

**Luminaire**

Code 90625L600

Name CONCEPT O 65 D0600 GCONTROL+ 830

**Measurement**

Code 31/7/2023

Name CONCEPT O 65 D0600 GCONTROL+ 830

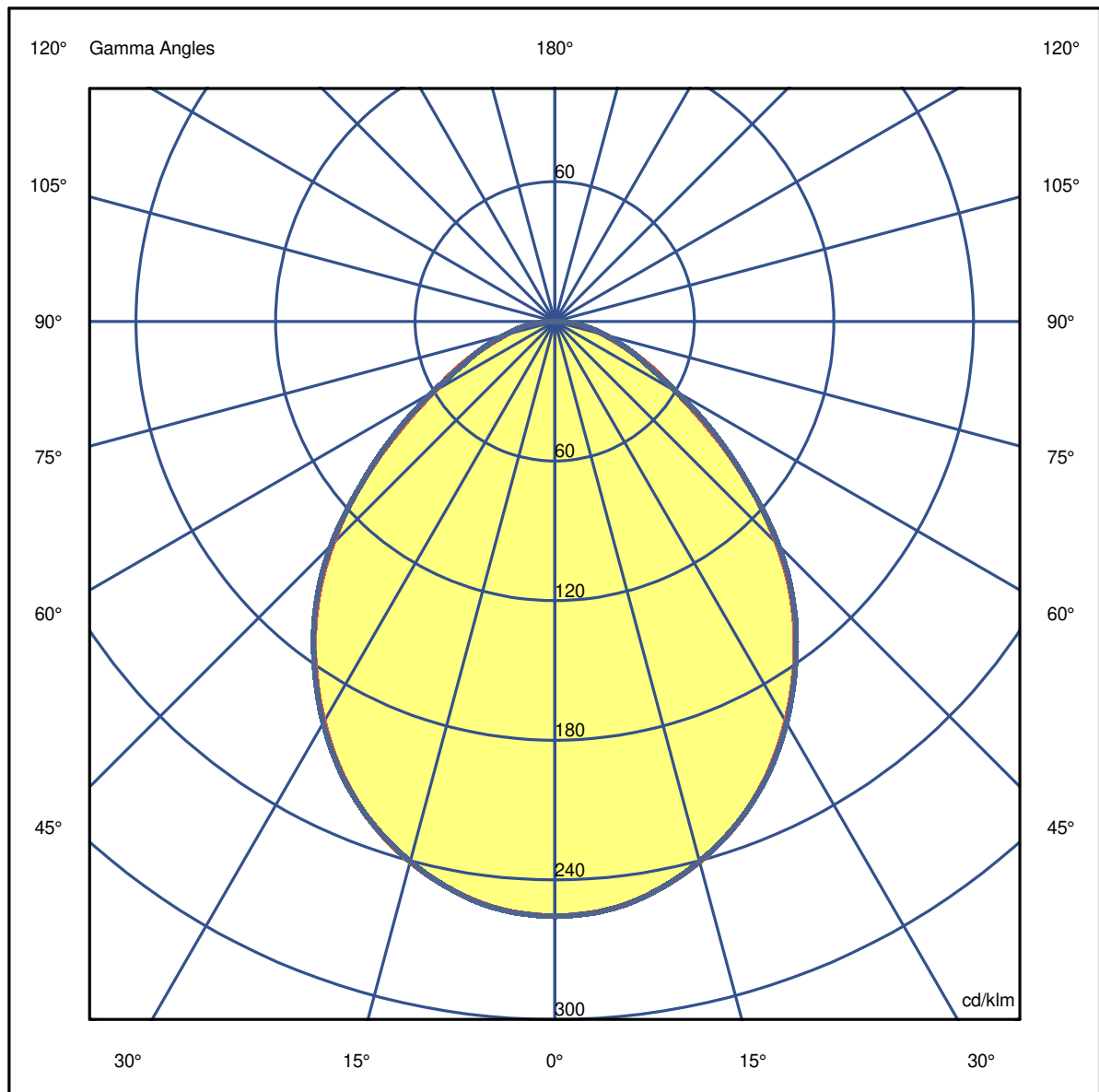
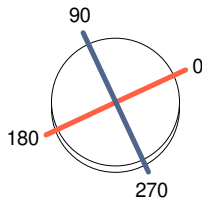
Luminaire Flux	3574 lm	Luminaire Power	37.5 W	Efficacy	95.213 lm/W	Efficiency	55.16%
Source Flux	6480 lm	Maximum value	255.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=600mm

C Halfplanes

180.0 ————— 0.0

270.0 ————— 90.0



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**Measurem.**

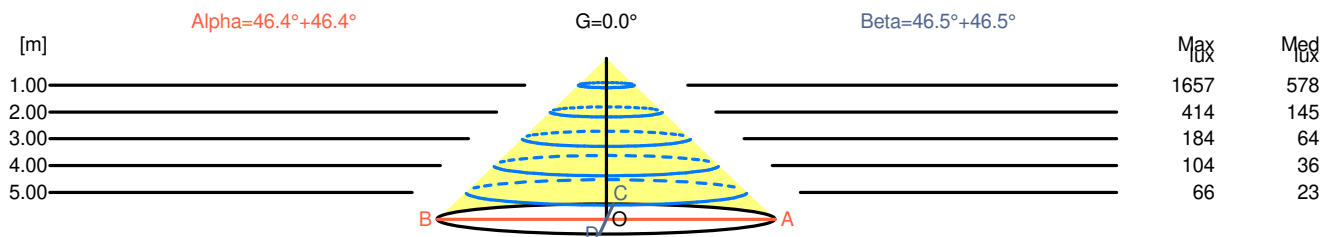
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Luminaire Flux	3574 lm	Luminaire Power	37.5 W	Efficacy	95.213 lm/W	Efficiency	55.16%
Source Flux	6480 lm	Maximum value	255.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.05	2.10	3.15	4.20	5.25	OC	1.05	2.11	3.16	4.22	5.27
OB	1.05	2.10	3.15	4.20	5.25	OD	1.05	2.11	3.16	4.22	5.27

	0	5	15	25	35	45	55	65	75	85
OA	1656.94	1645.27	1557.79	1396.44	1165.10	875.45	530.71	289.66	139.97	42.77
OB	1656.94	1645.27	1557.79	1396.44	1165.10	875.45	530.71	289.66	139.97	42.77
OC	1656.94	1645.92	1556.50	1398.38	1168.34	881.93	541.08	279.29	143.21	43.42
OD	1656.94	1645.92	1556.50	1398.38	1168.34	881.93	541.08	279.29	143.21	43.42



H[m]	D[m]	Max lux	Med lux	Alpha=46.4°+46.4°	G=0.0	
1.00	2.10	1657	578			
2.00	4.20	414	145			
3.00	6.30	184	64			
4.00	8.40	104	36			
5.00	10.50	66	23			

H[m]	D[m]	Max lux	Med lux	Beta=46.5°+46.5°	G=0.0	
1.00	2.11	1657	578			
2.00	4.22	414	145			
3.00	6.33	184	64			
4.00	8.44	104	36			
5.00	10.54	66	23			

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Source Flux	6480 lm	Maximum value	255.70 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	15.6	16.8	15.9	17.0	17.2	15.6	16.8	15.9	17.0	17.3
x=2H y=3H	16.4	17.5	16.8	17.7	18.0	16.4	17.5	16.8	17.8	18.0
x=2H y=4H	16.7	17.7	17.1	18.0	18.3	16.7	17.7	17.1	18.0	18.3
x=2H y=6H	16.9	17.9	17.3	18.2	18.5	16.9	17.9	17.3	18.2	18.5
x=2H y=8H	17.0	17.9	17.3	18.2	18.5	17.0	17.9	17.4	18.2	18.5
x=2H y=12H	17.0	17.8	17.4	18.2	18.5	17.0	17.9	17.4	18.2	18.5
x=4H y=2H	15.8	16.8	16.2	17.1	17.4	15.9	16.9	16.2	17.1	17.4
x=4H y=3H	16.8	17.6	17.2	18.0	18.3	16.8	17.7	17.2	18.0	18.3
x=4H y=4H	17.2	18.0	17.6	18.3	18.7	17.3	18.0	17.6	18.4	18.7
x=4H y=6H	17.6	18.2	18.0	18.6	19.0	17.6	18.2	18.0	18.6	19.0
x=4H y=8H	17.7	18.3	18.1	18.6	19.1	17.7	18.3	18.1	18.7	19.1
x=4H y=12H	17.7	18.3	18.2	18.7	19.1	17.8	18.3	18.2	18.7	19.1
x=8H y=4H	17.4	18.0	17.8	18.3	18.8	17.4	18.0	17.8	18.4	18.8
x=8H y=6H	17.8	18.3	18.3	18.7	19.2	17.8	18.3	18.3	18.7	19.2
x=8H y=8H	18.0	18.4	18.4	18.8	19.3	18.0	18.4	18.5	18.9	19.3
x=8H y=12H	18.1	18.4	18.6	18.9	19.4	18.1	18.5	18.6	18.9	19.4
x=12H y=4H	17.4	17.9	17.8	18.3	18.7	17.4	17.9	17.8	18.3	18.8
x=12H y=6H	17.8	18.2	18.3	18.7	19.2	17.8	18.3	18.3	18.7	19.2
x=12H y=8H	18.0	18.4	18.5	18.8	19.3	18.0	18.4	18.5	18.9	19.4

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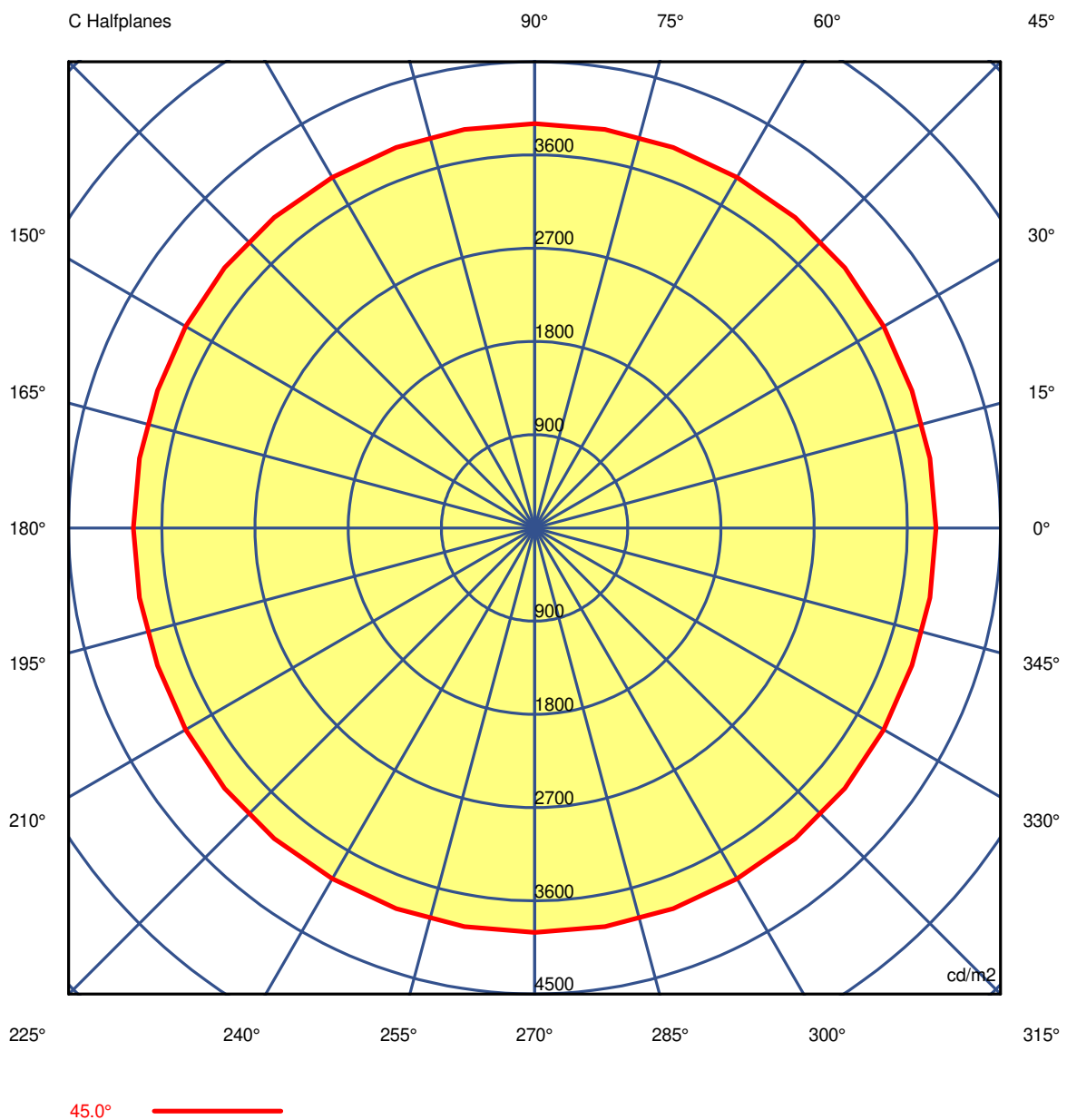
**Measurem.**

Code 31/7/2023

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Luminaire Flux	3574 lm	Luminaire Power	37.5 W	Efficacy	95.213 lm/W	Efficiency	55.16%
Source Flux	6480 lm	Maximum value	255.70 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



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Luminaire Flux	3574 lm	Luminaire Power		37.5 W		Efficacy		95.213 lm/W		Efficiency		55.16%	
Source Flux	6480 lm	Maximum value		255.70 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	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144
G 5.0	6026	6026	6025	6024	6024	6023	6022	6023	6025	6029	6025	6023	6022
G 10.0	5874	5873	5870	5867	5868	5869	5869	5869	5870	5874	5870	5869	5869
G 15.0	5698	5695	5691	5686	5680	5680	5684	5684	5686	5693	5686	5684	5684
G 20.0	5498	5494	5487	5477	5469	5467	5472	5482	5490	5496	5490	5482	5472
G 25.0	5260	5256	5247	5238	5238	5239	5240	5246	5255	5267	5255	5246	5240
G 30.0	4979	4975	4973	4976	4989	4994	4986	4979	4982	4994	4982	4979	4986
G 35.0	4670	4672	4677	4693	4711	4717	4706	4689	4683	4683	4683	4689	4706
G 40.0	4323	4329	4341	4359	4373	4379	4372	4355	4347	4345	4347	4355	4372
G 45.0	3875	3875	3878	3892	3910	3915	3909	3909	3908	3904	3908	3909	3909
G 50.0	3327	3350	3323	3204	3021	3025	3217	3339	3361	3327	3361	3339	3217
G 55.0	2715	2855	2787	2493	2170	2131	2413	2751	2876	2768	2876	2751	2413
G 60.0	2181	2307	2159	1860	1789	1790	1871	2195	2348	2199	2348	2195	1871
G 65.0	1820	1878	1702	1470	1565	1593	1531	1742	1868	1755	1868	1742	1531
G 70.0	1468	1552	1481	1342	1373	1385	1375	1468	1531	1505	1531	1468	1375
G 75.0	1187	1229	1213	1165	1169	1173	1182	1213	1228	1214	1228	1213	1182
G 80.0	980	969	968	980	997	998	987	985	989	993	989	985	987
G 85.0	585	597	633	656	608	606	656	646	615	594	615	646	656
G 90.0	260	183	179	208	170	167	208	194	180	195	180	194	208

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Source Flux	6480 lm		Maximum value		255.70 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	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144
G 5.0	6023	6024	6024	6025	6026	6026	6026	6025	6024	6024	6024	6023	6022	6023	6023	6023	6022	6023	6023	6023	6023	6022	6023	6023	6023
G 10.0	5869	5868	5867	5870	5873	5874	5873	5870	5867	5868	5868	5869	5869	5869	5869	5869	5869	5869	5869	5869	5869	5869	5869	5869	5869
G 15.0	5680	5680	5686	5691	5695	5698	5695	5691	5686	5680	5680	5680	5684	5684	5684	5684	5684	5684	5684	5684	5684	5684	5684	5684	5684
G 20.0	5467	5469	5477	5487	5494	5498	5494	5487	5477	5469	5469	5467	5472	5482	5482	5482	5482	5482	5482	5482	5482	5482	5482	5482	5482
G 25.0	5239	5238	5238	5247	5256	5260	5256	5247	5238	5238	5238	5239	5240	5246	5246	5246	5246	5246	5246	5246	5246	5246	5246	5246	5246
G 30.0	4994	4989	4976	4973	4975	4979	4975	4973	4976	4989	4994	4986	4979	4979	4979	4979	4979	4979	4979	4979	4979	4979	4979	4979	4979
G 35.0	4717	4711	4693	4677	4672	4670	4672	4677	4693	4711	4717	4706	4689	4689	4689	4689	4689	4689	4689	4689	4689	4689	4689	4689	4689
G 40.0	4379	4373	4359	4341	4329	4323	4329	4341	4359	4373	4379	4372	4355	4355	4355	4355	4355	4355	4355	4355	4355	4355	4355	4355	4355
G 45.0	3915	3910	3892	3878	3875	3875	3875	3878	3892	3910	3915	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909	3909
G 50.0	3025	3021	3204	3323	3350	3327	3350	3323	3204	3021	3025	3217	3339	3339	3339	3339	3339	3339	3339	3339	3339	3339	3339	3339	3339
G 55.0	2131	2170	2493	2787	2855	2715	2855	2787	2493	2170	2131	2413	2751	2751	2751	2751	2751	2751	2751	2751	2751	2751	2751	2751	2751
G 60.0	1790	1789	1860	2159	2307	2181	2307	2159	1860	1789	1790	1871	2195	2195	2195	2195	2195	2195	2195	2195	2195	2195	2195	2195	2195
G 65.0	1593	1565	1470	1702	1878	1820	1878	1702	1470	1565	1593	1531	1742	1742	1742	1742	1742	1742	1742	1742	1742	1742	1742	1742	1742
G 70.0	1385	1373	1342	1481	1552	1468	1552	1481	1342	1373	1385	1375	1468	1468	1468	1468	1468	1468	1468	1468	1468	1468	1468	1468	1468
G 75.0	1173	1169	1165	1213	1229	1187	1229	1213	1165	1169	1173	1182	1213	1213	1213	1213	1213	1213	1213	1213	1213	1213	1213	1213	1213
G 80.0	998	997	980	968	969	980	969	968	980	997	998	987	985	985	985	985	985	985	985	985	985	985	985	985	985
G 85.0	606	608	656	633	597	585	597	633	656	608	606	656	646	646	646	646	646	646	646	646	646	646	646	646	646
G 90.0	167	170	208	179	183	260	183	179	208	170	167	208	194	194	194	194	194	194	194	194	194	194	194	194	194

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Source Flux	6480 lm	Maximum value	255.70 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	6144	6144	6144	6144	6144	6144	6144	6144	6144	6144
G 5.0	6025	6029	6025	6023	6022	6023	6024	6024	6025	6026
G 10.0	5870	5874	5870	5869	5869	5869	5868	5867	5870	5873
G 15.0	5686	5693	5686	5684	5684	5680	5680	5686	5691	5695
G 20.0	5490	5496	5490	5482	5472	5467	5469	5477	5487	5494
G 25.0	5255	5267	5255	5246	5240	5239	5238	5238	5247	5256
G 30.0	4982	4994	4982	4979	4986	4994	4989	4976	4973	4975
G 35.0	4683	4683	4683	4689	4706	4717	4711	4693	4677	4672
G 40.0	4347	4345	4347	4355	4372	4379	4373	4359	4341	4329
G 45.0	3908	3904	3908	3909	3909	3915	3910	3892	3878	3875
G 50.0	3361	3327	3361	3339	3217	3025	3021	3204	3323	3350
G 55.0	2876	2768	2876	2751	2413	2131	2170	2493	2787	2855
G 60.0	2348	2199	2348	2195	1871	1790	1789	1860	2159	2307
G 65.0	1868	1755	1868	1742	1531	1593	1565	1470	1702	1878
G 70.0	1531	1505	1531	1468	1375	1385	1373	1342	1481	1552
G 75.0	1228	1214	1228	1213	1182	1173	1169	1165	1213	1229
G 80.0	989	993	989	985	987	998	997	980	968	969
G 85.0	615	594	615	646	656	606	608	656	633	597
G 90.0	180	195	180	194	208	167	170	208	179	183