

Luminaire

Code 90587L115
Name ROFY 60 D/I D1150 GCONTROL+ K3 830 HO

Measurem.

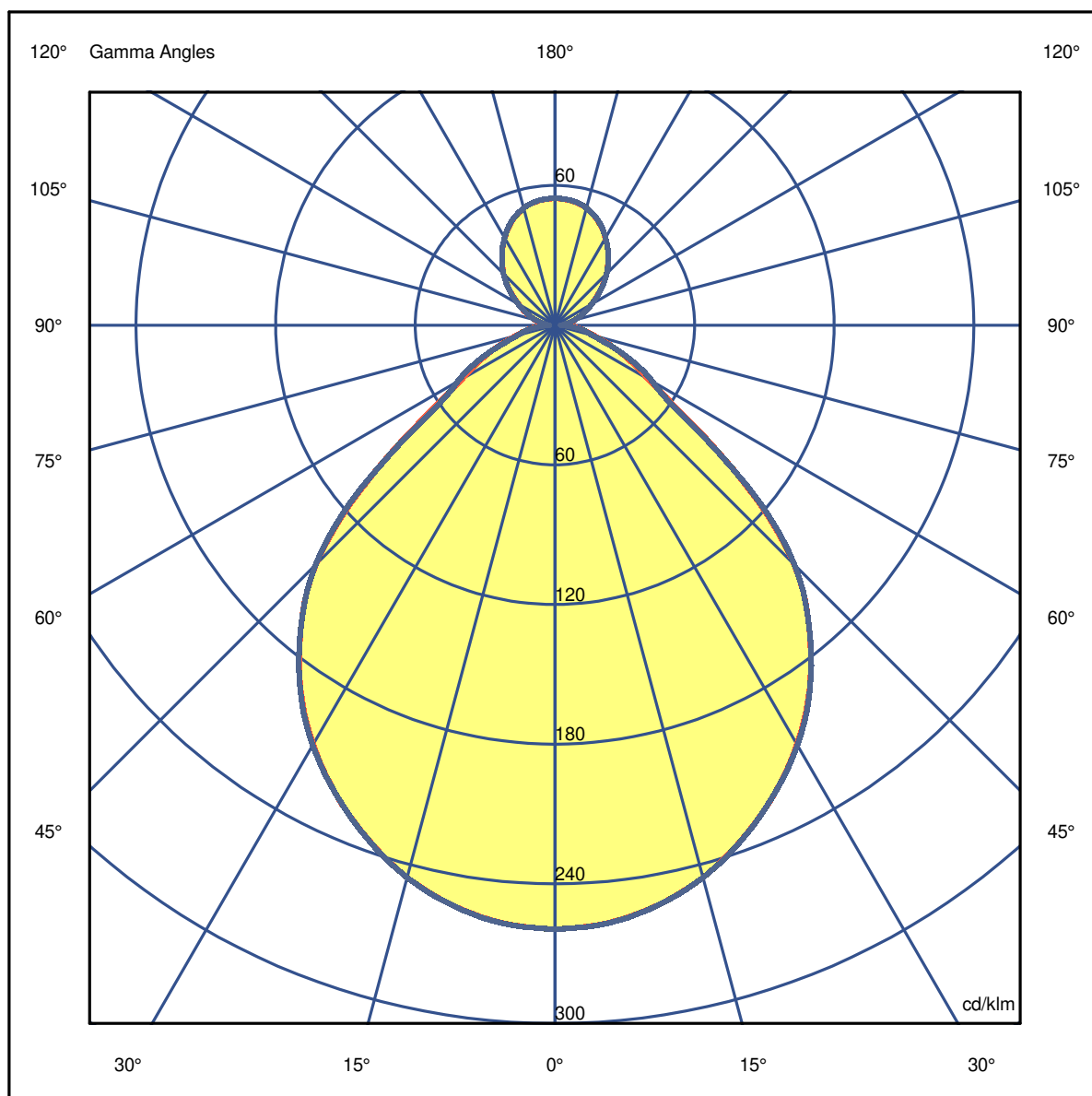
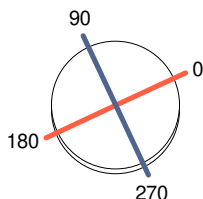
Code 26/7/2023
Name ROFY 60 D/I D1150 GCONTROL+ K3 830 HO

Luminaire Flux	17171 lm	Luminaire Power	136.9 W	Efficacy	125.425 lm/W	Efficiency	70.45%
Source Flux	24372 lm	Maximum value	259.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1150mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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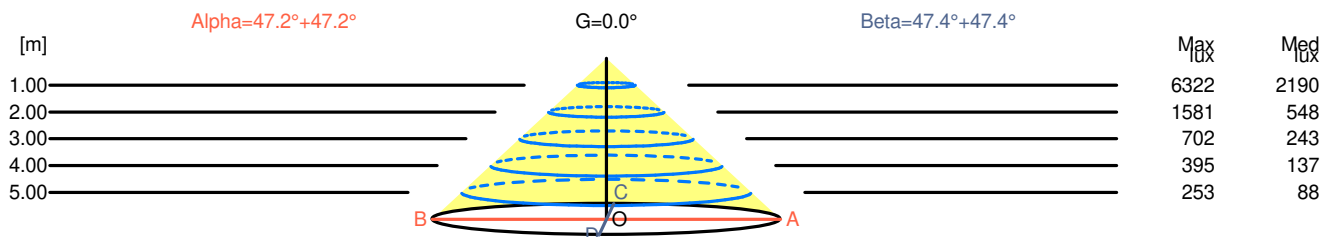
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Luminaire Flux	17171 lm	Luminaire Power	136.9 W	Efficacy	125.425 lm/W	Efficiency	70.45%
Source Flux	24372 lm	Maximum value	259.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.08	2.16	3.25	4.33	5.41	OC	1.09	2.17	3.26	4.35	5.44
OB	1.08	2.16	3.25	4.33	5.41	OD	1.09	2.17	3.26	4.35	5.44

	0	5	15	25	35	45	55	65	75	85
OA	6322.10	6283.10	5985.76	5422.77	4645.30	3541.25	1645.11	860.33	424.07	197.41
OB	6322.10	6283.10	5985.76	5422.77	4645.30	3541.25	1645.11	860.33	424.07	197.41
OC	6322.10	6285.54	5985.76	5422.77	4655.05	3546.13	1586.62	904.20	404.58	163.29
OD	6322.10	6285.54	5985.76	5422.77	4655.05	3546.13	1586.62	904.20	404.58	163.29



H[m]	D[m]	Max lux	Med lux	Alpha=47.2°+47.2°	G=0.0	
1.00	2.16	6322	2190			
2.00	4.33	1581	548			
3.00	6.49	702	243			
4.00	8.65	395	137			
5.00	10.82	253	88			

H[m]	D[m]	Max lux	Med lux	Beta=47.4°+47.4°	G=0.0	
1.00	2.17	6322	2190			
2.00	4.35	1581	548			
3.00	6.52	702	243			
4.00	8.70	395	137			
5.00	10.87	253	88			

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Luminaire Flux	17171 lm	Luminaire Power	136.9 W	Efficacy	125.425 lm/W	Efficiency	70.45%
Source Flux	24372 lm	Maximum value	259.40 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	Lateral View					Viewed Endwise				
x=2H y=2H	14.5	15.5	15.0	16.0	16.6	14.8	15.8	15.3	16.3	16.9
x=2H y=3H	15.0	15.8	15.6	16.4	17.0	15.2	16.1	15.8	16.6	17.3
x=2H y=4H	15.2	15.9	15.8	16.5	17.2	15.3	16.1	15.9	16.7	17.4
x=2H y=6H	15.3	16.0	15.9	16.7	17.3	15.5	16.2	16.1	16.8	17.5
x=2H y=8H	15.4	16.1	16.0	16.7	17.4	15.5	16.2	16.2	16.9	17.6
x=2H y=12H	15.4	16.1	16.1	16.8	17.5	15.6	16.3	16.2	16.9	17.6
x=4H y=2H	14.8	15.6	15.4	16.2	16.8	15.1	15.9	15.7	16.5	17.1
x=4H y=3H	15.4	16.1	16.0	16.7	17.4	15.7	16.4	16.4	17.0	17.7
x=4H y=4H	15.6	16.2	16.3	16.9	17.6	16.0	16.6	16.6	17.2	18.0
x=4H y=6H	15.9	16.4	16.6	17.1	17.9	16.2	16.7	16.9	17.4	18.2
x=4H y=8H	16.0	16.5	16.8	17.2	18.0	16.3	16.8	17.0	17.5	18.3
x=4H y=12H	16.2	16.6	16.9	17.3	18.1	16.4	16.8	17.1	17.5	18.3
x=8H y=4H	15.7	16.2	16.5	16.9	17.7	16.0	16.5	16.8	17.2	18.0
x=8H y=6H	16.1	16.5	16.9	17.2	18.1	16.4	16.8	17.1	17.5	18.3
x=8H y=8H	16.4	16.7	17.1	17.4	18.3	16.6	16.9	17.3	17.6	18.5
x=8H y=12H	16.5	16.8	17.3	17.6	18.5	16.7	17.0	17.5	17.7	18.6
x=12H y=4H	15.7	16.2	16.5	16.9	17.7	16.0	16.4	16.7	17.1	18.0
x=12H y=6H	16.2	16.5	16.9	17.2	18.1	16.4	16.7	17.2	17.5	18.3
x=12H y=8H	16.4	16.7	17.2	17.5	18.3	16.6	16.9	17.4	17.7	18.5

Luminaire

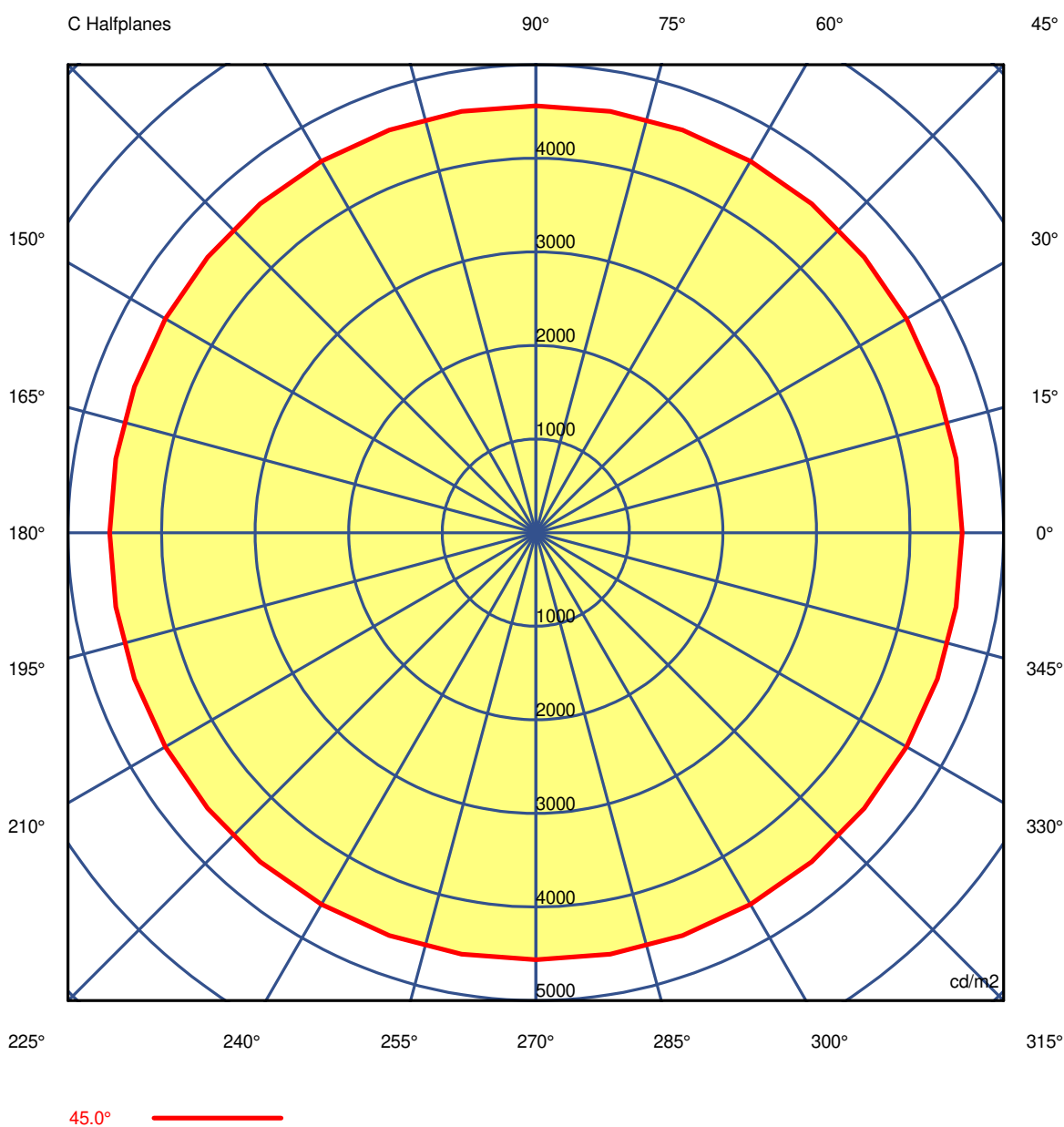
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Luminaire Flux	17171 lm	Luminaire Power	136.9 W	Efficacy	125.425 lm/W	Efficiency	70.45%
Source Flux	24372 lm	Maximum value	259.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

Code 90587L115

Name ROFY 60 D/I D1150 GCONTROL+ K3 830 HO

Measurement

Code 26/7/2023

Name ROFY 60 D/I D1150 GCONTROL+ K3 830 HO

Luminaire Flux	17171 lm		Luminaire Power		136.9 W		Efficacy		125.425 lm/W		Efficiency		70.45%	
Source Flux	24372 lm		Maximum value		259.40 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	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304	
G 5.0	6237	6237	6237	6237	6239	6239	6237	6236	6237	6239	6237	6236	6237	
G 10.0	6140	6142	6142	6142	6144	6144	6142	6144	6144	6142	6144	6144	6142	
G 15.0	6025	6025	6026	6029	6031	6032	6032	6031	6028	6025	6028	6031	6032	
G 20.0	5873	5876	5881	5890	5903	5910	5908	5899	5887	5875	5887	5899	5908	
G 25.0	5711	5713	5716	5721	5730	5737	5737	5727	5717	5711	5717	5727	5737	
G 30.0	5528	5539	5533	5518	5518	5518	5518	5519	5525	5539	5525	5519	5518	
G 35.0	5299	5307	5297	5274	5261	5255	5255	5267	5288	5310	5288	5267	5255	
G 40.0	4989	4997	4994	4980	4966	4955	4957	4974	4988	4992	4988	4974	4957	
G 45.0	4557	4561	4566	4573	4582	4587	4585	4580	4572	4564	4572	4580	4585	
G 50.0	3645	3667	3724	3838	3915	3959	3957	3877	3774	3682	3774	3877	3957	
G 55.0	2516	2379	2603	3045	3222	3259	3258	3143	2853	2426	2853	3143	3258	
G 60.0	1930	1973	2026	2155	2420	2607	2551	2272	2060	2014	2060	2272	2551	
G 65.0	1684	1778	1733	1660	1970	2251	2175	1783	1599	1770	1599	1783	2175	
G 70.0	1429	1418	1375	1389	1667	1892	1828	1532	1404	1401	1404	1532	1828	
G 75.0	1204	1176	1109	1100	1285	1439	1397	1200	1094	1148	1094	1200	1397	
G 80.0	1134	1140	1173	1224	1254	1262	1242	1188	1141	1115	1141	1188	1242	
G 85.0	1078	1051	1056	1065	952	857	865	936	954	892	954	936	865	
G 90.0	863	845	830	812	783	734	685	667	647	609	647	667	685	

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Source Flux		24372 lm		Maximum value		259.40 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	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304
G 5.0	6239	6239	6237	6237	6237	6237	6237	6237	6237	6237	6237	6237	6237	6239	6239	6239	6239	6237	6237	6236	6236	6236	6236	6236	6236
G 10.0	6144	6144	6142	6142	6142	6142	6140	6142	6142	6142	6142	6142	6144	6144	6144	6142	6142	6142	6144	6144	6144	6144	6144	6144	6144
G 15.0	6032	6031	6029	6026	6025	6025	6025	6025	6026	6029	6031	6031	6032	6032	6031	6032	6032	6031	6031	6031	6031	6031	6031	6031	6031
G 20.0	5910	5903	5890	5881	5876	5873	5876	5881	5890	5903	5910	5908	5899	5899	5899	5899	5899	5899	5899	5899	5899	5899	5899	5899	5899
G 25.0	5737	5730	5721	5716	5713	5711	5713	5716	5721	5730	5737	5737	5727	5727	5727	5727	5727	5727	5727	5727	5727	5727	5727	5727	5727
G 30.0	5518	5518	5518	5533	5539	5528	5539	5533	5518	5518	5518	5518	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519	5519
G 35.0	5255	5261	5274	5297	5307	5299	5307	5297	5274	5261	5255	5255	5267	5267	5267	5267	5267	5267	5267	5267	5267	5267	5267	5267	5267
G 40.0	4955	4966	4980	4994	4997	4989	4997	4994	4980	4966	4955	4957	4974	4974	4974	4974	4974	4974	4974	4974	4974	4974	4974	4974	4974
G 45.0	4587	4582	4573	4566	4561	4557	4561	4566	4573	4582	4587	4585	4580	4580	4580	4580	4580	4580	4580	4580	4580	4580	4580	4580	4580
G 50.0	3959	3915	3838	3724	3667	3645	3667	3724	3838	3915	3959	3957	3877	3877	3877	3877	3877	3877	3877	3877	3877	3877	3877	3877	3877
G 55.0	3259	3222	3045	2603	2379	2516	2379	2603	3045	3222	3259	3258	3143	3143	3143	3143	3143	3143	3143	3143	3143	3143	3143	3143	3143
G 60.0	2607	2420	2155	2026	1973	1930	1973	2026	2155	2420	2607	2551	2272	2272	2272	2272	2272	2272	2272	2272	2272	2272	2272	2272	2272
G 65.0	2251	1970	1660	1733	1778	1684	1778	1733	1660	1970	2251	2175	1783	1783	1783	1783	1783	1783	1783	1783	1783	1783	1783	1783	1783
G 70.0	1892	1667	1389	1375	1418	1429	1418	1375	1389	1667	1892	1828	1532	1532	1532	1532	1532	1532	1532	1532	1532	1532	1532	1532	1532
G 75.0	1439	1285	1100	1109	1176	1204	1176	1109	1100	1285	1439	1397	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
G 80.0	1262	1254	1224	1173	1140	1134	1140	1173	1224	1254	1262	1242	1188	1188	1188	1188	1188	1188	1188	1188	1188	1188	1188	1188	1188
G 85.0	857	952	1065	1056	1051	1078	1051	1056	1065	952	857	865	936	936	936	936	936	936	936	936	936	936	936	936	936
G 90.0	734	783	812	830	845	863	845	830	812	783	734	685	667	667	667	667	667	667	667	667	667	667	667	667	667

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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	6304	6304	6304	6304	6304	6304	6304	6304	6304	6304
G 5.0	6237	6239	6237	6236	6237	6239	6239	6237	6237	6237
G 10.0	6144	6142	6144	6144	6142	6144	6144	6142	6142	6142
G 15.0	6028	6025	6028	6031	6032	6032	6031	6029	6026	6025
G 20.0	5887	5875	5887	5899	5908	5910	5903	5890	5881	5876
G 25.0	5717	5711	5717	5727	5737	5737	5730	5721	5716	5713
G 30.0	5525	5539	5525	5519	5518	5518	5518	5518	5533	5539
G 35.0	5288	5310	5288	5267	5255	5255	5261	5274	5297	5307
G 40.0	4988	4992	4988	4974	4957	4955	4966	4980	4994	4997
G 45.0	4572	4564	4572	4580	4585	4587	4582	4573	4566	4561
G 50.0	3774	3682	3774	3877	3957	3959	3915	3838	3724	3667
G 55.0	2853	2426	2853	3143	3258	3259	3222	3045	2603	2379
G 60.0	2060	2014	2060	2272	2551	2607	2420	2155	2026	1973
G 65.0	1599	1770	1599	1783	2175	2251	1970	1660	1733	1778
G 70.0	1404	1401	1404	1532	1828	1892	1667	1389	1375	1418
G 75.0	1094	1148	1094	1200	1397	1439	1285	1100	1109	1176
G 80.0	1141	1115	1141	1188	1242	1262	1254	1224	1173	1140
G 85.0	954	892	954	936	865	857	952	1065	1056	1051
G 90.0	647	609	647	667	685	734	783	812	830	845