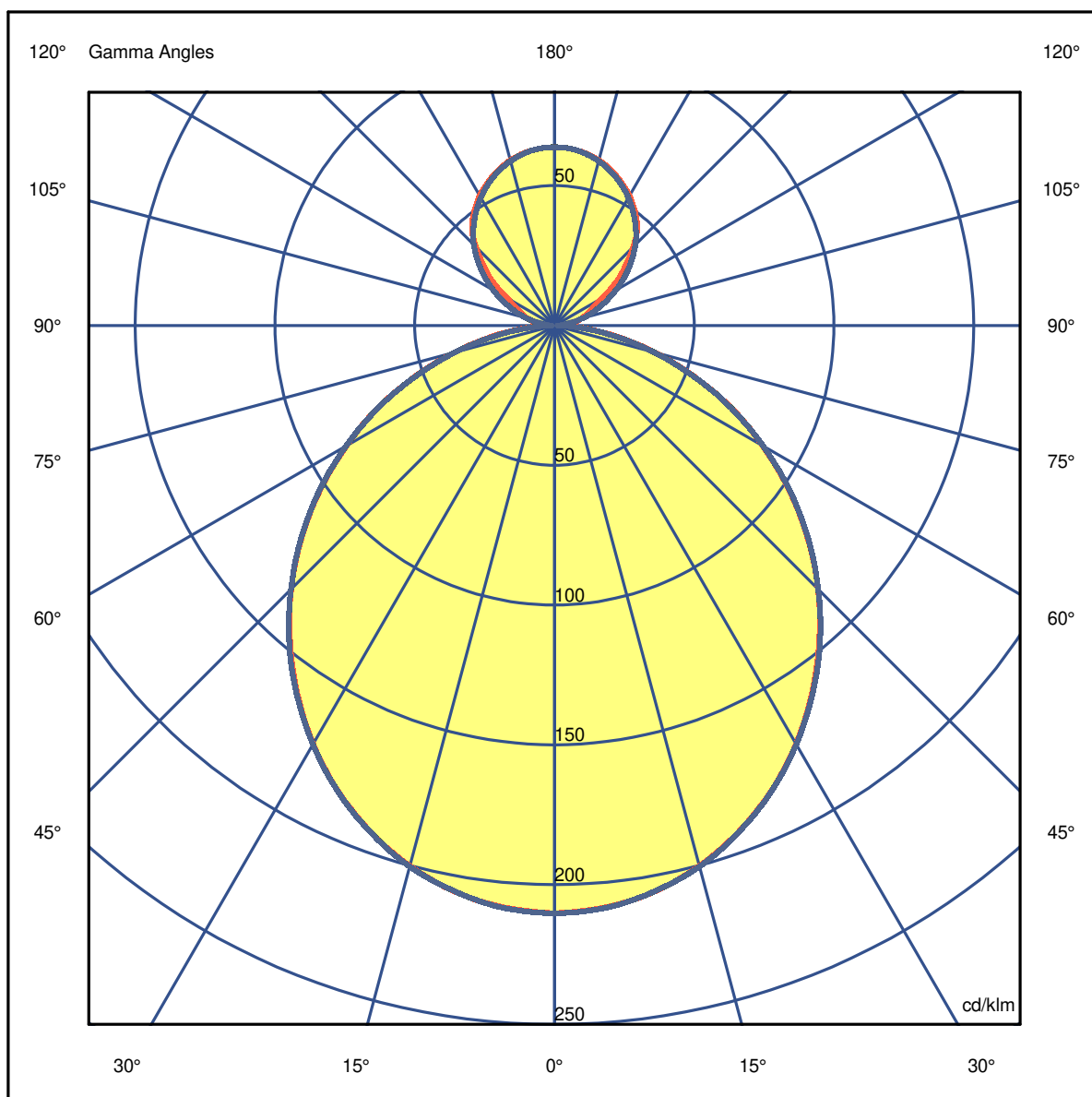
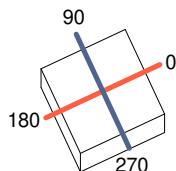
Luminaire Flux	5740 lm	Luminaire Power	46.1 W	Efficacy	124.428 lm/W	Efficiency	74.66%
Source Flux	7688 lm	Maximum value	210.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

550mm x 550mm

C Halfplanes

180.0 ————— 0.0

270.0 ————— 90.0



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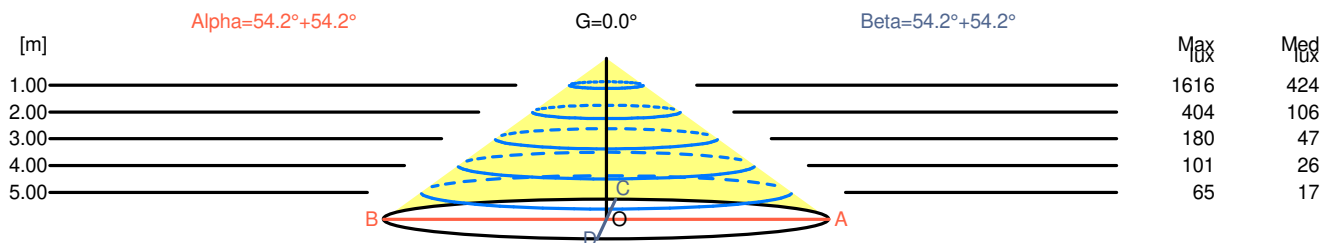
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Source Flux	7688 lm	Maximum value	210.20 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.38	2.77	4.15	5.54	6.92	OC	1.39	2.78	4.16	5.55	6.94
OB	1.38	2.77	4.15	5.54	6.92	OD	1.39	2.78	4.16	5.55	6.94

	0	5	15	25	35	45	55	65	75	85
OA	1616.02	1606.02	1538.37	1411.52	1233.92	1024.81	787.25	536.62	284.46	78.42
OB	1616.02	1606.02	1538.37	1411.52	1233.92	1024.81	787.25	536.62	284.46	78.42
OC	1616.02	1607.56	1539.91	1412.29	1237.00	1025.58	788.79	535.08	280.61	69.19
OD	1616.02	1607.56	1539.91	1412.29	1237.00	1025.58	788.79	535.08	280.61	69.19



H[m]	D[m]	Max lux	Med lux	Alpha=54.2°+54.2°	G=0.0
1.00	2.77	1616	424		
2.00	5.54	404	106		
3.00	8.31	180	47		
4.00	11.08	101	26		
5.00	13.85	65	17		

H[m]	D[m]	Max lux	Med lux	Beta=54.2°+54.2°	G=0.0
1.00	2.78	1616	424		
2.00	5.55	404	106		
3.00	8.33	180	47		
4.00	11.10	101	26		
5.00	13.88	65	17		

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Luminaire Flux	5740 lm	Luminaire Power	46.1 W	Efficacy	124.428 lm/W	Efficiency	74.66%
Source Flux	7688 lm	Maximum value	210.20 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	15.8	16.9	16.4	17.4	18.1	15.8	16.9	16.4	17.4	18.1
x=2H y=3H	17.1	18.1	17.8	18.7	19.4	17.1	18.1	17.8	18.7	19.4
x=2H y=4H	17.6	18.5	18.3	19.1	19.9	17.6	18.5	18.2	19.1	19.8
x=2H y=6H	17.9	18.7	18.6	19.3	20.1	17.9	18.7	18.5	19.3	20.1
x=2H y=8H	18.0	18.7	18.6	19.4	20.2	17.9	18.7	18.6	19.4	20.1
x=2H y=12H	18.0	18.7	18.7	19.4	20.2	17.9	18.7	18.6	19.3	20.1
x=4H y=2H	16.3	17.2	17.0	17.8	18.6	16.3	17.2	17.0	17.8	18.6
x=4H y=3H	17.8	18.5	18.4	19.2	19.9	17.8	18.5	18.4	19.2	19.9
x=4H y=4H	18.3	19.0	19.1	19.7	20.5	18.3	19.0	19.0	19.7	20.5
x=4H y=6H	18.7	19.3	19.5	20.0	20.9	18.7	19.3	19.4	20.0	20.8
x=4H y=8H	18.8	19.4	19.6	20.1	20.9	18.8	19.3	19.5	20.0	20.9
x=4H y=12H	18.9	19.3	19.7	20.1	21.0	18.8	19.3	19.6	20.0	20.9
x=8H y=4H	18.5	19.0	19.2	19.7	20.6	18.5	19.0	19.2	19.7	20.6
x=8H y=6H	19.0	19.4	19.7	20.1	21.1	18.9	19.3	19.7	20.1	21.0
x=8H y=8H	19.1	19.5	19.9	20.3	21.2	19.1	19.4	19.9	20.2	21.1
x=8H y=12H	19.2	19.5	20.0	20.3	21.3	19.1	19.5	20.0	20.3	21.2
x=12H y=4H	18.5	18.9	19.2	19.7	20.6	18.5	18.9	19.2	19.7	20.5
x=12H y=6H	19.0	19.3	19.8	20.1	21.0	18.9	19.3	19.7	20.1	21.0
x=12H y=8H	19.2	19.5	20.0	20.3	21.2	19.1	19.4	19.9	20.2	21.1

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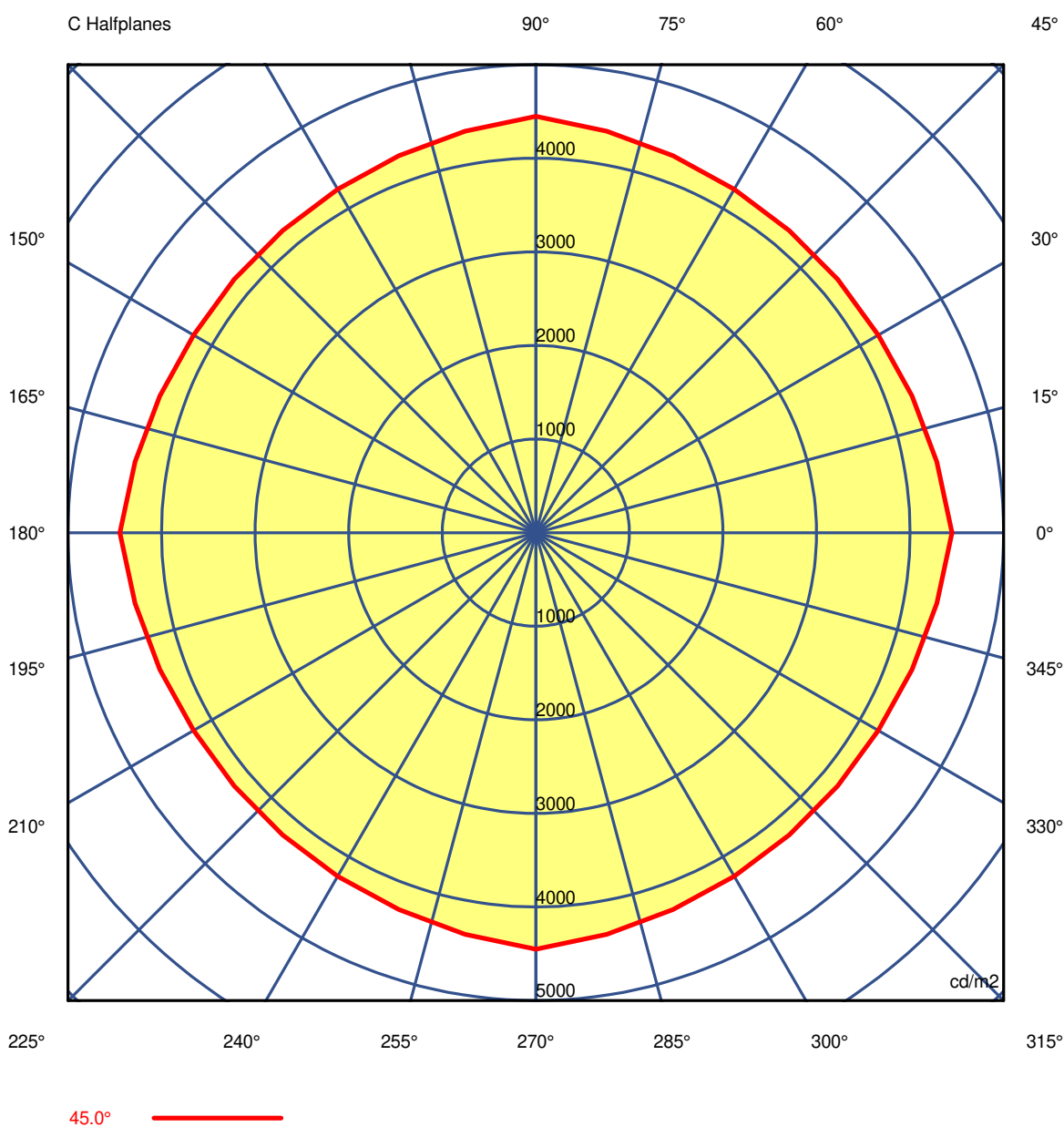
Measurem.

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Name ROFY 60 SQ D/I L0550W550 LIGHT+ 830 LO

Luminaire Flux	5740 lm	Luminaire Power	46.1 W	Efficacy	124.428 lm/W	Efficiency	74.66%
Source Flux	7688 lm	Maximum value	210.20 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Luminaire Flux	5740 lm	Luminaire Power	46.1 W	Efficacy	124.428 lm/W	Efficiency	74.66%						
Source Flux	7688 lm	Maximum value	210.20 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	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753
G 5.0	5660	5649	5643	5639	5632	5631	5637	5642	5650	5665	5650	5642	5637
G 10.0	5557	5533	5517	5509	5497	5497	5509	5516	5530	5554	5530	5516	5509
G 15.0	5436	5404	5381	5363	5348	5347	5361	5376	5401	5442	5401	5376	5361
G 20.0	5303	5261	5228	5203	5189	5189	5201	5225	5260	5306	5260	5225	5201
G 25.0	5159	5097	5056	5033	5017	5017	5036	5064	5105	5161	5105	5064	5036
G 30.0	4998	4932	4884	4853	4834	4835	4853	4883	4932	5004	4932	4883	4853
G 35.0	4821	4750	4693	4652	4632	4636	4661	4698	4754	4833	4754	4698	4661
G 40.0	4639	4555	4492	4449	4429	4431	4455	4500	4566	4654	4566	4500	4455
G 45.0	4446	4351	4277	4226	4211	4215	4239	4286	4357	4450	4357	4286	4239
G 50.0	4225	4115	4036	3987	3964	3966	3994	4046	4125	4232	4125	4046	3994
G 55.0	3976	3857	3776	3725	3693	3692	3725	3781	3866	3983	3866	3781	3725
G 60.0	3684	3563	3479	3424	3390	3388	3421	3477	3566	3688	3566	3477	3421
G 65.0	3364	3225	3129	3071	3041	3040	3067	3121	3215	3354	3215	3121	3067
G 70.0	2938	2806	2710	2648	2617	2621	2658	2708	2796	2927	2796	2708	2658
G 75.0	2448	2311	2214	2153	2123	2123	2153	2198	2283	2415	2283	2198	2153
G 80.0	1874	1742	1651	1581	1525	1513	1539	1594	1679	1799	1679	1594	1539
G 85.0	1131	1019	943	887	845	822	824	855	912	998	912	855	824
G 90.0	631	538	468	412	377	346	312	281	247	205	247	281	312

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Source Flux		7688 lm		Maximum value		210.20 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	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753
G 5.0	5631	5632	5639	5643	5649	5660	5649	5643	5639	5632	5631	5637	5642	5647	5653	5659	5665	5671	5677	5683	5689	5695	5701	5707	5713
G 10.0	5497	5497	5509	5517	5533	5557	5533	5517	5509	5497	5497	5509	5516	5523	5530	5537	5544	5551	5558	5565	5572	5579	5586	5593	5600
G 15.0	5347	5348	5363	5381	5404	5436	5404	5381	5363	5348	5347	5361	5376	5391	5406	5421	5436	5451	5466	5481	5496	5511	5526	5541	5556
G 20.0	5189	5189	5203	5228	5261	5303	5261	5228	5203	5189	5189	5201	5225	5249	5273	5297	5321	5345	5369	5393	5417	5441	5465	5489	5513
G 25.0	5017	5017	5033	5056	5097	5159	5097	5056	5033	5017	5017	5036	5064	5092	5120	5148	5176	5204	5232	5260	5288	5316	5344	5372	5400
G 30.0	4835	4834	4853	4884	4932	4998	4932	4884	4853	4834	4835	4853	4883	4912	4941	4970	5000	5029	5058	5087	5116	5145	5174	5203	5232
G 35.0	4636	4632	4652	4693	4750	4821	4750	4693	4652	4636	4661	4698	4735	4772	4809	4846	4883	4920	4957	4994	5031	5068	5105	5142	5179
G 40.0	4431	4429	4449	4492	4555	4639	4555	4492	4449	4431	4455	4500	4545	4590	4635	4680	4725	4770	4815	4860	4905	4950	4995	5040	5085
G 45.0	4215	4211	4226	4277	4351	4446	4351	4277	4226	4215	4239	4286	4333	4380	4427	4474	4521	4568	4615	4662	4709	4756	4803	4850	4897
G 50.0	3966	3964	3987	4036	4115	4225	4115	4036	3987	3966	3994	4046	4098	4150	4202	4254	4306	4358	4410	4462	4514	4566	4618	4670	4722
G 55.0	3692	3693	3725	3776	3857	3976	3857	3776	3725	3693	3692	3725	3781	3837	3893	3949	4005	4061	4117	4173	4229	4285	4341	4397	4453
G 60.0	3388	3390	3424	3479	3563	3684	3563	3479	3424	3390	3388	3421	3477	3533	3589	3645	3701	3757	3813	3869	3925	3981	4037	4093	4149
G 65.0	3040	3041	3071	3129	3225	3364	3225	3129	3071	3040	3067	3121	3177	3233	3289	3345	3401	3457	3513	3569	3625	3681	3737	3793	3849
G 70.0	2621	2617	2648	2710	2806	2938	2806	2710	2648	2617	2658	2708	2758	2808	2858	2908	2958	3008	3058	3108	3158	3208	3258	3308	3358
G 75.0	2123	2123	2153	2214	2311	2448	2311	2214	2153	2123	2153	2198	2243	2288	2333	2378	2423	2468	2513	2558	2603	2648	2693	2738	2783
G 80.0	1513	1525	1581	1651	1742	1874	1742	1651	1581	1513	1539	1594	1649	1704	1759	1814	1869	1924	1979	2034	2089	2144	2199	2254	2309
G 85.0	822	845	887	943	1019	1131	1019	943	887	822	824	855	886	917	948	979	1010	1041	1072	1103	1134	1165	1196	1227	1258
G 90.0	346	377	412	468	538	631	538	468	412	346	312	281	250	219	188	157	126	95	64	33	2	0	0	0	0

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Source Flux	7688 lm	Maximum value	210.20 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	5753	5753	5753	5753	5753	5753	5753	5753	5753	5753
G 5.0	5650	5665	5650	5642	5637	5631	5632	5639	5643	5649
G 10.0	5530	5554	5530	5516	5509	5497	5497	5509	5517	5533
G 15.0	5401	5442	5401	5376	5361	5347	5348	5363	5381	5404
G 20.0	5260	5306	5260	5225	5201	5189	5189	5203	5228	5261
G 25.0	5105	5161	5105	5064	5036	5017	5017	5033	5056	5097
G 30.0	4932	5004	4932	4883	4853	4835	4834	4853	4884	4932
G 35.0	4754	4833	4754	4698	4661	4636	4632	4652	4693	4750
G 40.0	4566	4654	4566	4500	4455	4431	4429	4449	4492	4555
G 45.0	4357	4450	4357	4286	4239	4215	4211	4226	4277	4351
G 50.0	4125	4232	4125	4046	3994	3966	3964	3987	4036	4115
G 55.0	3866	3983	3866	3781	3725	3692	3693	3725	3776	3857
G 60.0	3566	3688	3566	3477	3421	3388	3390	3424	3479	3563
G 65.0	3215	3354	3215	3121	3067	3040	3041	3071	3129	3225
G 70.0	2796	2927	2796	2708	2658	2621	2617	2648	2710	2806
G 75.0	2283	2415	2283	2198	2153	2123	2123	2153	2214	2311
G 80.0	1679	1799	1679	1594	1539	1513	1525	1581	1651	1742
G 85.0	912	998	912	855	824	822	845	887	943	1019
G 90.0	247	205	247	281	312	346	377	412	468	538