

Luminaire

Code 90486L150-50

Name TTP 70 LINE L1460 TOP 830 END HO

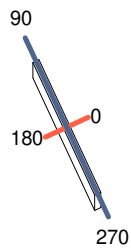
Measurem.

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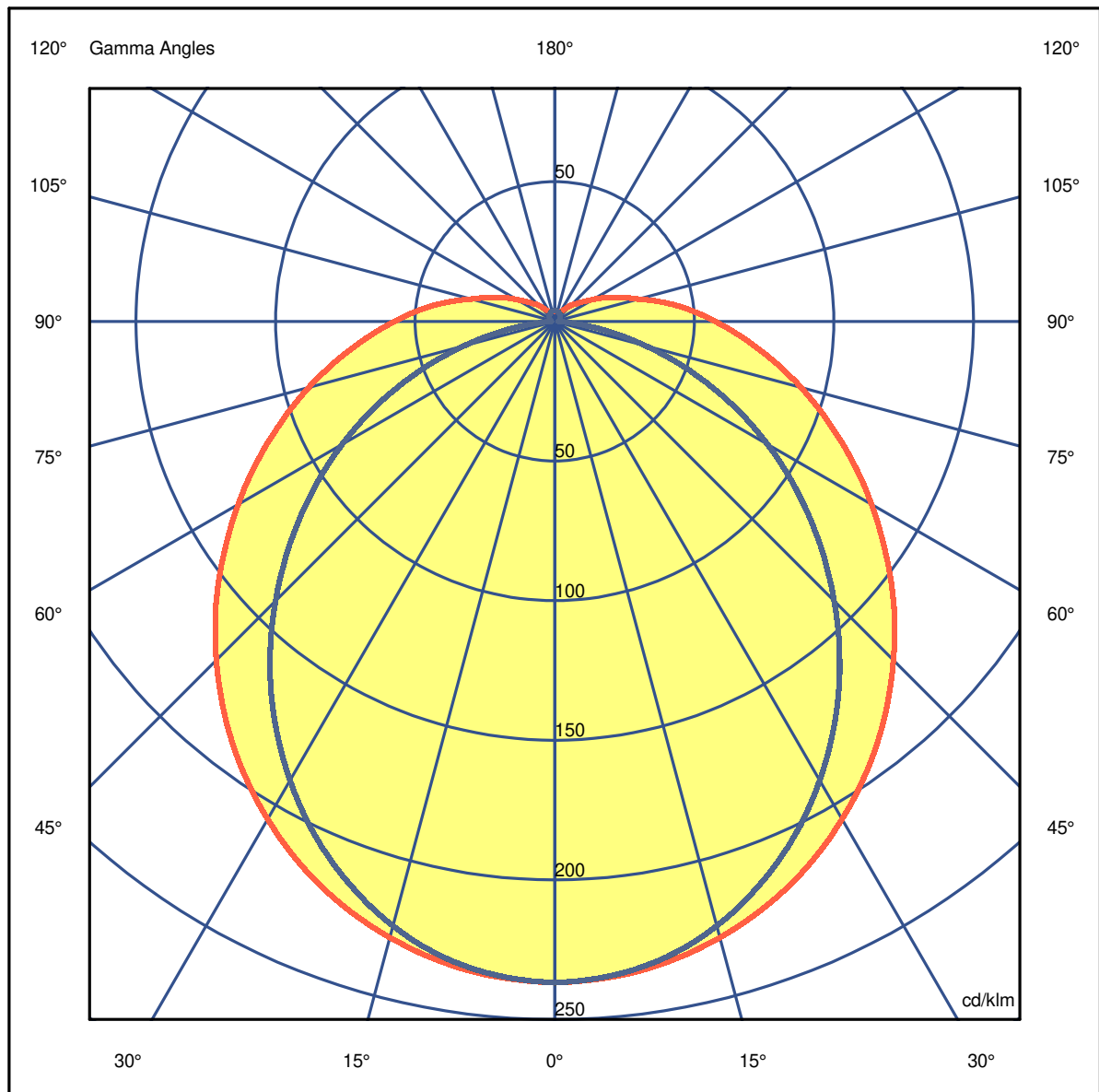
Luminaire Flux	8423 lm	Luminaire Power	62.9 W	Efficacy	133.934 lm/W	Efficiency	81.26%
Source Flux	10365 lm	Maximum value	236.80 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

1460mm x 70mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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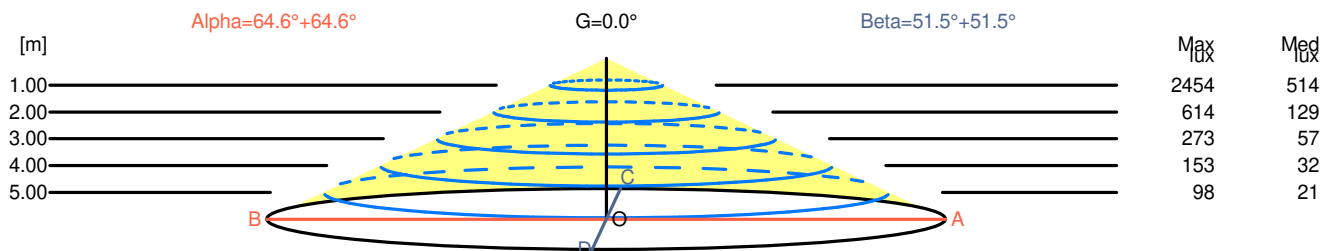
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Width at 50.00 % of Max Intensity

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	2.11	4.22	6.33	8.44	10.55	OC	1.26	2.52	3.78	5.04	6.30
OB	2.11	4.22	6.33	8.44	10.55	OD	1.26	2.52	3.78	5.04	6.30

	0	5	15	25	35	45	55	65	75	85
OA	2454.43	2441.99	2367.37	2227.44	2026.36	1777.60	1499.82	1216.85	946.32	701.71
OB	2454.43	2441.99	2367.37	2227.44	2026.36	1777.60	1499.82	1216.85	946.32	701.71
OC	2454.43	2436.81	2322.80	2106.17	1812.84	1466.65	1098.69	722.44	350.34	60.12
OD	2454.43	2436.81	2322.80	2106.17	1812.84	1466.65	1098.69	722.44	350.34	60.12



H[m]	D[m]	Max lux	Med lux	Alpha=64.6°+64.6°	G=0.0	
1.00	4.22	2454	514			
2.00	8.44	614	129			
3.00	12.65	273	57			
4.00	16.87	153	32			
5.00	21.09	98	21			

H[m]	D[m]	Max lux	Med lux	Beta=51.5°+51.5°	G=0.0	
1.00	2.52	2454	514			
2.00	5.04	614	129			
3.00	7.56	273	57			
4.00	10.07	153	32			
5.00	12.59	98	21			

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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	20.6	21.8	21.0	22.2	22.6	20.5	21.8	20.9	22.1	22.5
x=2H y=3H	22.3	23.4	22.7	23.8	24.3	21.8	22.9	22.2	23.3	23.8
x=2H y=4H	23.1	24.2	23.6	24.6	25.1	22.2	23.3	22.7	23.8	24.2
x=2H y=6H	23.8	24.9	24.3	25.3	25.8	22.5	23.5	23.0	24.0	24.5
x=2H y=8H	24.2	25.2	24.7	25.7	26.2	22.6	23.6	23.1	24.1	24.6
x=2H y=12H	24.5	25.5	25.0	26.0	26.5	22.6	23.5	23.1	24.0	24.6
x=4H y=2H	21.1	22.2	21.6	22.6	23.1	21.0	22.1	21.5	22.6	23.0
x=4H y=3H	23.0	24.0	23.5	24.5	25.0	22.5	23.4	23.0	23.9	24.5
x=4H y=4H	24.0	24.9	24.5	25.4	25.9	23.1	23.9	23.6	24.5	25.0
x=4H y=6H	25.0	25.7	25.5	26.2	26.8	23.5	24.2	24.0	24.8	25.3
x=4H y=8H	25.4	26.1	26.0	26.6	27.3	23.6	24.3	24.2	24.8	25.5
x=4H y=12H	25.8	26.5	26.4	27.0	27.6	23.6	24.3	24.2	24.8	25.5
x=8H y=4H	24.3	25.0	24.8	25.5	26.1	23.5	24.2	24.0	24.7	25.3
x=8H y=6H	25.4	26.0	26.0	26.6	27.2	24.0	24.6	24.6	25.2	25.8
x=8H y=8H	26.0	26.5	26.6	27.1	27.8	24.2	24.8	24.8	25.3	26.0
x=8H y=12H	26.6	27.1	27.2	27.7	28.4	24.4	24.8	25.0	25.4	26.1
x=12H y=4H	24.3	24.9	24.9	25.5	26.1	23.5	24.1	24.1	24.7	25.3
x=12H y=6H	25.5	26.0	26.1	26.6	27.3	24.2	24.7	24.8	25.3	26.0
x=12H y=8H	26.2	26.6	26.8	27.2	27.9	24.5	24.9	25.1	25.5	26.2

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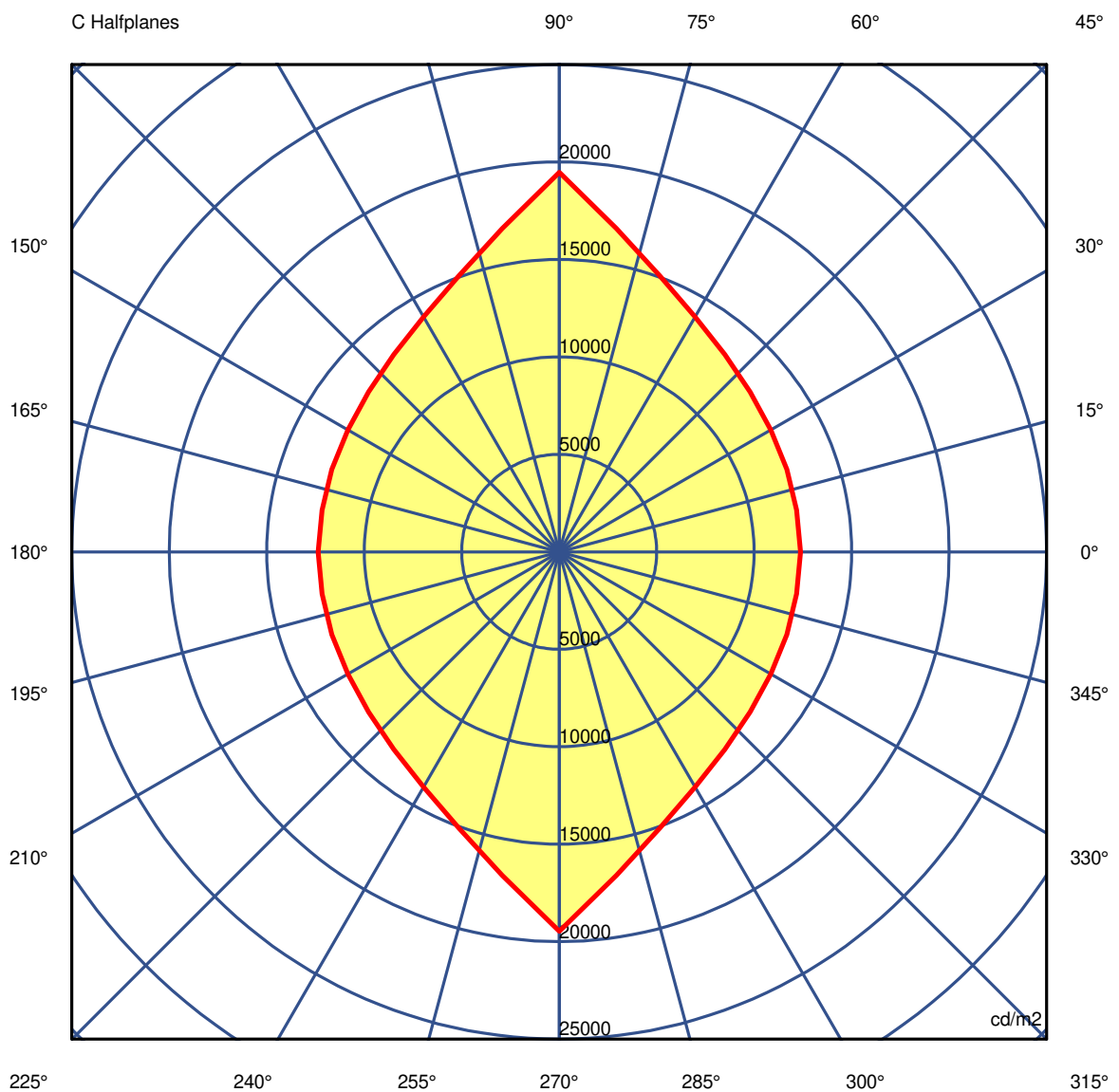
Measurem.

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Luminaire Flux	8423 lm	Luminaire Power	62.9 W	Efficacy	133.934 lm/W	Efficiency	81.26%
Source Flux	10365 lm	Maximum value	236.80 cd/klm	Position	C=0.00 G=0.00	CG Double Symmetrical	

Luminance



45.0°

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Luminaire Flux		8423 lm		Luminaire Power		62.9 W		Efficacy		133.934 lm/W		Efficiency		81.26%												
Source Flux		10365 lm		Maximum value		236.80 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	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148
G 5.0	22177	22217	22273	22366	22548	22770	23017	23317	23641	23965	23641	23317	23017	22770	22548	22366	22273	22217	22177	22148	22148	22148	22148	22148	22148	22148
G 10.0	20502	20541	20645	20818	21086	21449	21901	22432	23041	23719	23041	22432	21901	21449	21086	20818	20645	20541	20502	20473	20473	20473	20473	20473	20473	20473
G 15.0	19018	19066	19192	19401	19737	20192	20771	21493	22360	23358	22360	21493	20771	20192	19737	19401	19192	19066	19018	18989	18989	18989	18989	18989	18989	18989
G 20.0	17703	17719	17850	18074	18462	18982	19643	20512	21597	22887	21597	20512	19643	18982	18462	18074	17850	17719	17703	17674	17674	17674	17674	17674	17674	17674
G 25.0	16491	16508	16629	16857	17241	17784	18513	19494	20771	22361	20771	19494	18513	17784	17241	16857	16629	16508	16491	16462	16462	16462	16462	16462	16462	16462
G 30.0	15364	15379	15489	15696	16066	16622	17392	18433	19860	21744	19860	18433	17392	16622	16066	15696	15489	15379	15364	15335	15335	15335	15335	15335	15335	15335
G 35.0	14315	14302	14399	14594	14934	15457	16228	17346	18928	21063	18928	17346	16228	15457	14934	14594	14399	14302	14315	14286	14286	14286	14286	14286	14286	14286
G 40.0	13319	13310	13383	13526	13823	14320	15082	16222	17915	20318	17915	16222	15082	14320	13823	13526	13383	13310	13319	13290	13290	13290	13290	13290	13290	13290
G 45.0	12367	12360	12411	12513	12772	13219	13928	15071	16847	19468	16847	15071	13928	13219	12772	12513	12411	12367	12367	12338	12338	12338	12338	12338	12338	12338
G 50.0	11473	11443	11468	11532	11735	12122	12774	13868	15697	18589	15697	13868	12774	12122	11735	11532	11468	11473	11473	11444	11444	11444	11444	11444	11444	11444
G 55.0	10595	10561	10571	10599	10736	11044	11608	12603	14445	17632	14445	12603	11608	11044	10736	10599	10571	10595	10595	10562	10562	10562	10562	10562	10562	10562
G 60.0	9780	9729	9718	9709	9781	10002	10470	11375	13185	16546	13185	11375	10470	10002	9781	9718	9729	9780	9780	9729	9729	9729	9729	9729	9729	9729
G 65.0	9009	8952	8919	8868	8877	8991	9298	10026	11723	15243	11723	10026	9298	8991	8877	8868	8919	9009	9009	8952	8952	8952	8952	8952	8952	8952
G 70.0	8275	8207	8158	8074	8018	8029	8160	8584	9989	13533	9989	8584	8160	8029	8074	8158	8207	8275	8275	8207	8207	8207	8207	8207	8207	8207
G 75.0	7602	7530	7462	7339	7212	7106	7041	7140	8103	11287	8103	7140	7041	7106	7212	7339	7530	7602	7602	7530	7530	7530	7530	7530	7530	7530
G 80.0	6954	6888	6807	6651	6483	6275	5985	5673	5974	8255	5974	5673	5985	6275	6483	6651	6807	6954	6954	6888	6888	6888	6888	6888	6888	6888
G 85.0	6373	6294	6206	6031	5799	5493	5043	4376	3907	4375	3907	4376	5043	5493	5799	6031	6206	6373	6373	6294	6294	6294	6294	6294	6294	6294
G 90.0	5864	5789	5689	5488	5219	4842	4254	3347	2535	2538	2535	3347	4254	4842	5219	5488	5689	5864	5864	5789	5789	5789	5789	5789	5789	5789

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Luminaire Flux		8423 lm		Luminaire Power		62.9 W		Efficacy		133.934 lm/W		Efficiency		81.26%											
Source Flux		10365 lm		Maximum value		236.80 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	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148
G 5.0	22770	22548	22366	22273	22217	22177	22217	22273	22366	22548	22770	23017	23317	23617	23917	24217	24517	24817	25117	25417	25717	26017	26317	26617	26917
G 10.0	21449	21086	20818	20645	20541	20502	20541	20645	20818	21086	21449	21901	22432	22963	23494	24025	24556	25087	25618	26149	26680	27211	27742	28273	28804
G 15.0	20192	19737	19401	19192	19066	19018	19066	19192	19401	19737	20192	20723	21254	21785	22316	22847	23378	23909	24440	24971	25502	26033	26564	27095	27626
G 20.0	18982	18462	18074	17850	17719	17703	17719	17850	18074	18462	18982	19643	20304	20965	21626	22287	22948	23609	24270	24931	25592	26253	26914	27575	28236
G 25.0	17784	17241	16857	16629	16508	16491	16508	16629	16857	17241	17784	18513	19494	20475	21456	22437	23418	24399	25380	26361	27342	28323	29304	30285	31266
G 30.0	16622	16066	15696	15489	15379	15364	15379	15489	15696	16066	16622	17392	18433	19474	20515	21556	22597	23638	24679	25720	26761	27802	28843	29884	30925
G 35.0	15457	14934	14594	14399	14302	14315	14302	14399	14594	14934	15457	16228	17346	18464	19582	20700	21818	22936	24054	25172	26290	27408	28526	29644	30762
G 40.0	14320	13823	13526	13383	13310	13319	13310	13383	13526	13823	14320	15082	16222	17362	18502	19642	20782	21922	23062	24202	25342	26482	27622	28762	29902
G 45.0	13219	12772	12513	12411	12360	12367	12360	12411	12513	12772	13219	13928	15071	16214	17357	18500	19643	20786	21929	23072	24215	25358	26501	27644	28787
G 50.0	12122	11735	11532	11468	11443	11473	11443	11468	11532	11735	12122	12774	13868	14962	16056	17150	18244	19338	20432	21526	22620	23714	24808	25902	27000
G 55.0	11044	10736	10599	10571	10561	10595	10561	10571	10599	10736	11044	11608	12603	13697	14791	15885	16979	18073	19167	20261	21355	22449	23543	24637	25731
G 60.0	10002	9781	9709	9718	9729	9780	9729	9718	9709	9781	10002	10470	11375	12470	13565	14660	15755	16850	17945	19040	20135	21230	22325	23420	24515
G 65.0	8991	8877	8868	8919	8952	9009	8952	8919	8868	8877	8991	9298	10026	10931	11936	12941	13946	14951	15956	16961	17966	18971	19976	20981	21986
G 70.0	8029	8018	8074	8158	8207	8275	8207	8158	8074	8018	8029	8160	8584	9109	9634	10159	10684	11209	11734	12259	12784	13309	13834	14359	14884
G 75.0	7106	7212	7339	7462	7530	7602	7530	7462	7339	7212	7106	7041	7140	7339	7538	7737	7936	8135	8334	8533	8732	8931	9130	9329	9528
G 80.0	6275	6483	6651	6807	6888	6954	6888	6807	6651	6483	6275	5985	5673	5361	5049	4737	4425	4113	3801	3489	3177	2865	2553	2241	1929
G 85.0	5493	5799	6031	6206	6294	6373	6294	6206	6031	5799	5493	5043	4376	3709	3042	2375	1708	1041	374	-293	-660	-987	-1314	-1641	-1968
G 90.0	4842	5219	5488	5689	5789	5864	5789	5689	5488	5219	4842	4254	3347	2240	1133	26	-281	-562	-843	-1124	-1405	-1686	-1967	-2248	-2529

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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	24148	24148	24148	24148	24148	24148	24148	24148	24148	24148
G 5.0	23641	23965	23641	23317	23017	22770	22548	22366	22273	22217
G 10.0	23041	23719	23041	22432	21901	21449	21086	20818	20645	20541
G 15.0	22360	23358	22360	21493	20771	20192	19737	19401	19192	19066
G 20.0	21597	22887	21597	20512	19643	18982	18462	18074	17850	17719
G 25.0	20771	22361	20771	19494	18513	17784	17241	16857	16629	16508
G 30.0	19860	21744	19860	18433	17392	16622	16066	15696	15489	15379
G 35.0	18928	21063	18928	17346	16228	15457	14934	14594	14399	14302
G 40.0	17915	20318	17915	16222	15082	14320	13823	13526	13383	13310
G 45.0	16847	19468	16847	15071	13928	13219	12772	12513	12411	12360
G 50.0	15697	18589	15697	13868	12774	12122	11735	11532	11468	11443
G 55.0	14445	17632	14445	12603	11608	11044	10736	10599	10571	10561
G 60.0	13185	16546	13185	11375	10470	10002	9781	9709	9718	9729
G 65.0	11723	15243	11723	10026	9298	8991	8877	8868	8919	8952
G 70.0	9989	13533	9989	8584	8160	8029	8018	8074	8158	8207
G 75.0	8103	11287	8103	7140	7041	7106	7212	7339	7462	7530
G 80.0	5974	8255	5974	5673	5985	6275	6483	6651	6807	6888
G 85.0	3907	4375	3907	4376	5043	5493	5799	6031	6206	6294
G 90.0	2535	2538	2535	3347	4254	4842	5219	5488	5689	5789