

Luminaire

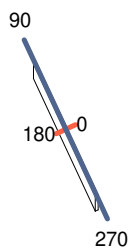
Code 90770L010
Name PAS L2871 SYM K3 830 LO

Measurem.

Code 13/7/2023
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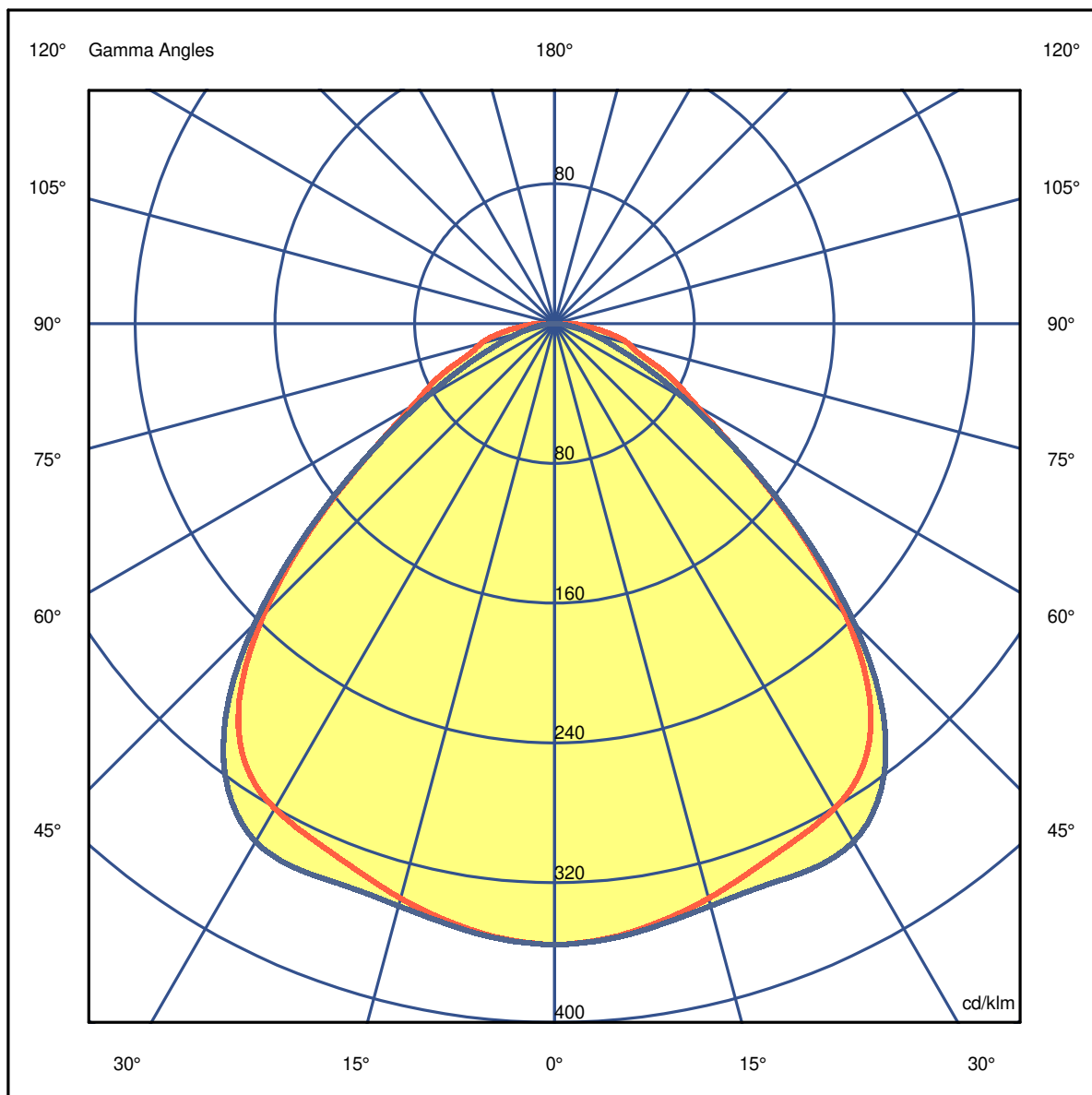
Luminaire Flux	15171 lm	Luminaire Power	100.2 W	Efficacy	151.343 lm/W	Efficiency	92.05%
Source Flux	16480 lm	Maximum value	355.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

2871mm x 62mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



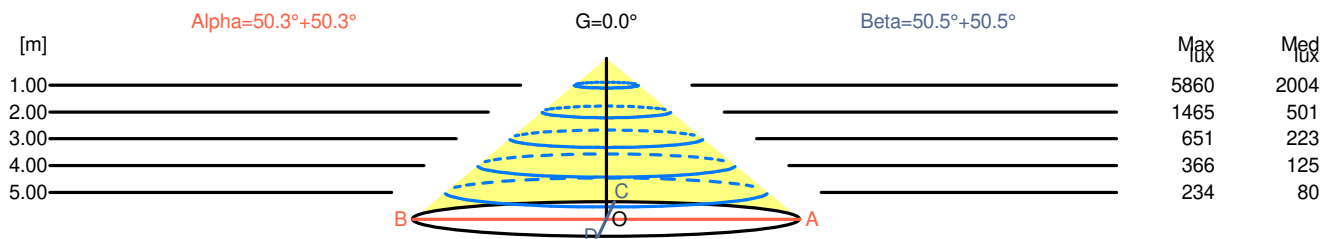
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Luminaire Flux	15171 lm	Luminaire Power	100.2 W	Efficacy	151.343 lm/W	Efficiency	92.05%
Source Flux	16480 lm	Maximum value	355.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.20	2.41	3.61	4.81	6.02	OC	1.21	2.43	3.64	4.85	6.06
OB	1.20	2.41	3.61	4.81	6.02	OD	1.21	2.43	3.64	4.85	6.06

	0	5	15	25	35	45	55	65	75	85
OA	5860.29	5819.09	5611.44	5375.78	5080.78	3877.74	2114.38	1219.52	716.88	313.12
OB	5860.29	5819.09	5611.44	5375.78	5080.78	3877.74	2114.38	1219.52	716.88	313.12
OC	5860.29	5827.33	5687.25	5685.60	5369.18	4004.64	2119.33	909.70	349.38	87.34
OD	5860.29	5827.33	5687.25	5685.60	5369.18	4004.64	2119.33	909.70	349.38	87.34



H[m]	D[m]	Max lux	Med lux	Alpha=50.3°+50.3°	G=0.0	
1.00	2.41	5860	2004			
2.00	4.81	1465	501			
3.00	7.22	651	223			
4.00	9.63	366	125			
5.00	12.04	234	80			

H[m]	D[m]	Max lux	Med lux	Beta=50.5°+50.5°	G=0.0	
1.00	2.43	5860	2004			
2.00	4.85	1465	501			
3.00	7.28	651	223			
4.00	9.70	366	125			
5.00	12.13	234	80			

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Luminaire Flux	15171 lm	Luminaire Power	100.2 W	Efficacy	151.343 lm/W	Efficiency	92.05%
Source Flux	16480 lm	Maximum value	355.60 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	20.1	21.3	20.4	21.6	21.8	21.6	22.9	21.9	23.1	23.3
x=2H y=3H	20.6	21.7	20.9	22.0	22.2	22.1	23.1	22.4	23.4	23.6
x=2H y=4H	20.8	21.9	21.2	22.1	22.4	22.2	23.2	22.5	23.5	23.8
x=2H y=6H	21.0	22.0	21.4	22.3	22.6	22.2	23.2	22.6	23.5	23.8
x=2H y=8H	21.1	22.0	21.4	22.3	22.6	22.3	23.2	22.6	23.5	23.8
x=2H y=12H	21.1	22.0	21.5	22.3	22.6	22.2	23.1	22.6	23.4	23.8
x=4H y=2H	20.5	21.5	20.8	21.8	22.1	21.8	22.8	22.1	23.1	23.4
x=4H y=3H	21.1	22.0	21.5	22.3	22.7	22.3	23.2	22.7	23.5	23.8
x=4H y=4H	21.5	22.2	21.9	22.6	22.9	22.5	23.3	22.9	23.6	24.0
x=4H y=6H	21.8	22.4	22.2	22.8	23.2	22.6	23.3	23.1	23.7	24.1
x=4H y=8H	21.8	22.5	22.3	22.8	23.3	22.7	23.3	23.1	23.7	24.1
x=4H y=12H	21.9	22.5	22.4	22.9	23.3	22.7	23.2	23.1	23.7	24.1
x=8H y=4H	21.5	22.2	22.0	22.5	23.0	22.5	23.2	23.0	23.5	24.0
x=8H y=6H	21.9	22.4	22.4	22.9	23.3	22.7	23.2	23.2	23.7	24.1
x=8H y=8H	22.1	22.5	22.6	23.0	23.4	22.8	23.2	23.3	23.7	24.1
x=8H y=12H	22.2	22.6	22.7	23.0	23.5	22.8	23.2	23.3	23.6	24.1
x=12H y=4H	21.5	22.1	22.0	22.5	22.9	22.5	23.1	23.0	23.5	23.9
x=12H y=6H	21.9	22.4	22.4	22.8	23.3	22.7	23.2	23.2	23.6	24.1
x=12H y=8H	22.1	22.5	22.6	22.9	23.5	22.8	23.2	23.3	23.6	24.1

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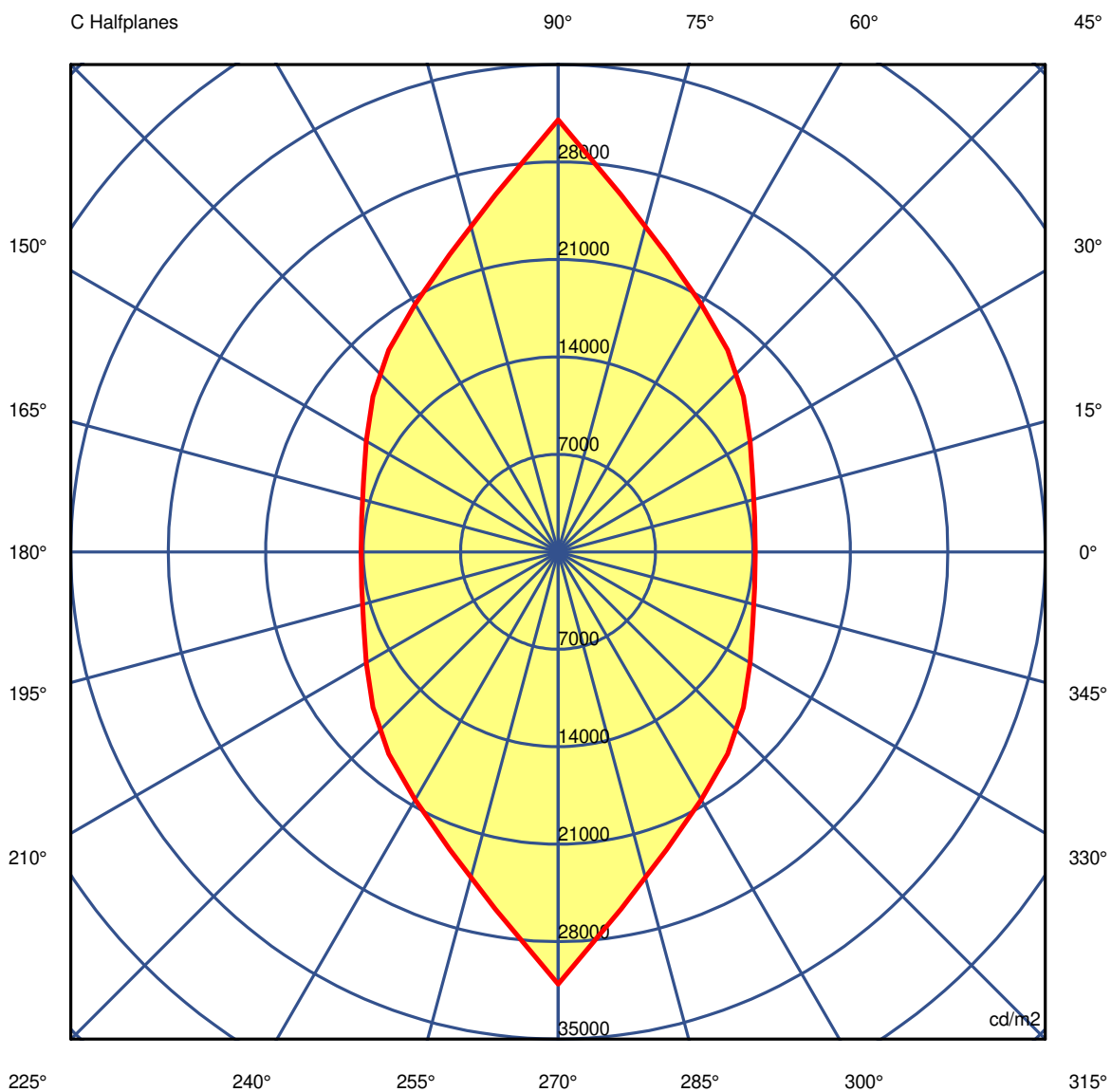
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Luminaire Flux	15171 lm	Luminaire Power	100.2 W	Efficacy	151.343 lm/W	Efficiency	92.05%
Source Flux	16480 lm	Maximum value	355.60 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical

Luminance



45.0°

Luminaire

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Luminaire Flux	15171 lm		Luminaire Power		100.2 W		Efficacy		151.343 lm/W		Efficiency		92.05%	
Source Flux	16480 lm		Maximum value		355.60 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	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934	
G 5.0	29762	29794	29914	30125	30409	30766	31189	31692	32237	32801	32237	31692	31189	
G 10.0	27062	27132	27340	27687	28175	28815	29605	30525	31561	32703	31561	30525	29605	
G 15.0	24818	24895	25161	25626	26302	27195	28304	29619	31139	32865	31139	29619	28304	
G 20.0	22940	23036	23374	23971	24835	26000	27464	29194	31201	33525	31201	29194	27464	
G 25.0	21519	21629	22010	22736	23810	25271	27107	29266	31807	34842	31807	29266	27107	
G 30.0	20398	20497	20884	21636	22781	24399	26518	29108	32234	36077	32234	29108	26518	
G 35.0	19106	19188	19583	20350	21550	23212	25382	28147	31656	36191	31656	28147	25382	
G 40.0	17071	17193	17662	18560	19911	21551	23509	26112	29697	34660	29697	26112	23509	
G 45.0	14154	14332	14885	15912	17382	18942	20565	22758	26051	31038	26051	22758	20565	
G 50.0	10846	11034	11607	12642	14025	15361	16594	18237	20998	25662	20998	18237	16594	
G 55.0	7726	8008	8552	9429	10582	11563	12359	13654	15979	20037	15979	13654	12359	
G 60.0	5704	5818	6193	6863	7703	8419	9001	9903	11692	15204	11692	9903	9001	
G 65.0	4601	4664	4877	5305	5841	6245	6528	7120	8492	11471	8492	7120	6528	
G 70.0	3383	3444	3643	3939	4204	4446	4722	5162	6192	8757	6192	5162	4722	
G 75.0	2886	2899	2984	3023	2868	2904	3306	3809	4678	6928	4678	3809	3306	
G 80.0	2195	2213	2288	2365	2346	2234	2163	2417	3174	5500	3174	2417	2163	
G 85.0	1396	1380	1388	1436	1536	1520	1398	1520	2038	4363	2038	1520	1398	
G 90.0	842	841	841	843	869	886	880	892	1024	4005	1024	892	880	

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Luminaire Flux		15171 lm		Luminaire Power		100.2 W		Efficacy		151.343 lm/W		Efficiency		92.05%											
Source Flux		16480 lm		Maximum value		355.60 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	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934
G 5.0	30766	30409	30125	29914	29794	29762	29794	29914	30125	30409	30766	31189	31692	32195	32698	33199	33699	34199	34699	35199	35699	36199	36699	37199	37699
G 10.0	28815	28175	27687	27340	27132	27062	27132	27340	27687	28175	28815	29605	30525	31445	32365	33285	34205	35125	36045	36965	37885	38805	39725	40645	41565
G 15.0	27195	26302	25626	25161	24895	24818	24895	25161	25626	26302	27195	28304	29619	30934	32249	33564	34879	36194	37509	38824	40139	41454	42769	44084	45399
G 20.0	26000	24835	23971	23374	23036	22940	23036	23374	23971	24835	26000	27464	29194	31189	33434	35939	38694	41699	44954	48459	52214	56219	60474	64979	69734
G 25.0	25271	23810	22736	22010	21629	21519	21629	22010	22736	23810	25271	27107	29266	31661	34396	37471	40896	44671	48806	53301	58076	63131	68476	74121	79976
G 30.0	24399	22781	21636	20884	20497	20398	20497	20884	21636	22781	24399	26518	29108	32053	35348	39003	43028	47423	52198	57253	62598	68223	74148	80273	86603
G 35.0	23212	21550	20350	19583	19188	19106	19188	19583	20350	21550	23212	25382	28147	31402	35057	39112	43567	48422	53577	59032	64787	70842	77197	83852	90707
G 40.0	21551	19911	18560	17662	17193	17071	17193	17662	18560	19911	21551	23509	26112	29266	32871	36826	41131	45786	50691	55846	61251	66906	72811	78966	85371
G 45.0	18942	17382	15912	14885	14332	14154	14332	14885	15912	17382	18942	20565	22758	25512	28727	32302	36227	40502	45127	49992	55107	60472	66087	71952	78067
G 50.0	15361	14025	12642	11607	11034	10846	11034	11607	12642	14025	15361	16594	18237	20281	22726	25571	28816	32461	36506	40951	45796	50941	56386	62131	68176
G 55.0	11563	10582	9429	8552	8008	7726	8008	8552	9429	10582	11563	12359	13654	15399	17594	19939	22534	25479	28774	32419	36414	40759	45454	50499	55894
G 60.0	8419	7703	6863	6193	5818	5704	5818	6193	6863	7703	8419	9001	9903	11198	12793	14638	16733	19178	21973	25118	28613	32458	36653	41198	46093
G 65.0	6245	5841	5305	4877	4664	4601	4664	4877	5305	5841	6245	6528	7120	7925	8950	10295	11950	13905	16160	18715	21570	24725	28180	31935	35990
G 70.0	4446	4204	3939	3643	3444	3383	3444	3643	3939	4204	4446	4722	5162	5747	6467	7322	8317	9452	10727	12242	14007	16032	18327	20902	23757
G 75.0	2904	2868	3023	2984	2899	2886	2899	2984	3023	2868	2904	3306	3809	4412	5125	5948	6891	7964	9167	10500	12073	13896	15969	18302	20895
G 80.0	2234	2346	2365	2288	2213	2195	2213	2288	2365	2346	2234	2163	2417	2792	3287	3902	4637	5492	6467	7572	8817	10202	11827	13602	15527
G 85.0	1520	1536	1436	1388	1380	1396	1380	1388	1436	1536	1520	1398	1520	1722	1957	2227	2532	2872	3247	3657	4102	4582	5097	5647	6232
G 90.0	886	869	843	841	841	842	841	841	843	869	886	880	892	922	957	997	1042	1092	1147	1207	1272	1342	1417	1497	1582

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Source Flux	16480 lm	Maximum value	355.60 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	32934	32934	32934	32934	32934	32934	32934	32934	32934	32934
G 5.0	32237	32801	32237	31692	31189	30766	30409	30125	29914	29794
G 10.0	31561	32703	31561	30525	29605	28815	28175	27687	27340	27132
G 15.0	31139	32865	31139	29619	28304	27195	26302	25626	25161	24895
G 20.0	31201	33525	31201	29194	27464	26000	24835	23971	23374	23036
G 25.0	31807	34842	31807	29266	27107	25271	23810	22736	22010	21629
G 30.0	32234	36077	32234	29108	26518	24399	22781	21636	20884	20497
G 35.0	31656	36191	31656	28147	25382	23212	21550	20350	19583	19188
G 40.0	29697	34660	29697	26112	23509	21551	19911	18560	17662	17193
G 45.0	26051	31038	26051	22758	20565	18942	17382	15912	14885	14332
G 50.0	20998	25662	20998	18237	16594	15361	14025	12642	11607	11034
G 55.0	15979	20037	15979	13654	12359	11563	10582	9429	8552	8008
G 60.0	11692	15204	11692	9903	9001	8419	7703	6863	6193	5818
G 65.0	8492	11471	8492	7120	6528	6245	5841	5305	4877	4664
G 70.0	6192	8757	6192	5162	4722	4446	4204	3939	3643	3444
G 75.0	4678	6928	4678	3809	3306	2904	2868	3023	2984	2899
G 80.0	3174	5500	3174	2417	2163	2234	2346	2365	2288	2213
G 85.0	2038	4363	2038	1520	1398	1520	1536	1436	1388	1380
G 90.0	1024	4005	1024	892	880	886	869	843	841	841