

Luminaire

Code 90624L600

Name ROFY 85 D/I D0600 GCONTROL+ 830 HO

Measurem.

Code 26/7/2023

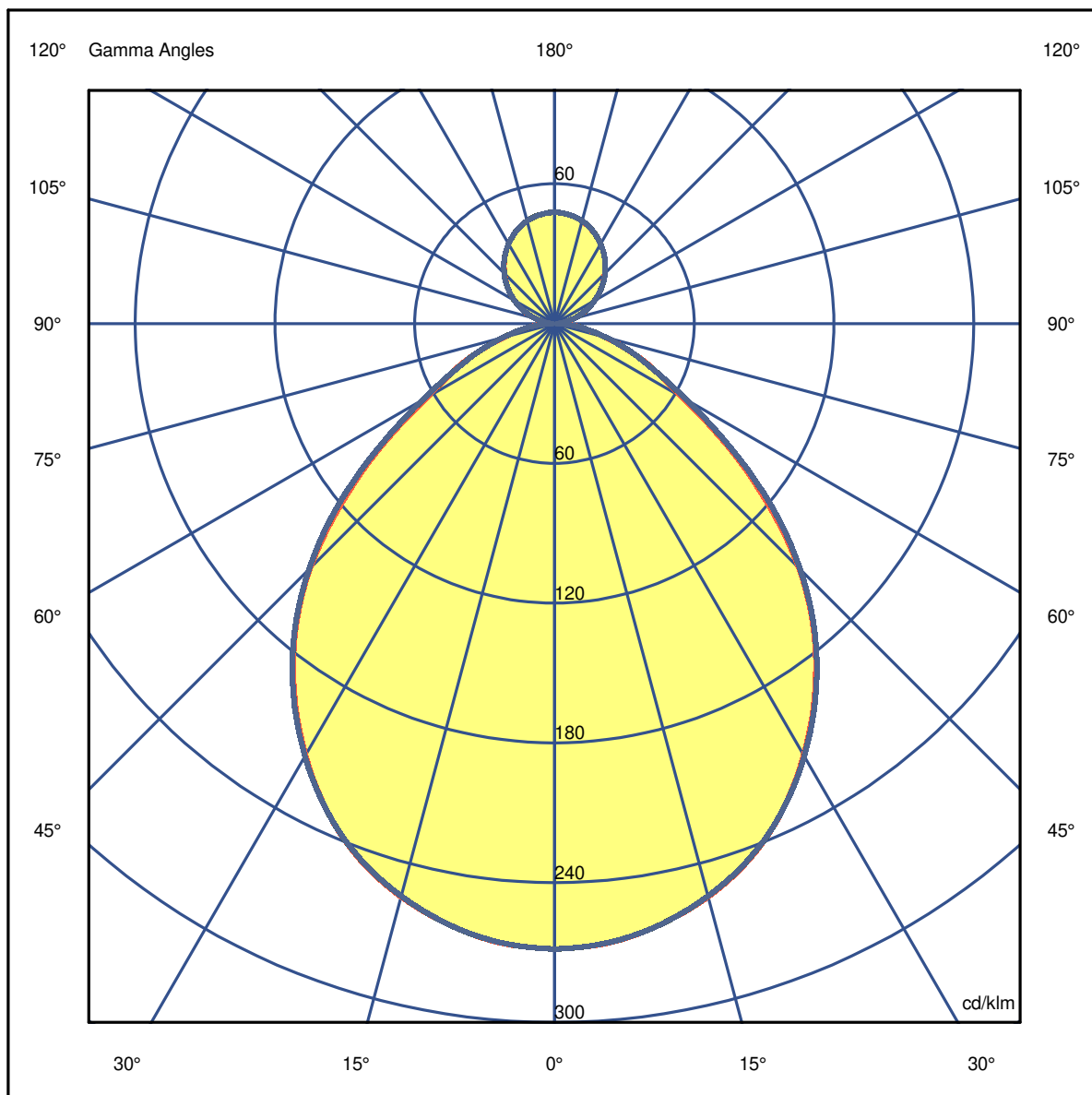
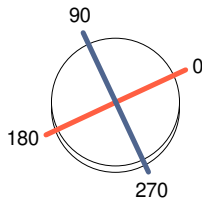
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Luminaire Flux	7133 lm	Luminaire Power	56.3 W	Efficacy	126.723 lm/W	Efficiency	71.65%
Source Flux	9956 lm	Maximum value	268.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=600mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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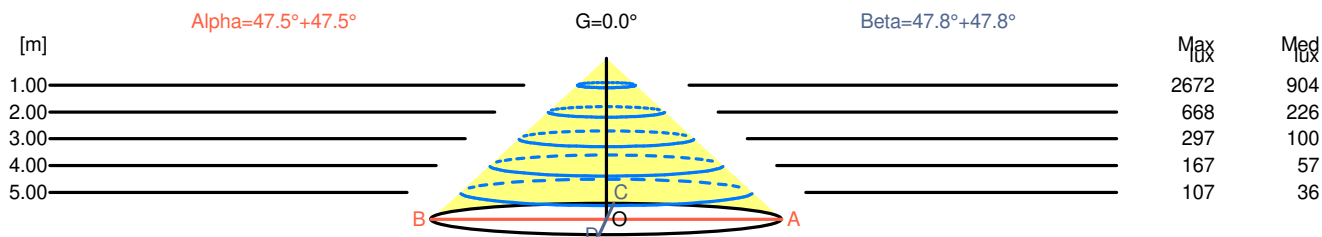
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Width at 50.00 % of Max Intensity

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	1.09	2.18	3.27	4.36	5.45	OC	1.10	2.20	3.30	4.40	5.51
OB	1.09	2.18	3.27	4.36	5.45	OD	1.10	2.20	3.30	4.40	5.51

	0	5	15	25	35	45	55	65	75	85
OA	2672.19	2656.26	2535.79	2299.84	1938.43	1477.47	892.06	473.91	225.01	72.68
OB	2672.19	2656.26	2535.79	2299.84	1938.43	1477.47	892.06	473.91	225.01	72.68
OC	2672.19	2655.27	2532.81	2299.84	1945.40	1484.44	910.97	470.92	227.99	70.69
OD	2672.19	2655.27	2532.81	2299.84	1945.40	1484.44	910.97	470.92	227.99	70.69



H[m]	D[m]	Max lux	Med lux	Alpha=47.5°+47.5°	G=0.0	
1.00	2.18	2672	904			
2.00	4.36	668	226			
3.00	6.54	297	100			
4.00	8.72	167	57			
5.00	10.90	107	36			

H[m]	D[m]	Max lux	Med lux	Beta=47.8°+47.8°	G=0.0	
1.00	2.20	2672	904			
2.00	4.40	668	226			
3.00	6.61	297	100			
4.00	8.81	167	57			
5.00	11.01	107	36			

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Source Flux	9956 lm	Maximum value	268.40 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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	16.3	17.3	16.9	17.8	18.4	16.0	17.0	16.5	17.5	18.1
x=2H y=3H	17.0	17.9	17.6	18.4	19.1	16.5	17.4	17.1	17.9	18.6
x=2H y=4H	17.2	18.1	17.8	18.6	19.3	16.7	17.5	17.3	18.1	18.8
x=2H y=6H	17.4	18.1	18.0	18.7	19.4	16.9	17.6	17.5	18.2	18.9
x=2H y=8H	17.4	18.2	18.1	18.7	19.4	16.9	17.6	17.6	18.2	18.9
x=2H y=12H	17.4	18.1	18.1	18.7	19.4	17.0	17.6	17.6	18.3	18.9
x=4H y=2H	16.4	17.2	17.0	17.8	18.4	16.1	16.9	16.7	17.5	18.2
x=4H y=3H	17.2	17.9	17.8	18.5	19.2	16.8	17.5	17.4	18.1	18.8
x=4H y=4H	17.5	18.1	18.2	18.7	19.5	17.1	17.7	17.7	18.3	19.0
x=4H y=6H	17.8	18.3	18.4	18.9	19.7	17.3	17.8	18.0	18.5	19.2
x=4H y=8H	17.9	18.3	18.5	19.0	19.8	17.4	17.9	18.1	18.6	19.3
x=4H y=12H	17.9	18.3	18.6	19.0	19.8	17.5	17.9	18.2	18.6	19.4
x=8H y=4H	17.5	18.0	18.2	18.7	19.4	17.1	17.6	17.8	18.3	19.1
x=8H y=6H	17.9	18.3	18.6	18.9	19.8	17.5	17.8	18.2	18.5	19.4
x=8H y=8H	18.0	18.3	18.7	19.1	19.9	17.6	17.9	18.3	18.7	19.5
x=8H y=12H	18.1	18.4	18.8	19.1	20.0	17.7	18.0	18.5	18.8	19.6
x=12H y=4H	17.5	17.9	18.2	18.6	19.4	17.1	17.5	17.8	18.2	19.0
x=12H y=6H	17.9	18.2	18.6	18.9	19.8	17.5	17.8	18.2	18.5	19.4
x=12H y=8H	18.0	18.3	18.8	19.1	19.9	17.6	17.9	18.4	18.7	19.5

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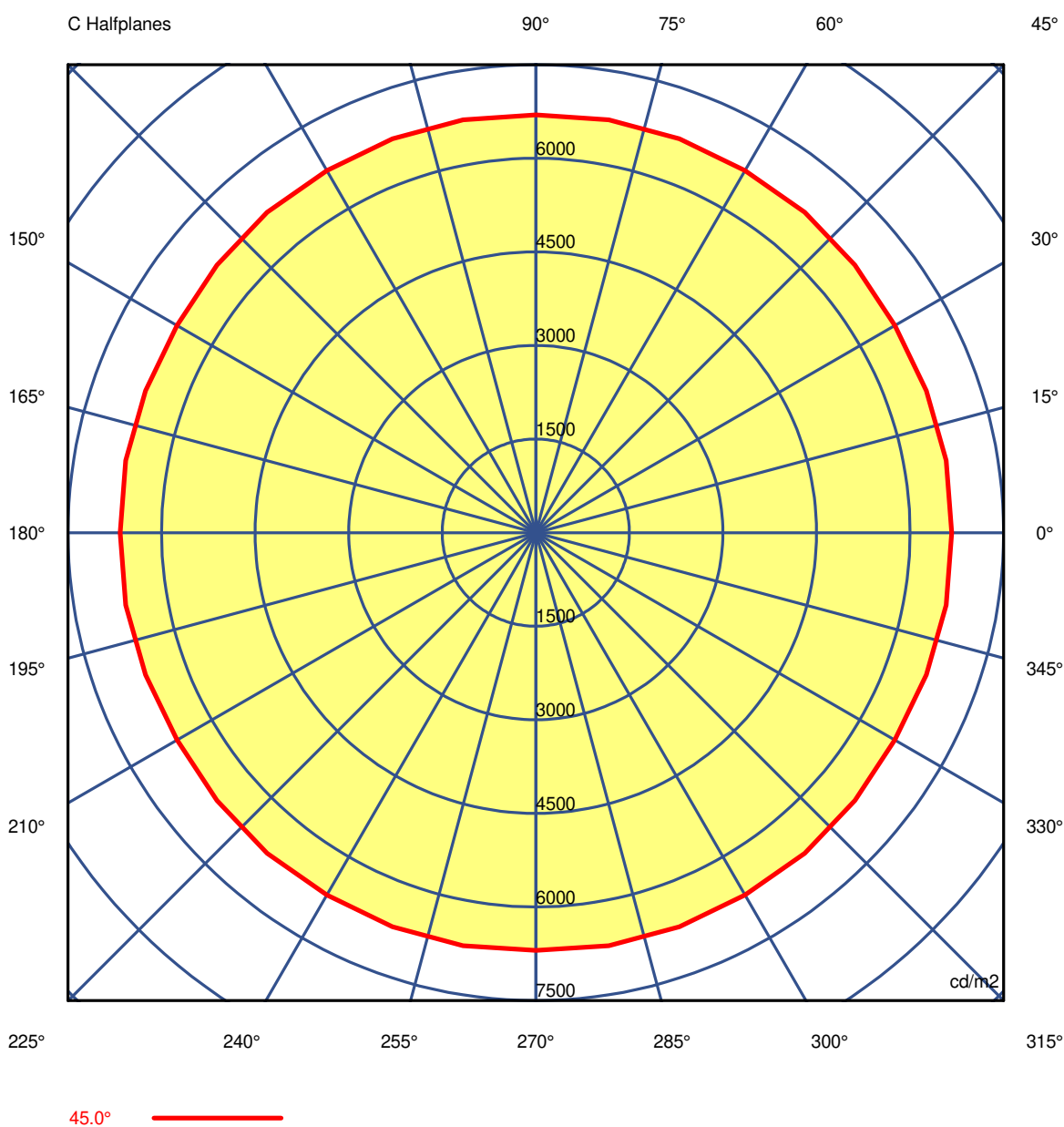
Measurem.

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Luminaire Flux	7133 lm	Luminaire Power	56.3 W	Efficacy	126.723 lm/W	Efficiency	71.65%
Source Flux	9956 lm	Maximum value	268.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Measur.

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Luminaire Flux		7133 lm		Luminaire Power		56.3 W		Efficacy		126.723 lm/W		Efficiency		71.65%	
Source Flux		9956 lm		Maximum value		268.40 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	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114
G 5.0	9930	9927	9926	9926	9926	9926	9926	9926	9926	9926	9926	9926	9926	9926	9926
G 10.0	9702	9705	9706	9706	9703	9702	9702	9702	9702	9702	9702	9702	9702	9702	9702
G 15.0	9463	9461	9457	9452	9447	9443	9441	9443	9447	9452	9447	9443	9441	9441	9441
G 20.0	9189	9194	9186	9166	9146	9136	9136	9142	9156	9177	9156	9142	9136	9136	9136
G 25.0	8836	8845	8836	8817	8807	8804	8805	8809	8819	8836	8819	8809	8805	8805	8805
G 30.0	8402	8412	8412	8410	8427	8445	8445	8429	8422	8422	8422	8429	8445	8445	8445
G 35.0	7922	7928	7931	7946	7987	8020	8019	7987	7960	7950	7960	7987	8019	8019	8019
G 40.0	7371	7371	7376	7401	7443	7468	7464	7453	7430	7396	7430	7453	7464	7464	7464
G 45.0	6665	6677	6661	6642	6677	6704	6705	6719	6719	6696	6719	6719	6705	6705	6705
G 50.0	5702	5702	5695	5611	5389	5167	5136	5395	5666	5822	5666	5395	5136	5136	5136
G 55.0	4648	4589	4522	4446	3926	3421	3403	4010	4551	4746	4551	4010	3403	3403	3403
G 60.0	3611	3577	3469	3235	2912	2790	2893	3007	3275	3725	3275	3007	2893	2893	2893
G 65.0	3031	2985	2806	2433	2262	2337	2420	2273	2423	3012	2423	2273	2420	2420	2420
G 70.0	2506	2452	2257	1923	1971	2026	1981	1886	2046	2498	2046	1886	1981	1981	1981
G 75.0	1940	1893	1674	1459	1583	1684	1596	1524	1649	1965	1649	1524	1596	1596	1596
G 80.0	1508	1544	1482	1381	1402	1416	1381	1335	1375	1508	1375	1335	1381	1381	1381
G 85.0	1007	953	979	1063	1096	1032	966	1042	1071	980	1071	1042	966	966	966
G 90.0	565	581	585	545	436	350	303	231	202	202	202	231	303	303	303

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Source Flux		9956 lm		Maximum value		268.40 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	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114
G 5.0	9926	9926	9926	9926	9927	9930	9927	9926	9926	9926	9926	9926	9926	9926	9926	9926	9926	9926	9926	9926	9926	9926	9926	9926	9926
G 10.0	9702	9703	9706	9706	9705	9702	9705	9706	9706	9703	9702	9702	9702	9702	9702	9702	9702	9702	9702	9702	9702	9702	9702	9702	9702
G 15.0	9443	9447	9452	9457	9461	9463	9461	9457	9452	9447	9443	9441	9443	9441	9443	9441	9443	9441	9443	9441	9443	9441	9443	9441	9443
G 20.0	9136	9146	9166	9186	9194	9189	9194	9186	9166	9146	9136	9136	9142	9136	9146	9136	9146	9136	9146	9136	9146	9136	9146	9136	9142
G 25.0	8804	8807	8817	8836	8845	8836	8845	8836	8817	8807	8804	8805	8809	8805	8807	8804	8805	8807	8804	8805	8807	8804	8805	8809	8805
G 30.0	8445	8427	8410	8412	8412	8402	8412	8410	8427	8445	8445	8445	8429	8445	8445	8445	8445	8445	8445	8445	8445	8445	8445	8445	8429
G 35.0	8020	7987	7946	7931	7928	7922	7928	7931	7946	7987	8020	8019	7987	8020	8019	7987	8020	8019	7987	8020	8019	7987	8020	8019	7987
G 40.0	7468	7443	7401	7376	7371	7371	7371	7376	7401	7443	7468	7464	7453	7468	7464	7453	7468	7464	7453	7468	7464	7453	7468	7464	7453
G 45.0	6704	6677	6642	6661	6677	6665	6677	6661	6642	6677	6704	6705	6719	6704	6705	6719	6704	6705	6719	6704	6705	6719	6704	6705	6719
G 50.0	5167	5389	5611	5695	5702	5702	5702	5695	5611	5389	5167	5136	5395	5167	5136	5395	5167	5136	5395	5167	5136	5395	5167	5136	5395
G 55.0	3421	3926	4446	4522	4589	4648	4589	4522	4446	3926	3421	3403	4010	3421	3403	4010	3421	3403	4010	3421	3403	4010	3421	3403	4010
G 60.0	2790	2912	3235	3469	3577	3611	3577	3469	3235	2912	2790	2893	3007	2790	2893	3007	2790	2893	3007	2790	2893	3007	2790	2893	3007
G 65.0	2337	2262	2433	2806	2985	3031	2985	2806	2433	2262	2337	2420	2273	2337	2420	2273	2337	2420	2273	2337	2420	2273	2337	2420	2273
G 70.0	2026	1971	1923	2257	2452	2506	2452	2257	1923	1971	2026	1981	1886	1971	2026	1981	1971	2026	1981	1971	2026	1981	1971	2026	1981
G 75.0	1684	1583	1459	1674	1893	1940	1893	1674	1459	1583	1684	1596	1524	1583	1684	1596	1583	1684	1596	1583	1684	1596	1583	1684	1596
G 80.0	1416	1402	1381	1482	1544	1508	1544	1482	1381	1402	1416	1381	1335	1402	1416	1381	1402	1416	1381	1402	1416	1381	1402	1416	1335
G 85.0	1032	1096	1063	979	953	1007	953	979	1063	1096	1032	966	1042	1032	966	1042	1032	966	1042	1032	966	1042	1032	966	1042
G 90.0	350	436	545	585	581	565	581	585	545	436	350	303	231	350	303	231	350	303	231	350	303	231	350	303	231

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Source Flux	9956 lm	Maximum value	268.40 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	10114	10114	10114	10114	10114	10114	10114	10114	10114	10114
G 5.0	9926	9926	9926	9926	9926	9926	9926	9926	9926	9927
G 10.0	9702	9702	9702	9702	9702	9702	9703	9706	9706	9705
G 15.0	9447	9452	9447	9443	9441	9443	9447	9452	9457	9461
G 20.0	9156	9177	9156	9142	9136	9136	9146	9166	9186	9194
G 25.0	8819	8836	8819	8809	8805	8804	8807	8817	8836	8845
G 30.0	8422	8422	8422	8429	8445	8445	8427	8410	8412	8412
G 35.0	7960	7950	7960	7987	8019	8020	7987	7946	7931	7928
G 40.0	7430	7396	7430	7453	7464	7468	7443	7401	7376	7371
G 45.0	6719	6696	6719	6719	6705	6704	6677	6642	6661	6677
G 50.0	5666	5822	5666	5395	5136	5167	5389	5611	5695	5702
G 55.0	4551	4746	4551	4010	3403	3421	3926	4446	4522	4589
G 60.0	3275	3725	3275	3007	2893	2790	2912	3235	3469	3577
G 65.0	2423	3012	2423	2273	2420	2337	2262	2433	2806	2985
G 70.0	2046	2498	2046	1886	1981	2026	1971	1923	2257	2452
G 75.0	1649	1965	1649	1524	1596	1684	1583	1459	1674	1893
G 80.0	1375	1508	1375	1335	1381	1416	1402	1381	1482	1544
G 85.0	1071	980	1071	1042	966	1032	1096	1063	979	953
G 90.0	202	202	202	231	303	350	436	545	585	581