

Luminaire

Code 90482L150-50

Name TTP 50 LINE L1460 TOP 830 END HO

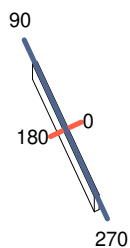
Measurem.

Code 4/7/2023

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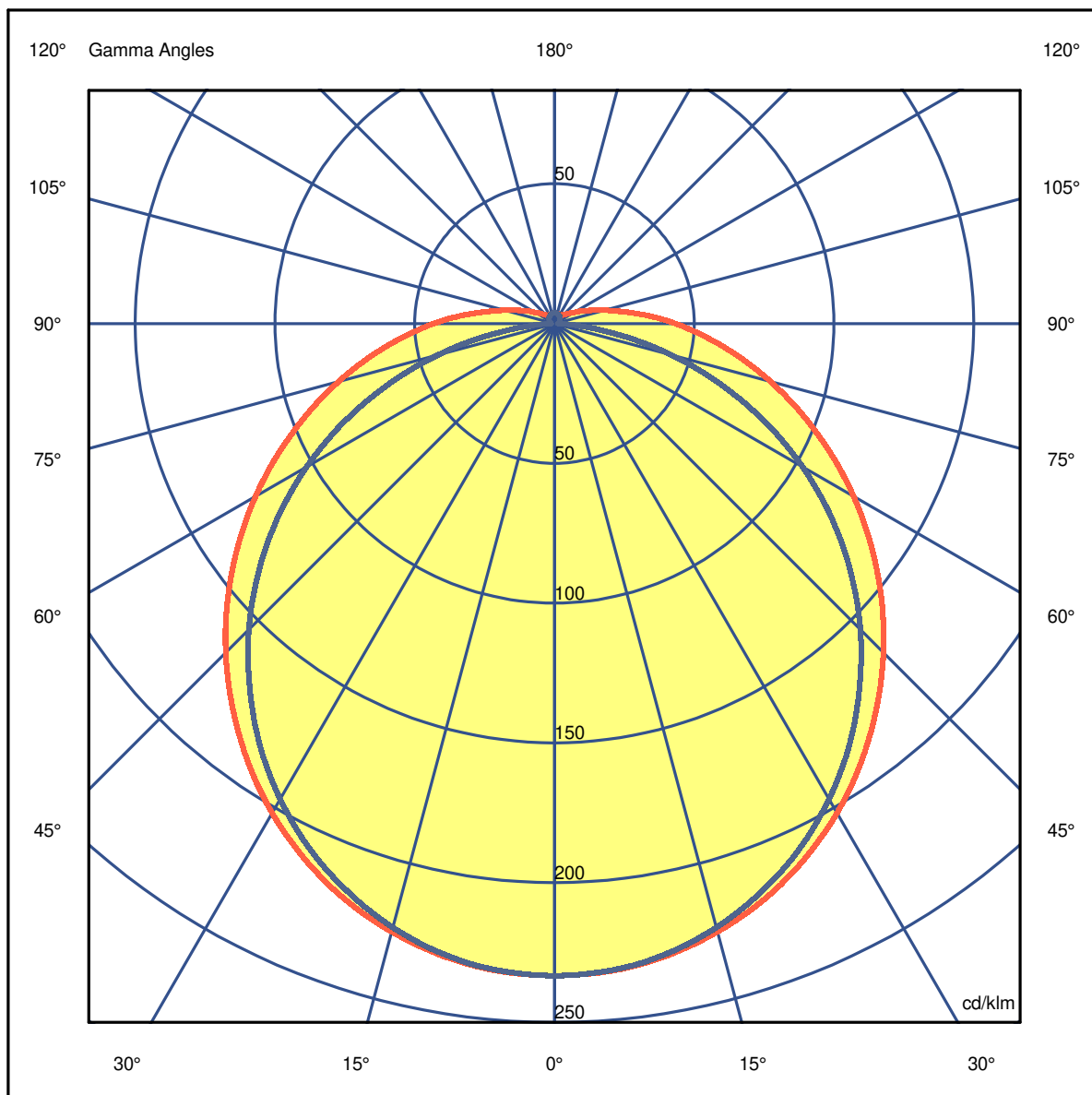
Luminaire Flux	8152 lm	Luminaire Power	62.9 W	Efficacy	129.623 lm/W	Efficiency	78.65%
Source Flux	10365 lm	Maximum value	233.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1460mm x 50mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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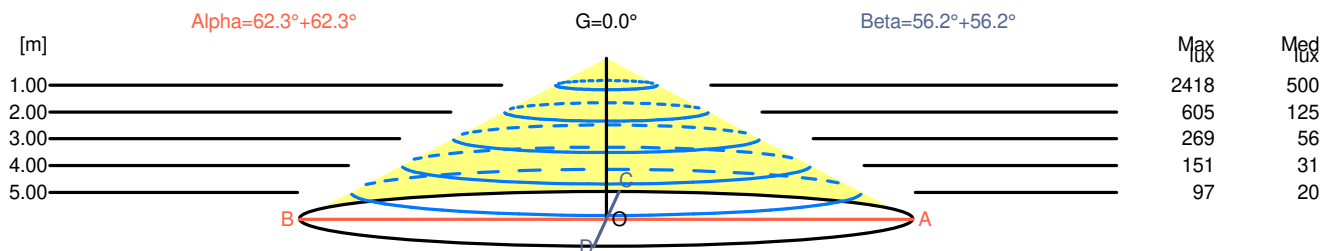
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Width at 50.00 % of Max Intensity

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	1.91	3.81	5.72	7.62	9.53	OC	1.49	2.98	4.48	5.97	7.46
OB	1.91	3.81	5.72	7.62	9.53	OD	1.49	2.98	4.48	5.97	7.46

	0	5	15	25	35	45	55	65	75	85
OA	2418.15	2408.83	2334.20	2191.16	1982.82	1724.74	1432.44	1125.64	829.20	562.82
OB	2418.15	2408.83	2334.20	2191.16	1982.82	1724.74	1432.44	1125.64	829.20	562.82
OC	2418.15	2406.75	2317.61	2148.66	1906.12	1603.47	1253.13	861.33	447.77	90.18
OD	2418.15	2406.75	2317.61	2148.66	1906.12	1603.47	1253.13	861.33	447.77	90.18



H[m]	D[m]	Max lux	Med lux	Alpha=62.3°+62.3°	G=0.0	
1.00	3.81	2418	500			
2.00	7.62	605	125			
3.00	11.44	269	56			
4.00	15.25	151	31			
5.00	19.06	97	20			

H[m]	D[m]	Max lux	Med lux	Beta=56.2°+56.2°	G=0.0	
1.00	2.98	2418	500			
2.00	5.97	605	125			
3.00	8.95	269	56			
4.00	11.94	151	31			
5.00	14.92	97	20			

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Luminaire Flux	8152 lm	Luminaire Power	62.9 W	Efficacy	129.623 lm/W	Efficiency	78.65%
Source Flux	10365 lm	Maximum value	233.30 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	21.7	23.0	22.1	23.3	23.7	22.5	23.9	22.9	24.2	24.6
x=2H y=3H	23.2	24.4	23.7	24.8	25.2	24.0	25.2	24.5	25.6	26.0
x=2H y=4H	24.0	25.1	24.4	25.5	25.9	24.6	25.7	25.0	26.1	26.5
x=2H y=6H	24.6	25.7	25.1	26.1	26.5	25.0	26.0	25.4	26.4	26.9
x=2H y=8H	24.9	25.9	25.4	26.3	26.8	25.1	26.1	25.5	26.5	27.0
x=2H y=12H	25.1	26.1	25.6	26.5	27.0	25.1	26.1	25.6	26.5	27.0
x=4H y=2H	22.3	23.4	22.7	23.8	24.2	23.0	24.1	23.4	24.5	24.9
x=4H y=3H	24.1	25.0	24.5	25.5	25.9	24.6	25.6	25.1	26.0	26.5
x=4H y=4H	24.9	25.8	25.4	26.3	26.8	25.3	26.2	25.8	26.6	27.1
x=4H y=6H	25.7	26.5	26.2	27.0	27.5	25.8	26.5	26.3	27.0	27.5
x=4H y=8H	26.1	26.8	26.6	27.3	27.9	25.9	26.6	26.4	27.1	27.7
x=4H y=12H	26.4	27.1	27.0	27.6	28.2	26.0	26.6	26.5	27.1	27.7
x=8H y=4H	25.2	25.9	25.7	26.4	27.0	25.5	26.2	26.1	26.7	27.3
x=8H y=6H	26.2	26.8	26.8	27.3	27.9	26.1	26.7	26.7	27.3	27.8
x=8H y=8H	26.7	27.2	27.2	27.7	28.3	26.3	26.8	26.9	27.4	28.0
x=8H y=12H	27.2	27.6	27.8	28.2	28.8	26.5	26.9	27.0	27.5	28.1
x=12H y=4H	25.2	25.9	25.8	26.4	27.0	25.5	26.2	26.1	26.7	27.3
x=12H y=6H	26.3	26.8	26.8	27.3	27.9	26.2	26.7	26.8	27.3	27.9
x=12H y=8H	26.8	27.3	27.4	27.8	28.5	26.5	26.9	27.0	27.5	28.1

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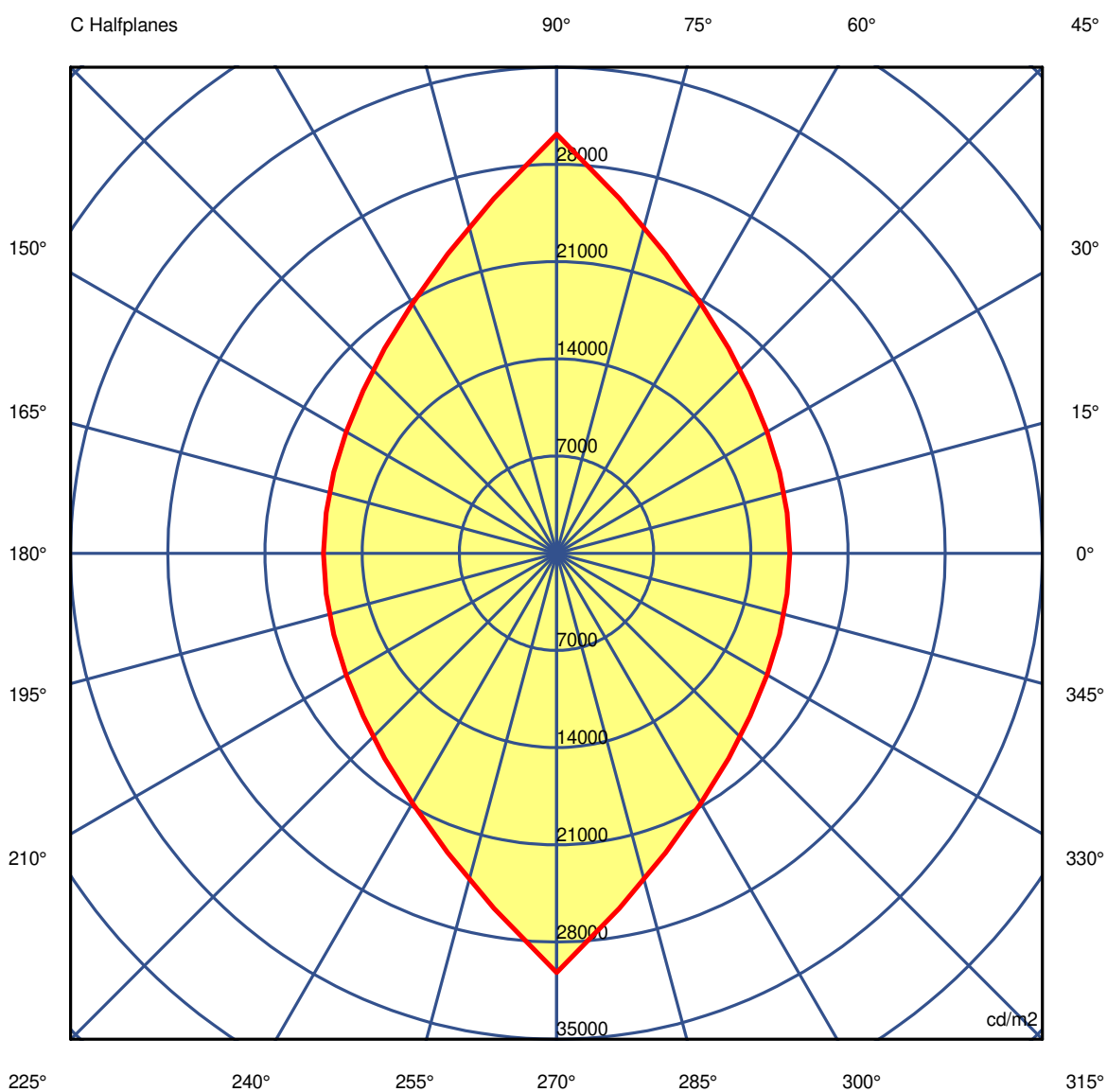
Measurem.

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Luminaire Flux	8152 lm	Luminaire Power	62.9 W	Efficacy	129.623 lm/W	Efficiency	78.65%
Source Flux	10365 lm	Maximum value	233.30 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Luminaire Flux		8152 lm		Luminaire Power		62.9 W		Efficacy		129.623 lm/W		Efficiency		78.65%	
Source Flux		10365 lm		Maximum value		233.30 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	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308
G 5.0	30627	30649	30747	30917	31148	31451	31817	32236	32695	33178	32695	32236	31817	31451	30917
G 10.0	28308	28347	28514	28800	29198	29727	30388	31161	32035	32998	32035	31161	30388	29727	29198
G 15.0	26252	26303	26515	26880	27413	28120	29005	30075	31326	32747	31326	30075	29005	28120	27413
G 20.0	24416	24454	24692	25121	25735	26566	27639	28967	30570	32456	30570	28967	27639	26566	25735
G 25.0	22711	22751	23003	23464	24141	25075	26300	27843	29783	32139	29783	27843	26300	25075	24141
G 30.0	21122	21162	21423	21901	22615	23620	24970	26714	28944	31746	28944	26714	24970	23620	22615
G 35.0	19610	19658	19919	20396	21130	22178	23607	25511	28025	31297	28025	25511	23607	22178	21130
G 40.0	18170	18217	18469	18935	19676	20740	22216	24255	27027	30757	27027	24255	22216	20740	19676
G 45.0	16799	16846	17074	17497	18209	19272	20787	22933	25954	30195	25954	22933	20787	19272	18209
G 50.0	15464	15479	15698	16112	16768	17774	19278	21487	24727	29507	24727	21487	19278	17774	16768
G 55.0	14167	14189	14373	14716	15309	16251	17698	19909	23326	28683	23326	19909	17698	16251	15309
G 60.0	12918	12909	13056	13341	13835	14659	15992	18129	21647	27593	21647	18129	15992	14659	13835
G 65.0	11667	11660	11770	11976	12363	13026	14154	16118	19634	26142	19634	16118	14154	13026	12363
G 70.0	10482	10448	10509	10622	10858	11325	12188	13789	17065	24063	17065	13789	12188	11325	10858
G 75.0	9326	9279	9297	9321	9406	9633	10134	11222	13973	21116	13973	11222	10134	9633	9406
G 80.0	8208	8154	8128	8059	7990	7966	8048	8446	10220	16646	10220	8446	8048	7966	7990
G 85.0	7156	7093	7018	6850	6643	6402	6106	5796	6199	10226	6199	5796	6106	6402	6643
G 90.0	6182	6090	5979	5754	5430	5004	4419	3583	2956	4975	2956	3583	4419	5004	5430

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Source Flux		10365 lm		Maximum value		233.30 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	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308
G 5.0	31451	31148	30917	30747	30649	30627	30649	30747	30917	31148	31451	31817	32236	32636	33036	33436	33836	34236	34636	35036	35436	35836	36236	36636	37036
G 10.0	29727	29198	28800	28514	28347	28308	28347	28514	28800	29198	29727	30388	31161	32005	32905	33805	34705	35605	36505	37405	38305	39205	40105	41005	41905
G 15.0	28120	27413	26880	26515	26303	26252	26303	26515	26880	27413	28120	29005	30075	31145	32215	33285	34355	35425	36495	37565	38635	39705	40775	41845	42915
G 20.0	26566	25735	25121	24692	24454	24416	24454	24692	25121	25735	26566	27639	28967	30497	32027	33557	35087	36617	38147	39677	41207	42737	44267	45797	47327
G 25.0	25075	24141	23464	23003	22751	22711	22751	23003	23464	24141	25075	26300	27843	29386	30929	32472	34015	35558	37101	38644	40187	41730	43273	44816	46359
G 30.0	23620	22615	21901	21423	21162	21122	21162	21423	21901	22615	23620	24970	26714	28458	30202	31946	33690	35434	37178	38922	40666	42410	44154	45898	47642
G 35.0	22178	21130	20396	19919	19658	19610	19658	19919	20396	21130	22178	23607	25511	27415	29319	31223	33127	35031	36935	38839	40743	42647	44551	46455	48359
G 40.0	20740	19676	18935	18469	18217	18170	18217	18469	18935	19676	20740	22216	24255	26294	28333	30372	32411	34450	36489	38528	40567	42606	44645	46684	48723
G 45.0	19272	18209	17497	17074	16846	16799	16846	17074	17497	18209	19272	20787	22933	25079	27225	29371	31517	33663	35809	37955	40101	42247	44393	46539	48685
G 50.0	17774	16768	16112	15698	15479	15464	15479	15698	16112	16768	17774	19278	21487	23696	25905	28114	30323	32532	34741	36950	39159	41368	43577	45786	47995
G 55.0	16251	15309	14716	14373	14189	14167	14189	14373	14716	15309	16251	17698	19909	22120	24331	26542	28753	30964	33175	35386	37597	39808	42019	44230	46441
G 60.0	14659	13835	13341	13056	12909	12918	12909	13056	13341	13835	14659	15992	18129	20266	22403	24540	26677	28814	30951	33088	35225	37362	39499	41636	43773
G 65.0	13026	12363	11976	11770	11660	11667	11660	11770	11976	12363	13026	14154	16118	18082	20046	22010	23974	25938	27902	29866	31830	33794	35758	37722	39686
G 70.0	11325	10858	10622	10509	10448	10482	10448	10509	10622	10858	11325	12188	13789	15390	16991	18592	20193	21794	23395	24996	26597	28198	29799	31400	33001
G 75.0	9633	9406	9321	9297	9279	9326	9279	9297	9321	9406	9633	10134	11222	12310	13398	14486	15574	16662	17750	18838	19926	21014	22102	23190	24278
G 80.0	7966	7990	8059	8128	8154	8208	8154	8128	8059	7990	7966	8048	8446	8844	9242	9640	10038	10436	10834	11232	11630	12028	12426	12824	13222
G 85.0	6402	6643	6850	7018	7093	7156	7093	7018	6850	6643	6402	6106	5796	5486	5176	4866	4556	4246	3936	3626	3316	3006	2696	2386	2076
G 90.0	5004	5430	5754	5979	6090	6182	6090	5979	5754	5430	5004	4419	3583	2747	1911	1075	249	166	83	0	0	0	0	0	0

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Source Flux	10365 lm	Maximum value	233.30 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
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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	33308	33308	33308	33308	33308	33308	33308	33308	33308	33308
G 5.0	32695	33178	32695	32236	31817	31451	31148	30917	30747	30649
G 10.0	32035	32998	32035	31161	30388	29727	29198	28800	28514	28347
G 15.0	31326	32747	31326	30075	29005	28120	27413	26880	26515	26303
G 20.0	30570	32456	30570	28967	27639	26566	25735	25121	24692	24454
G 25.0	29783	32139	29783	27843	26300	25075	24141	23464	23003	22751
G 30.0	28944	31746	28944	26714	24970	23620	22615	21901	21423	21162
G 35.0	28025	31297	28025	25511	23607	22178	21130	20396	19919	19658
G 40.0	27027	30757	27027	24255	22216	20740	19676	18935	18469	18217
G 45.0	25954	30195	25954	22933	20787	19272	18209	17497	17074	16846
G 50.0	24727	29507	24727	21487	19278	17774	16768	16112	15698	15479
G 55.0	23326	28683	23326	19909	17698	16251	15309	14716	14373	14189
G 60.0	21647	27593	21647	18129	15992	14659	13835	13341	13056	12909
G 65.0	19634	26142	19634	16118	14154	13026	12363	11976	11770	11660
G 70.0	17065	24063	17065	13789	12188	11325	10858	10622	10509	10448
G 75.0	13973	21116	13973	11222	10134	9633	9406	9321	9297	9279
G 80.0	10220	16646	10220	8446	8048	7966	7990	8059	8128	8154
G 85.0	6199	10226	6199	5796	6106	6402	6643	6850	7018	7093
G 90.0	2956	4975	2956	3583	4419	5004	5430	5754	5979	6090