

Luminaire

Code 90587L900

Name ROFY 60 D/I D0900 GCONTROL+ 840 HO

Measurem.

Code 26/7/2023

Name ROFY 60 D/I D0900 GCONTROL+ 840 HO

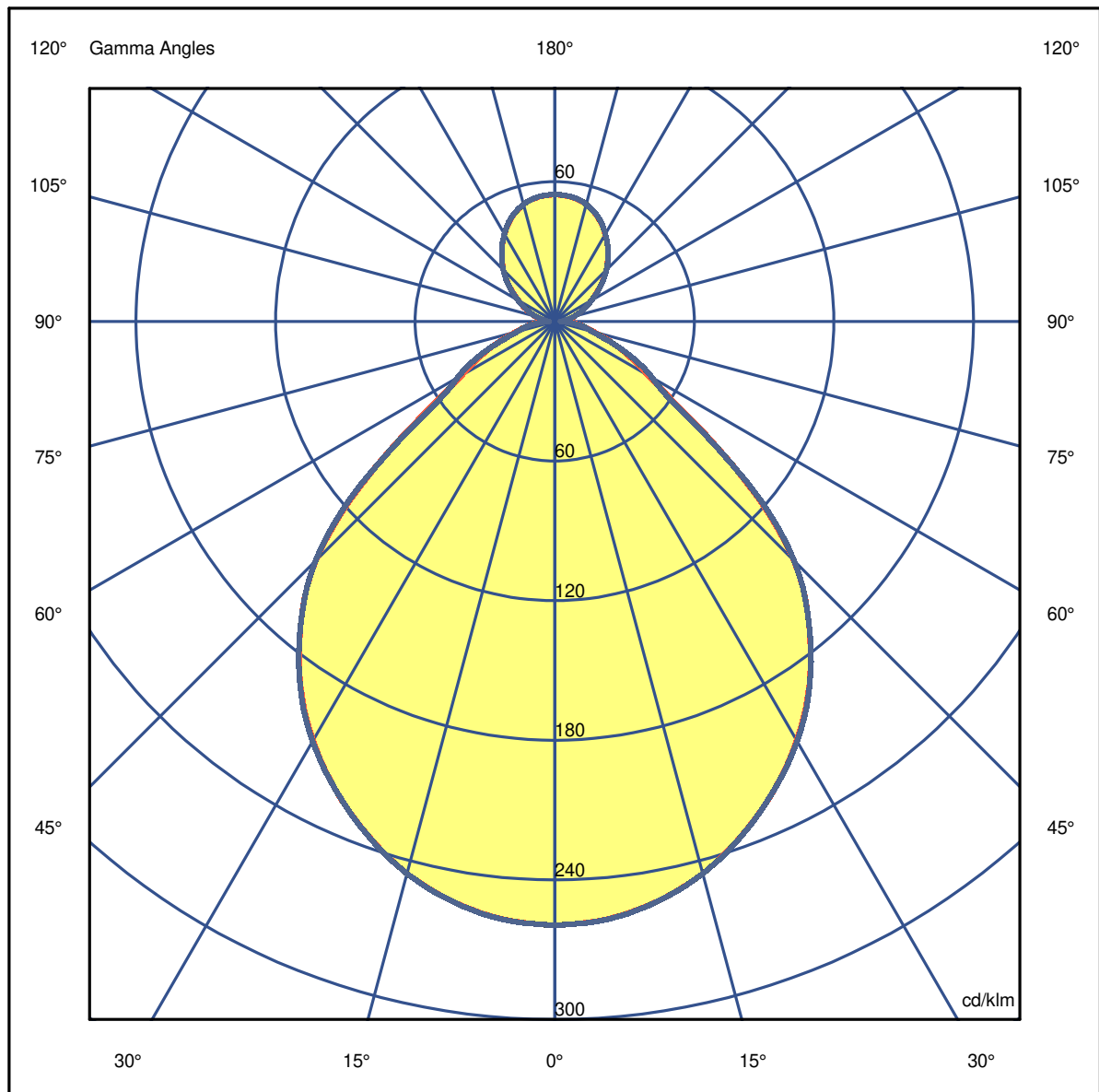
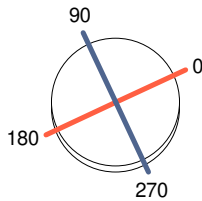
Luminaire Flux	10962 lm	Luminaire Power	83.9 W	Efficacy	130.661 lm/W	Efficiency	70.45%
Source Flux	15560 lm	Maximum value	259.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=900mm

C Halfplanes

180.0 ——— 0.0

270.0 ——— 90.0



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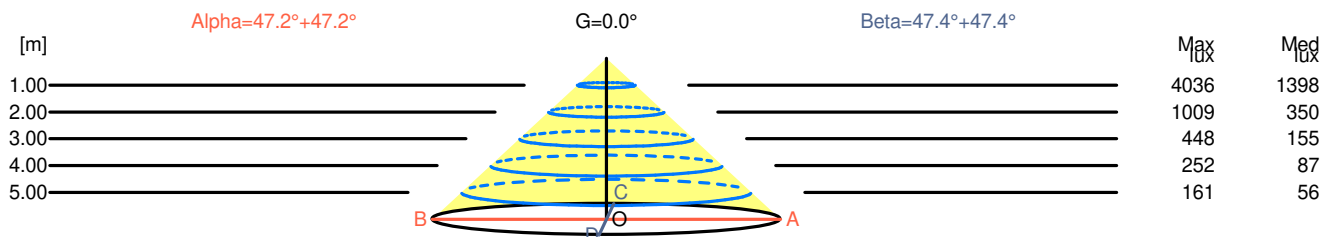
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Luminaire Flux	10962 lm	Luminaire Power	83.9 W	Efficacy	130.661 lm/W	Efficiency	70.45%
Source Flux	15560 lm	Maximum value	259.40 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	4036.26	4011.37	3821.54	3462.10	2965.74	2260.87	1050.30	549.27	270.74	126.04
OB	4036.26	4011.37	3821.54	3462.10	2965.74	2260.87	1050.30	549.27	270.74	126.04
OC	4036.26	4012.92	3821.54	3462.10	2971.96	2263.98	1012.96	577.28	258.30	104.25
OD	4036.26	4012.92	3821.54	3462.10	2971.96	2263.98	1012.96	577.28	258.30	104.25



H[m]	D[m]	Max lux	Med lux	Alpha=47.2°+47.2°	G=0.0	
1.00	2.16	4036	1398			
2.00	4.33	1009	350			
3.00	6.49	448	155			
4.00	8.65	252	87			
5.00	10.82	161	56			

H[m]	D[m]	Max lux	Med lux	Beta=47.4°+47.4°	G=0.0	
1.00	2.17	4036	1398			
2.00	4.35	1009	350			
3.00	6.52	448	155			
4.00	8.70	252	87			
5.00	10.87	161	56			

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Luminaire Flux	10962 lm	Luminaire Power	83.9 W	Efficacy	130.661 lm/W	Efficiency	70.45%
Source Flux	15560 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										
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	14.6	15.5	15.1	16.0	16.7	14.9	15.8	15.4	16.4	17.0
x=2H y=3H	15.0	15.9	15.6	16.4	17.1	15.3	16.1	15.9	16.7	17.3
x=2H y=4H	15.2	16.0	15.8	16.6	17.2	15.4	16.2	16.0	16.8	17.4
x=2H y=6H	15.4	16.1	16.0	16.7	17.4	15.5	16.3	16.1	16.9	17.6
x=2H y=8H	15.4	16.1	16.0	16.7	17.4	15.6	16.3	16.2	16.9	17.6
x=2H y=12H	15.5	16.1	16.1	16.8	17.5	15.6	16.3	16.2	16.9	17.6
x=4H y=2H	14.9	15.6	15.5	16.2	16.9	15.2	15.9	15.8	16.5	17.2
x=4H y=3H	15.4	16.1	16.1	16.8	17.5	15.8	16.5	16.4	17.1	17.8
x=4H y=4H	15.7	16.3	16.4	16.9	17.7	16.0	16.6	16.7	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	16.1	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	15.8	16.2	16.5	16.9	17.7	16.1	16.5	16.8	17.2	18.0
x=8H y=6H	16.1	16.5	16.9	17.3	18.1	16.4	16.8	17.1	17.5	18.4
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	18.4	16.7	17.0	17.4	17.7	18.6
x=12H y=4H	15.8	16.2	16.5	16.9	17.7	16.1	16.5	16.8	17.2	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	17.4	18.3	16.6	16.9	17.4	17.6	18.5

Luminaire

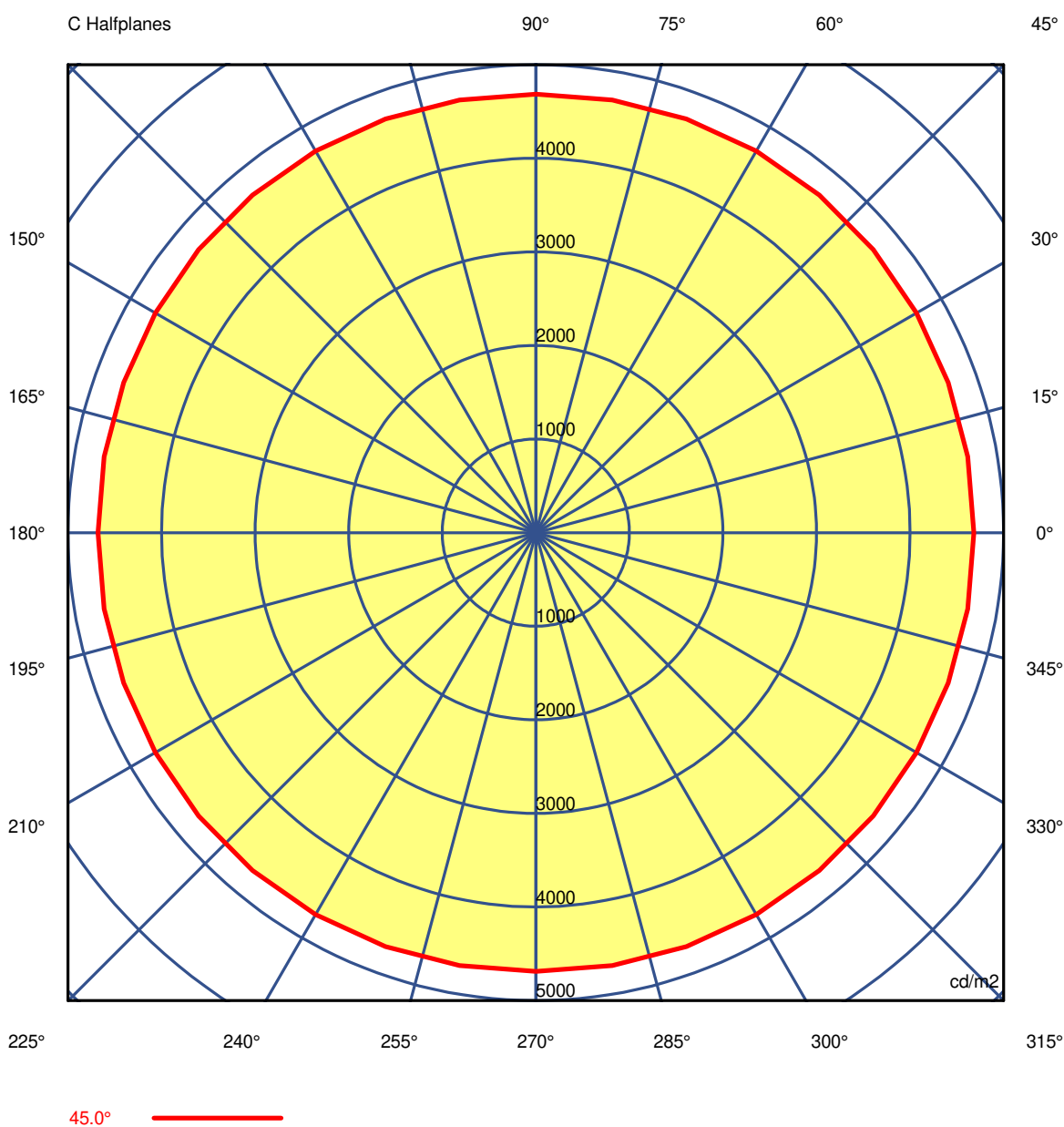
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Luminaire Flux	10962 lm	Luminaire Power	83.9 W	Efficacy	130.661 lm/W	Efficiency	70.45%
Source Flux	15560 lm	Maximum value	259.40 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

Code 90587L900

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Measurement

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Luminaire Flux		10962 lm		Luminaire Power		83.9 W		Efficacy		130.661 lm/W		Efficiency		70.45%	
Source Flux		15560 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	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636
G 5.0	6550	6550	6550	6550	6552	6552	6550	6550	6551	6553	6551	6550	6550	6550	6550
G 10.0	6433	6435	6435	6435	6438	6437	6435	6437	6438	6435	6438	6437	6435	6435	6435
G 15.0	6297	6297	6299	6302	6305	6305	6305	6304	6301	6297	6301	6304	6305	6305	6305
G 20.0	6124	6127	6132	6142	6155	6163	6160	6151	6139	6126	6139	6151	6160	6160	6160
G 25.0	5940	5941	5945	5951	5960	5967	5967	5957	5946	5940	5946	5957	5967	5967	5967
G 30.0	5734	5746	5739	5723	5723	5723	5723	5725	5731	5745	5731	5725	5723	5723	5723
G 35.0	5481	5489	5478	5455	5441	5435	5435	5448	5469	5492	5469	5448	5435	5435	5435
G 40.0	5143	5152	5149	5134	5119	5109	5110	5128	5143	5146	5143	5128	5110	5110	5110
G 45.0	4681	4685	4690	4697	4707	4712	4710	4704	4696	4688	4696	4704	4710	4710	4710
G 50.0	3728	3751	3810	3926	4005	4050	4047	3966	3861	3766	3861	3966	4047	4047	4047
G 55.0	2561	2422	2649	3100	3280	3317	3316	3200	2904	2470	2904	3200	3316	3316	3316
G 60.0	1953	1997	2050	2181	2448	2638	2581	2299	2084	2037	2084	2299	2581	2581	2581
G 65.0	1691	1786	1740	1667	1978	2261	2184	1791	1606	1777	1606	1791	2184	2184	2184
G 70.0	1420	1409	1366	1381	1657	1880	1817	1523	1396	1392	1396	1523	1817	1817	1817
G 75.0	1179	1152	1087	1077	1258	1409	1369	1176	1072	1125	1072	1176	1369	1369	1369
G 80.0	1085	1091	1123	1172	1200	1208	1189	1137	1092	1068	1092	1137	1189	1189	1189
G 85.0	988	963	968	976	873	786	793	858	874	818	874	858	793	793	793
G 90.0	707	693	680	666	642	602	562	547	530	499	530	547	562	562	562

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Luminaire Flux		10962 lm		Luminaire Power		83.9 W		Efficacy		130.661 lm/W		Efficiency		70.45%												
Source Flux		15560 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	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636
G 5.0	6552	6552	6550	6550	6550	6550	6550	6550	6550	6550	6550	6550	6550	6552	6552	6552	6550	6550	6550	6550	6550	6550	6550	6550	6550	6550
G 10.0	6437	6438	6435	6435	6435	6435	6433	6435	6435	6435	6435	6435	6438	6437	6437	6435	6437	6435	6437	6435	6437	6435	6437	6435	6437	6437
G 15.0	6305	6305	6302	6299	6297	6297	6297	6299	6302	6305	6305	6305	6305	6305	6305	6305	6305	6305	6305	6305	6305	6305	6305	6305	6305	6304
G 20.0	6163	6155	6142	6132	6127	6124	6127	6132	6142	6155	6163	6160	6151	6163	6160	6151	6163	6160	6151	6163	6160	6151	6163	6160	6151	6151
G 25.0	5967	5960	5951	5945	5941	5940	5941	5945	5951	5960	5967	5967	5957	5967	5967	5957	5967	5967	5957	5967	5967	5957	5967	5967	5957	5957
G 30.0	5723	5723	5723	5739	5746	5734	5746	5739	5723	5723	5723	5723	5725	5723	5723	5725	5723	5723	5725	5723	5723	5725	5723	5723	5725	5725
G 35.0	5435	5441	5455	5478	5489	5481	5489	5478	5455	5441	5435	5435	5448	5435	5435	5448	5435	5435	5448	5435	5435	5448	5435	5435	5448	5448
G 40.0	5109	5119	5134	5149	5152	5143	5152	5149	5134	5119	5109	5110	5128	5109	5110	5128	5109	5110	5128	5109	5110	5128	5109	5110	5128	5128
G 45.0	4712	4707	4697	4690	4685	4681	4685	4690	4697	4707	4712	4710	4704	4712	4710	4704	4712	4710	4704	4712	4710	4704	4712	4710	4704	4704
G 50.0	4050	4005	3926	3810	3751	3728	3751	3810	3926	4005	4050	4047	3966	4050	4047	3966	4050	4047	3966	4050	4047	3966	4050	4047	3966	3966
G 55.0	3317	3280	3100	2649	2422	2561	2422	2649	3100	3280	3317	3316	3200	3317	3316	3200	3317	3316	3200	3317	3316	3200	3317	3316	3200	3200
G 60.0	2638	2448	2181	2050	1997	1953	1997	2050	2181	2448	2638	2581	2299	2638	2581	2299	2638	2581	2299	2638	2581	2299	2638	2581	2299	2299
G 65.0	2261	1978	1667	1740	1786	1691	1786	1740	1667	1978	2261	2184	1791	1978	2261	2184	1791	1978	2261	2184	1791	1978	2261	2184	1791	1791
G 70.0	1880	1657	1381	1366	1409	1420	1409	1366	1381	1657	1880	1817	1523	1657	1880	1817	1523	1657	1880	1817	1523	1657	1880	1817	1523	1523
G 75.0	1409	1258	1077	1087	1152	1179	1152	1087	1077	1258	1409	1369	1176	1258	1409	1369	1176	1258	1409	1369	1176	1258	1409	1369	1176	1176
G 80.0	1208	1200	1172	1123	1091	1085	1091	1123	1172	1200	1208	1189	1137	1200	1208	1189	1137	1200	1208	1189	1137	1200	1208	1189	1137	1137
G 85.0	786	873	976	968	963	988	963	968	976	873	786	793	858	976	873	793	858	976	873	793	858	976	873	793	858	858
G 90.0	602	642	666	680	693	707	693	680	666	642	602	562	547	666	642	562	547	666	642	562	547	666	642	562	547	547

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Source Flux	15560 lm	Maximum value	259.40 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	6636	6636	6636	6636	6636	6636	6636	6636	6636	6636
G 5.0	6551	6553	6551	6550	6550	6552	6552	6550	6550	6550
G 10.0	6438	6435	6438	6437	6435	6437	6438	6435	6435	6435
G 15.0	6301	6297	6301	6304	6305	6305	6305	6302	6299	6297
G 20.0	6139	6126	6139	6151	6160	6163	6155	6142	6132	6127
G 25.0	5946	5940	5946	5957	5967	5967	5960	5951	5945	5941
G 30.0	5731	5745	5731	5725	5723	5723	5723	5723	5739	5746
G 35.0	5469	5492	5469	5448	5435	5435	5441	5455	5478	5489
G 40.0	5143	5146	5143	5128	5110	5109	5119	5134	5149	5152
G 45.0	4696	4688	4696	4704	4710	4712	4707	4697	4690	4685
G 50.0	3861	3766	3861	3966	4047	4050	4005	3926	3810	3751
G 55.0	2904	2470	2904	3200	3316	3317	3280	3100	2649	2422
G 60.0	2084	2037	2084	2299	2581	2638	2448	2181	2050	1997
G 65.0	1606	1777	1606	1791	2184	2261	1978	1667	1740	1786
G 70.0	1396	1392	1396	1523	1817	1880	1657	1381	1366	1409
G 75.0	1072	1125	1072	1176	1369	1409	1258	1077	1087	1152
G 80.0	1092	1068	1092	1137	1189	1208	1200	1172	1123	1091
G 85.0	874	818	874	858	793	786	873	976	968	963
G 90.0	530	499	530	547	562	602	642	666	680	693