

Luminaire

Code 90589L600

Name ROFY 60 D/I D0600 LIGHT+ 830 HO

Measurem.

Code 26/7/2023

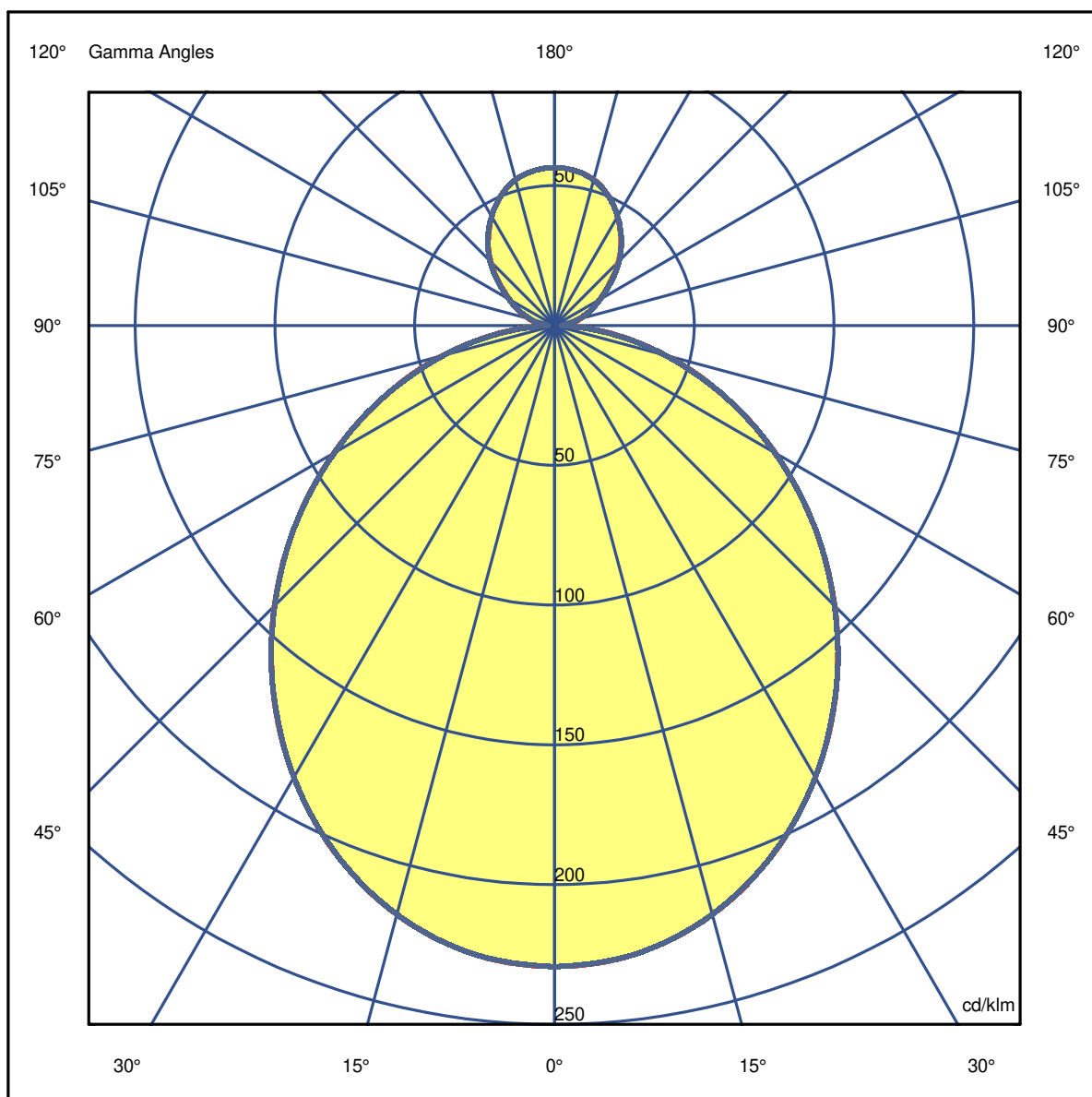
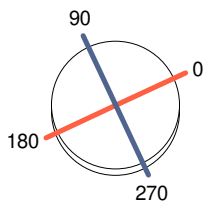
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Luminaire Flux	7600 lm	Luminaire Power	56.3 W	Efficacy	135.006 lm/W	Efficiency	76.33%
Source Flux	9956 lm	Maximum value	229.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=600mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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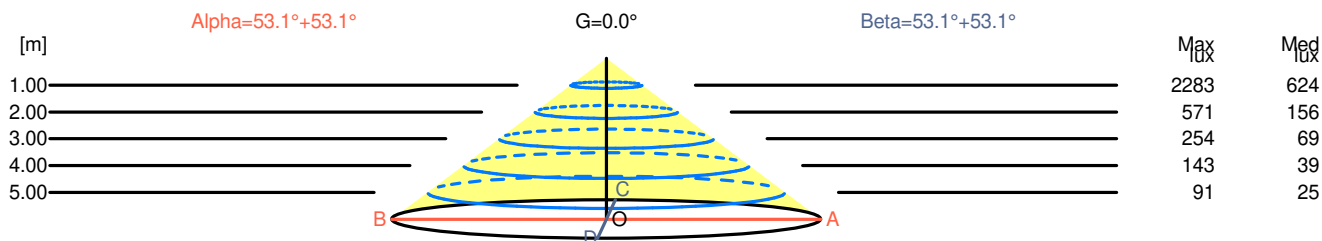
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Width at 50.00 % of Max Intensity

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	1.33	2.67	4.00	5.33	6.67	OC	1.33	2.67	4.00	5.33	6.66
OB	1.33	2.67	4.00	5.33	6.67	OD	1.33	2.67	4.00	5.33	6.66

	0	5	15	25	35	45	55	65	75	85
OA	2282.91	2270.96	2171.40	1981.24	1720.40	1411.76	1078.23	736.74	409.19	123.45
OB	2282.91	2270.96	2171.40	1981.24	1720.40	1411.76	1078.23	736.74	409.19	123.45
OC	2282.91	2269.97	2170.41	1980.25	1718.41	1409.77	1077.24	737.74	407.20	109.52
OD	2282.91	2269.97	2170.41	1980.25	1718.41	1409.77	1077.24	737.74	407.20	109.52



H[m]	D[m]	Max lux	Med lux	Alpha=53.1°+53.1°	G=0.0
1.00	2.67	2283	624		
2.00	5.33	571	156		
3.00	8.00	254	69		
4.00	10.67	143	39		
5.00	13.33	91	25		

H[m]	D[m]	Max lux	Med lux	Beta=53.1°+53.1°	G=0.0
1.00	2.67	2283	624		
2.00	5.33	571	156		
3.00	8.00	254	69		
4.00	10.66	143	39		
5.00	13.33	91	25		

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Source Flux	9956 lm	Maximum value	229.30 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	17.4	18.5	17.9	19.0	19.6	17.4	18.5	17.9	19.0	19.6
x=2H y=3H	18.7	19.7	19.3	20.2	20.9	18.7	19.7	19.3	20.2	20.9
x=2H y=4H	19.2	20.1	19.8	20.7	21.4	19.2	20.1	19.8	20.7	21.4
x=2H y=6H	19.5	20.4	20.1	21.0	21.7	19.5	20.4	20.1	21.0	21.7
x=2H y=8H	19.6	20.4	20.2	21.0	21.7	19.6	20.4	20.2	21.0	21.7
x=2H y=12H	19.6	20.4	20.3	21.0	21.7	19.6	20.4	20.3	21.0	21.7
x=4H y=2H	17.9	18.8	18.5	19.4	20.1	17.9	18.8	18.5	19.4	20.1
x=4H y=3H	19.4	20.2	20.0	20.8	21.5	19.4	20.2	20.0	20.8	21.5
x=4H y=4H	20.0	20.7	20.7	21.3	22.1	20.0	20.7	20.7	21.3	22.1
x=4H y=6H	20.5	21.0	21.1	21.7	22.5	20.4	21.0	21.1	21.7	22.5
x=4H y=8H	20.6	21.1	21.3	21.8	22.6	20.6	21.1	21.3	21.8	22.6
x=4H y=12H	20.7	21.1	21.4	21.8	22.6	20.6	21.1	21.3	21.8	22.6
x=8H y=4H	20.2	20.7	20.9	21.4	22.2	20.2	20.7	20.9	21.4	22.2
x=8H y=6H	20.8	21.2	21.5	21.9	22.7	20.7	21.2	21.5	21.9	22.7
x=8H y=8H	20.9	21.3	21.7	22.0	22.9	20.9	21.3	21.6	22.0	22.9
x=8H y=12H	21.1	21.4	21.8	22.1	23.0	21.0	21.3	21.8	22.1	23.0
x=12H y=4H	20.2	20.7	20.9	21.4	22.2	20.2	20.7	20.9	21.4	22.2
x=12H y=6H	20.8	21.2	21.5	21.9	22.7	20.8	21.1	21.5	21.9	22.7
x=12H y=8H	21.0	21.3	21.8	22.1	22.9	21.0	21.3	21.7	22.0	22.9

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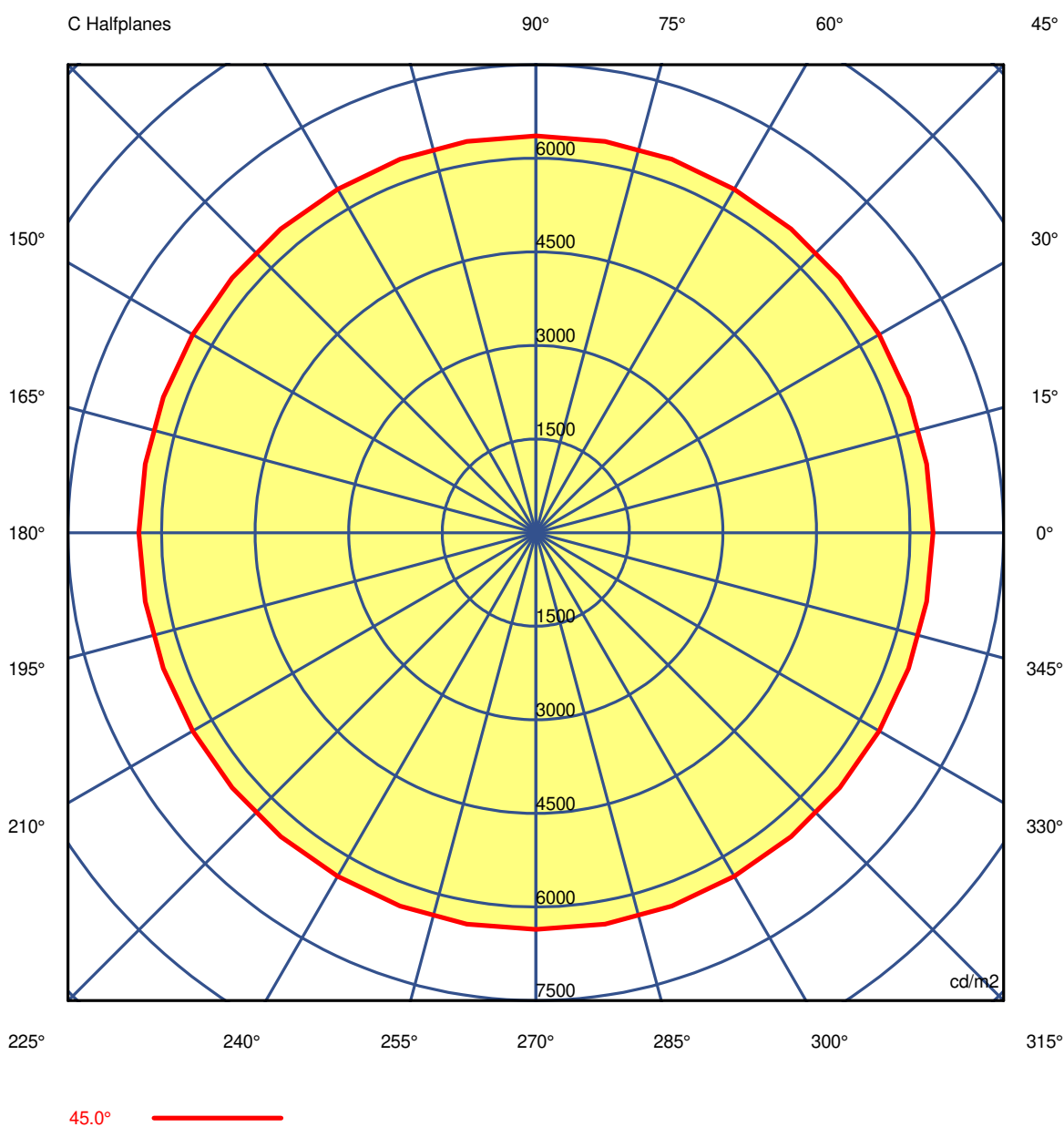
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Luminaire Flux	7600 lm	Luminaire Power	56.3 W	Efficacy	135.006 lm/W	Efficiency	76.33%
Source Flux	9956 lm	Maximum value	229.30 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



Luminaire

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Luminaire Flux	7600 lm		Luminaire Power		56.3 W		Efficacy		135.006 lm/W		Efficiency		76.33%	
Source Flux	9956 lm		Maximum value		229.30 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	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	
G 5.0	8490	8486	8487	8490	8490	8490	8490	8490	8489	8486	8489	8490	8490	
G 10.0	8309	8306	8305	8305	8308	8309	8309	8312	8313	8309	8313	8312	8309	
G 15.0	8103	8100	8100	8103	8104	8102	8100	8102	8103	8100	8103	8102	8100	
G 20.0	7867	7867	7867	7867	7867	7865	7863	7865	7867	7867	7867	7865	7863	
G 25.0	7612	7606	7603	7604	7607	7606	7604	7609	7612	7608	7612	7609	7604	
G 30.0	7330	7327	7326	7326	7326	7326	7326	7328	7330	7330	7330	7328	7326	
G 35.0	7031	7024	7021	7022	7026	7025	7022	7025	7026	7022	7026	7025	7022	
G 40.0	6703	6696	6695	6699	6699	6699	6699	6701	6705	6707	6705	6701	6699	
G 45.0	6368	6362	6357	6355	6358	6359	6359	6370	6371	6359	6371	6370	6359	
G 50.0	6004	5988	5989	6000	5994	5990	5995	5998	6001	6004	6001	5998	5995	
G 55.0	5618	5607	5600	5597	5596	5600	5608	5608	5608	5613	5608	5608	5608	
G 60.0	5189	5181	5175	5172	5167	5166	5172	5184	5189	5183	5189	5184	5172	
G 65.0	4712	4704	4695	4687	4686	4688	4693	4702	4710	4719	4710	4702	4693	
G 70.0	4173	4152	4140	4137	4131	4131	4137	4142	4148	4159	4148	4142	4137	
G 75.0	3527	3502	3489	3485	3472	3467	3476	3494	3507	3510	3507	3494	3476	
G 80.0	2720	2716	2700	2678	2664	2648	2636	2647	2665	2678	2665	2647	2636	
G 85.0	1711	1672	1643	1615	1571	1522	1491	1496	1511	1518	1511	1496	1491	
G 90.0	767	754	741	727	703	668	626	584	550	525	550	584	626	

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Source Flux		9956 lm		Maximum value		229.30 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	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641
G 5.0	8490	8490	8490	8490	8487	8486	8490	8486	8487	8490	8490	8490	8490	8490	8490	8490	8490	8490	8490	8490	8490	8490	8490	8490	8490	8490
G 10.0	8309	8308	8305	8305	8306	8309	8306	8305	8305	8308	8309	8309	8309	8309	8309	8309	8309	8309	8309	8309	8309	8309	8309	8309	8309	8312
G 15.0	8102	8104	8103	8100	8100	8103	8100	8100	8103	8104	8102	8100	8102	8100	8102	8100	8102	8100	8102	8100	8102	8100	8102	8100	8102	8102
G 20.0	7865	7867	7867	7867	7867	7867	7867	7867	7867	7867	7867	7867	7867	7867	7867	7867	7867	7867	7867	7867	7867	7867	7867	7867	7867	7865
G 25.0	7606	7607	7604	7603	7606	7612	7606	7603	7604	7607	7606	7604	7606	7604	7607	7606	7604	7606	7604	7607	7606	7604	7606	7604	7609	7609
G 30.0	7326	7326	7326	7326	7327	7330	7327	7326	7326	7326	7326	7326	7326	7326	7326	7326	7326	7326	7326	7326	7326	7326	7326	7326	7328	7328
G 35.0	7025	7026	7022	7021	7024	7031	7024	7021	7022	7026	7025	7022	7025	7022	7026	7025	7022	7025	7022	7026	7025	7022	7025	7022	7025	7025
G 40.0	6699	6699	6699	6695	6696	6703	6696	6695	6699	6699	6699	6699	6699	6699	6699	6699	6699	6699	6699	6699	6699	6699	6699	6699	6701	6701
G 45.0	6359	6358	6355	6357	6362	6368	6362	6357	6355	6358	6359	6359	6359	6359	6359	6359	6359	6359	6359	6359	6359	6359	6359	6359	6370	6370
G 50.0	5990	5994	6000	5989	5988	6004	5988	5989	6000	5994	5990	5995	5998	5998	5998	5998	5998	5998	5998	5998	5998	5998	5998	5998	5998	5998
G 55.0	5600	5596	5597	5600	5607	5618	5607	5600	5597	5596	5600	5608	5608	5608	5608	5608	5608	5608	5608	5608	5608	5608	5608	5608	5608	5608
G 60.0	5166	5167	5172	5175	5181	5189	5181	5175	5172	5167	5166	5172	5184	5184	5184	5184	5184	5184	5184	5184	5184	5184	5184	5184	5184	5184
G 65.0	4688	4686	4687	4695	4704	4712	4704	4695	4687	4686	4688	4693	4702	4702	4702	4702	4702	4702	4702	4702	4702	4702	4702	4702	4702	4702
G 70.0	4131	4131	4137	4140	4152	4173	4152	4140	4137	4131	4131	4137	4142	4142	4142	4142	4142	4142	4142	4142	4142	4142	4142	4142	4142	4142
G 75.0	3467	3472	3485	3489	3502	3527	3502	3489	3485	3472	3467	3476	3494	3494	3494	3494	3494	3494	3494	3494	3494	3494	3494	3494	3494	3494
G 80.0	2648	2664	2678	2700	2716	2720	2716	2700	2678	2664	2648	2636	2647	2647	2647	2647	2647	2647	2647	2647	2647	2647	2647	2647	2647	2647
G 85.0	1522	1571	1615	1643	1672	1711	1672	1643	1615	1571	1522	1491	1496	1496	1496	1496	1496	1496	1496	1496	1496	1496	1496	1496	1496	1496
G 90.0	668	703	727	741	754	767	754	741	727	703	668	626	584	584	584	584	584	584	584	584	584	584	584	584	584	584

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Source Flux	9956 lm	Maximum value	229.30 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	8641	8641	8641	8641	8641	8641	8641	8641	8641	8641
G 5.0	8489	8486	8489	8490	8490	8490	8490	8490	8487	8486
G 10.0	8313	8309	8313	8312	8309	8309	8308	8305	8305	8306
G 15.0	8103	8100	8103	8102	8100	8102	8104	8103	8100	8100
G 20.0	7867	7867	7867	7865	7863	7865	7867	7867	7867	7867
G 25.0	7612	7608	7612	7609	7604	7606	7607	7604	7603	7606
G 30.0	7330	7330	7330	7328	7326	7326	7326	7326	7326	7327
G 35.0	7026	7022	7026	7025	7022	7025	7026	7022	7021	7024
G 40.0	6705	6707	6705	6701	6699	6699	6699	6699	6695	6696
G 45.0	6371	6359	6371	6370	6359	6359	6358	6355	6357	6362
G 50.0	6001	6004	6001	5998	5995	5990	5994	6000	5989	5988
G 55.0	5608	5613	5608	5608	5608	5600	5596	5597	5600	5607
G 60.0	5189	5183	5189	5184	5172	5166	5167	5172	5175	5181
G 65.0	4710	4719	4710	4702	4693	4688	4686	4687	4695	4704
G 70.0	4148	4159	4148	4142	4137	4131	4131	4137	4140	4152
G 75.0	3507	3510	3507	3494	3476	3467	3472	3485	3489	3502
G 80.0	2665	2678	2665	2647	2636	2648	2664	2678	2700	2716
G 85.0	1511	1518	1511	1496	1491	1522	1571	1615	1643	1672
G 90.0	550	525	550	584	626	668	703	727	741	754