

Luminaire

Code 90636L120

Name CONCEPT O 65 D/I D1200 LIGHT+ K3 840

Measurem.

Code 31/7/2023

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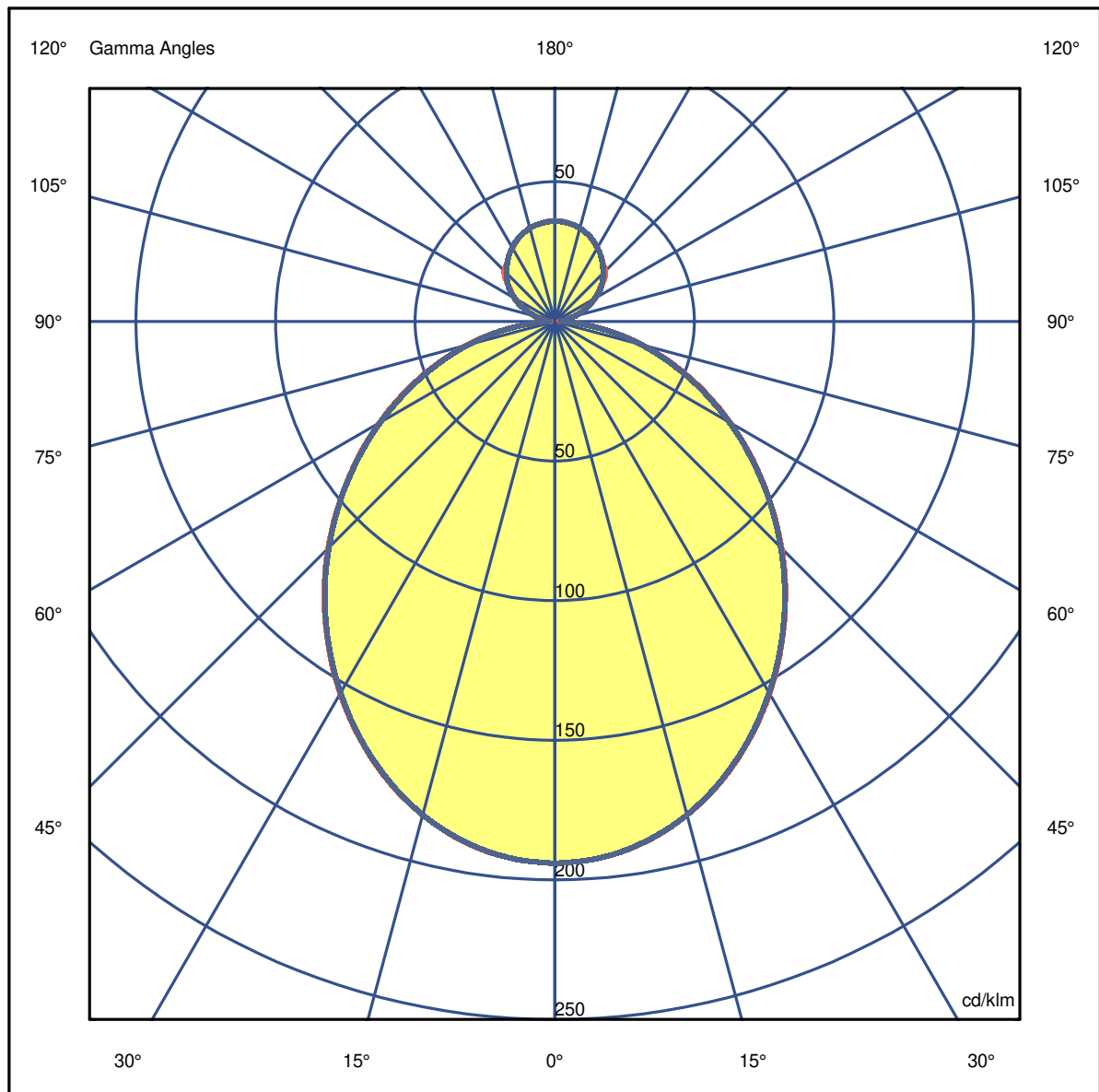
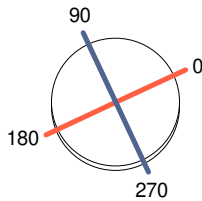
Luminaire Flux	10080 lm	Luminaire Power	91.8 W	Efficacy	109.847 lm/W	Efficiency	60.93%
Source Flux	16544 lm	Maximum value	194.00 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=1200mm

C Halfplanes

180.0 ————— 0.0

270.0 ————— 90.0



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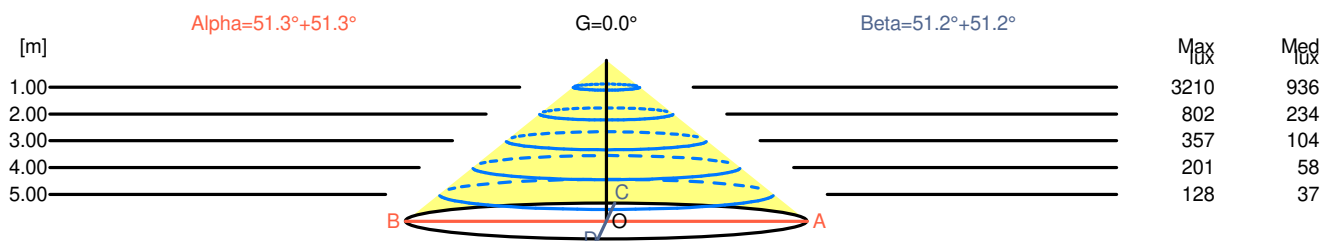
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Width at 50.00 % of Max Intensity

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	1.25	2.50	3.75	4.99	6.24	OC	1.25	2.49	3.74	4.98	6.23
OB	1.25	2.50	3.75	4.99	6.24	OD	1.25	2.49	3.74	4.98	6.23

	0	5	15	25	35	45	55	65	75	85
OA	3209.54	3188.03	3025.90	2729.76	2340.98	1900.91	1432.71	971.13	534.37	143.93
OB	3209.54	3188.03	3025.90	2729.76	2340.98	1900.91	1432.71	971.13	534.37	143.93
OC	3209.54	3188.03	3025.90	2726.45	2336.01	1892.63	1426.09	961.21	526.10	143.93
OD	3209.54	3188.03	3025.90	2726.45	2336.01	1892.63	1426.09	961.21	526.10	143.93



H[m]	D[m]	Max lux	Med lux	Alpha=51.3°+51.3°	G=0.0	
1.00	2.50	3210	936			
2.00	4.99	802	234			
3.00	7.49	357	104			
4.00	9.99	201	58			
5.00	12.49	128	37			

H[m]	D[m]	Max lux	Med lux	Beta=51.2°+51.2°	G=0.0	
1.00	2.49	3210	936			
2.00	4.98	802	234			
3.00	7.47	357	104			
4.00	9.96	201	58			
5.00	12.45	128	37			

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Source Flux	16544 lm	Maximum value	194.00 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	13.9	14.9	14.4	15.4	16.0	13.9	14.9	14.4	15.4	16.0
x=2H y=3H	15.2	16.2	15.8	16.8	17.4	15.2	16.2	15.8	16.7	17.3
x=2H y=4H	15.8	16.7	16.3	17.2	17.9	15.7	16.6	16.3	17.2	17.9
x=2H y=6H	16.1	17.0	16.7	17.6	18.2	16.1	16.9	16.7	17.5	18.2
x=2H y=8H	16.2	17.0	16.8	17.6	18.3	16.2	17.0	16.8	17.6	18.3
x=2H y=12H	16.3	17.0	16.9	17.6	18.3	16.2	17.0	16.9	17.6	18.3
x=4H y=2H	14.4	15.3	15.0	15.9	16.5	14.4	15.3	15.0	15.9	16.5
x=4H y=3H	16.0	16.7	16.6	17.3	18.0	15.9	16.7	16.6	17.3	18.0
x=4H y=4H	16.6	17.3	17.3	17.9	18.6	16.6	17.3	17.2	17.9	18.6
x=4H y=6H	17.1	17.7	17.8	18.3	19.1	17.0	17.6	17.7	18.3	19.0
x=4H y=8H	17.2	17.8	17.9	18.4	19.2	17.2	17.7	17.9	18.4	19.2
x=4H y=12H	17.3	17.8	18.0	18.5	19.3	17.3	17.8	18.0	18.4	19.2
x=8H y=4H	16.8	17.4	17.5	18.0	18.8	16.8	17.3	17.5	18.0	18.8
x=8H y=6H	17.4	17.9	18.1	18.5	19.4	17.4	17.8	18.1	18.5	19.3
x=8H y=8H	17.6	18.0	18.3	18.7	19.6	17.6	18.0	18.3	18.7	19.5
x=8H y=12H	17.7	18.1	18.5	18.8	19.7	17.7	18.1	18.5	18.8	19.6
x=12H y=4H	16.8	17.3	17.5	18.0	18.8	16.8	17.3	17.5	17.9	18.8
x=12H y=6H	17.4	17.8	18.2	18.5	19.4	17.4	17.8	18.1	18.5	19.3
x=12H y=8H	17.7	18.0	18.4	18.7	19.6	17.6	18.0	18.4	18.7	19.6

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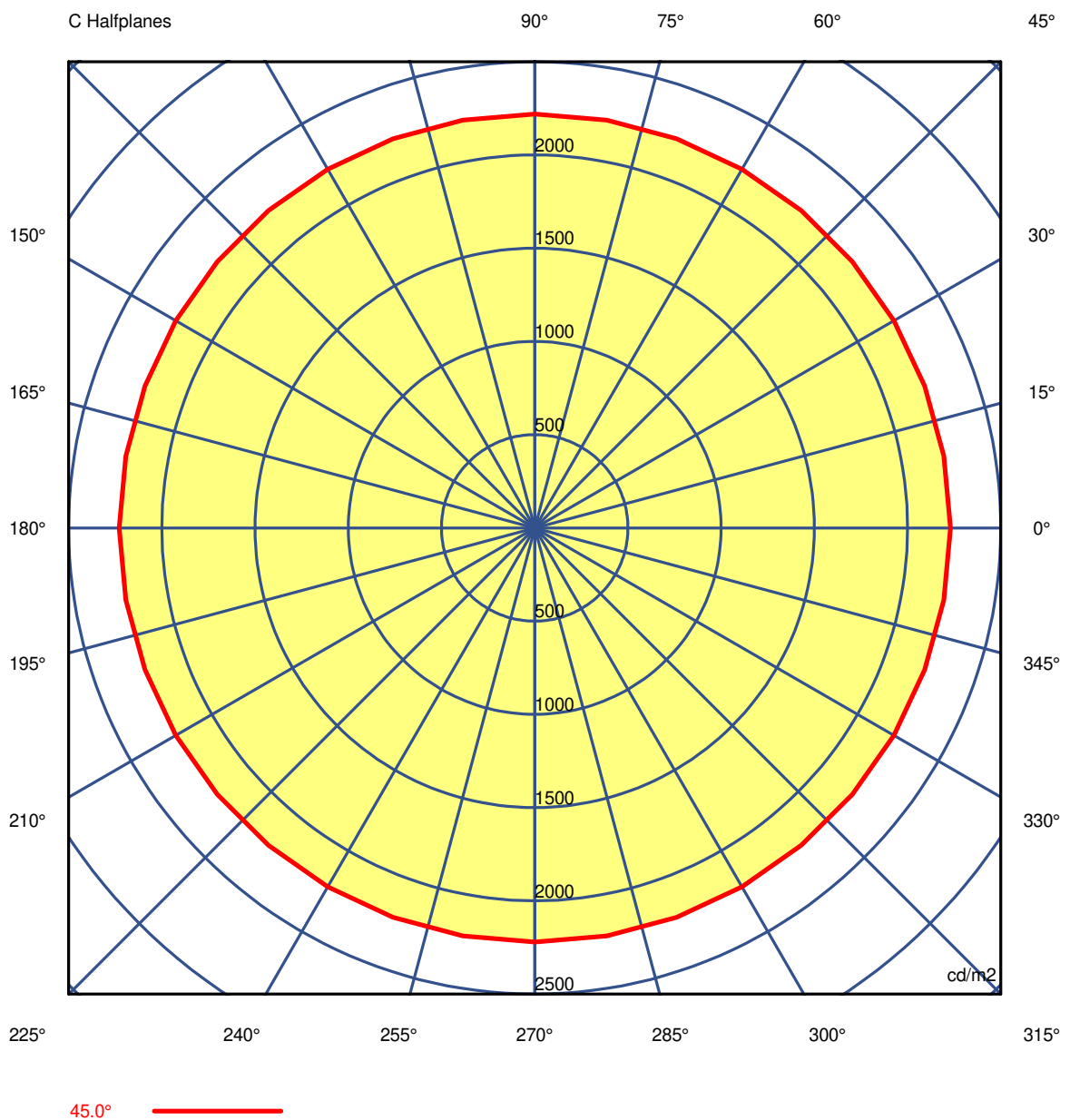
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Luminaire Flux	10080 lm	Luminaire Power	91.8 W	Efficacy	109.847 lm/W	Efficiency	60.93%
Source Flux	16544 lm	Maximum value	194.00 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Source Flux		16544 lm		Maximum value		194.00 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	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905
G 5.0	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874
G 10.0	2829	2829	2828	2827	2828	2829	2829	2829	2828	2827	2828	2829	2829	2829	2829
G 15.0	2768	2768	2768	2768	2767	2767	2769	2769	2768	2768	2768	2769	2769	2769	2769
G 20.0	2698	2695	2695	2696	2696	2696	2696	2695	2695	2695	2695	2695	2695	2696	2696
G 25.0	2615	2615	2615	2615	2614	2613	2614	2615	2615	2612	2615	2615	2615	2614	2614
G 30.0	2526	2525	2525	2525	2524	2523	2523	2523	2523	2522	2523	2523	2523	2523	2523
G 35.0	2431	2430	2429	2428	2428	2428	2428	2428	2428	2426	2428	2428	2428	2428	2428
G 40.0	2333	2331	2329	2328	2328	2329	2330	2329	2328	2328	2328	2329	2330	2330	2330
G 45.0	2230	2227	2225	2224	2223	2222	2222	2222	2222	2220	2222	2222	2222	2222	2222
G 50.0	2116	2116	2115	2112	2112	2111	2110	2111	2112	2112	2112	2111	2110	2110	2110
G 55.0	2000	1999	1996	1993	1995	1995	1993	1993	1993	1991	1993	1993	1993	1993	1993
G 60.0	1875	1873	1874	1875	1871	1870	1872	1871	1869	1867	1869	1871	1872	1872	1872
G 65.0	1740	1732	1731	1734	1732	1731	1731	1729	1726	1722	1726	1729	1731	1731	1731
G 70.0	1582	1580	1578	1575	1570	1567	1568	1571	1571	1565	1571	1571	1568	1568	1568
G 75.0	1394	1383	1383	1385	1376	1373	1377	1375	1373	1373	1373	1375	1377	1377	1377
G 80.0	1137	1133	1129	1125	1120	1121	1125	1122	1120	1120	1120	1122	1125	1125	1125
G 85.0	732	726	720	715	714	717	723	730	732	732	732	730	723	723	723
G 90.0	345	387	434	443	378	377	410	325	313	443	313	325	410	410	410

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Source Flux		16544 lm		Maximum value		194.00 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	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905
G 5.0	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874
G 10.0	2829	2828	2827	2828	2829	2829	2829	2829	2828	2827	2828	2829	2829	2828	2829	2829	2828	2829	2829	2829	2829	2829	2829	2829	2829	2829
G 15.0	2767	2767	2768	2768	2768	2768	2768	2768	2768	2768	2768	2768	2768	2767	2767	2769	2769	2769	2769	2769	2769	2769	2769	2769	2769	2769
G 20.0	2696	2696	2696	2695	2695	2698	2695	2695	2696	2696	2696	2696	2696	2696	2696	2696	2696	2696	2696	2696	2696	2696	2696	2696	2695	2695
G 25.0	2613	2614	2615	2615	2615	2615	2615	2615	2615	2615	2615	2615	2614	2613	2614	2615	2615	2615	2615	2615	2615	2615	2615	2615	2615	2615
G 30.0	2523	2524	2525	2525	2525	2526	2525	2525	2525	2525	2525	2525	2524	2523	2523	2523	2523	2523	2523	2523	2523	2523	2523	2523	2523	2523
G 35.0	2428	2428	2428	2429	2430	2431	2430	2429	2428	2428	2428	2428	2428	2428	2428	2428	2428	2428	2428	2428	2428	2428	2428	2428	2428	2428
G 40.0	2329	2328	2328	2329	2331	2333	2331	2329	2328	2328	2329	2329	2328	2329	2330	2329	2330	2329	2329	2329	2329	2329	2329	2329	2329	2329
G 45.0	2222	2223	2224	2225	2227	2230	2227	2225	2224	2223	2222	2222	2222	2222	2222	2222	2222	2222	2222	2222	2222	2222	2222	2222	2222	2222
G 50.0	2111	2112	2112	2115	2116	2116	2116	2115	2112	2112	2112	2112	2111	2110	2111	2111	2110	2111	2111	2111	2111	2111	2111	2111	2111	2111
G 55.0	1995	1995	1993	1996	1999	2000	1999	1996	1993	1995	1995	1995	1995	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993	1993
G 60.0	1870	1871	1875	1874	1873	1875	1873	1874	1875	1871	1870	1870	1870	1872	1871	1872	1871	1872	1871	1872	1871	1872	1871	1872	1871	1871
G 65.0	1731	1732	1734	1731	1732	1740	1732	1731	1734	1732	1731	1731	1731	1731	1731	1729	1731	1731	1731	1731	1731	1731	1731	1731	1731	1729
G 70.0	1567	1570	1575	1578	1580	1582	1580	1578	1575	1570	1567	1567	1568	1571	1568	1571	1568	1571	1568	1571	1568	1571	1568	1571	1568	1571
G 75.0	1373	1376	1385	1383	1383	1394	1383	1383	1385	1376	1373	1373	1377	1375	1377	1375	1377	1375	1377	1375	1377	1375	1377	1375	1377	1375
G 80.0	1121	1120	1125	1129	1133	1137	1133	1129	1125	1120	1121	1125	1122	1121	1125	1122	1121	1125	1122	1121	1125	1122	1121	1125	1122	1121
G 85.0	717	714	715	720	726	732	726	720	715	714	717	723	730	723	730	723	730	723	730	723	730	723	730	723	730	723
G 90.0	377	378	443	434	387	345	387	434	443	378	377	410	325	377	410	325	377	410	325	377	410	325	377	410	325	377

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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	2905	2905	2905	2905	2905	2905	2905	2905	2905	2905
G 5.0	2874	2874	2874	2874	2874	2874	2874	2874	2874	2874
G 10.0	2828	2827	2828	2829	2829	2829	2828	2827	2828	2829
G 15.0	2768	2768	2768	2769	2769	2767	2767	2768	2768	2768
G 20.0	2695	2695	2695	2695	2696	2696	2696	2696	2695	2695
G 25.0	2615	2612	2615	2615	2614	2613	2614	2615	2615	2615
G 30.0	2523	2522	2523	2523	2523	2523	2524	2525	2525	2525
G 35.0	2428	2426	2428	2428	2428	2428	2428	2428	2429	2430
G 40.0	2328	2328	2328	2329	2330	2329	2328	2328	2329	2331
G 45.0	2222	2220	2222	2222	2222	2222	2223	2224	2225	2227
G 50.0	2112	2112	2112	2111	2110	2111	2112	2112	2115	2116
G 55.0	1993	1991	1993	1993	1993	1995	1995	1993	1996	1999
G 60.0	1869	1867	1869	1871	1872	1870	1871	1875	1874	1873
G 65.0	1726	1722	1726	1729	1731	1731	1732	1734	1731	1732
G 70.0	1571	1565	1571	1571	1568	1567	1570	1575	1578	1580
G 75.0	1373	1373	1373	1375	1377	1373	1376	1385	1383	1383
G 80.0	1120	1120	1120	1122	1125	1121	1120	1125	1129	1133
G 85.0	732	732	732	730	723	717	714	715	720	726
G 90.0	313	443	313	325	410	377	378	443	434	387