

# Harvatek Surface Mount Chip LED Data Sheet HT-T3212DND

Official Product	Product: HT-T3212DND			Data Sheet No.
Tentative Product	*******			HT-T3212DND
Specifications are subject to change without notice. Data and drawings herein are copyrighted.		June 25, 2013	Version of 1.0	Page 1/20



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#### **DISCLAIMER**

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- 1. Life support devices or systems are devices or systems which, (a) are intended for surgical implant into the body, or (b) support or sustain life, and (c) whose failure to perform when properly used in accordance with instructions for use provided in the labeling, can be reasonably expected to result in a significant injury of the user.
- 2. A critical component in any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.

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#### **Product Specifications**

	Specification	Material	Quantity
lv	82 – 121.55 lm		
	@150mA / Ta=25 <sup>o</sup> C, <u>+</u> 10%		
XY	Refer to page 6-8		
	@150mA / Ta=25 <sup>o</sup> C, <u>+</u> 0.005		
Vf	7.0V max		
	@150mA / Ta=25°C, <u>+</u> 0.05 V		
Ir	< 100 μA @ V <sub>R</sub> = 5 V		
Resin	Yellow	Silicone Resin	
Carrier tape	Per EIA 481-1A specs	Conductive black tape	2000pcs per reel
Reel	Per EIA 481-1A specs	Conductive black	
Label	HT standard	Paper	
Packing bag	220x240mm	Aluminum laminated bag/ no-zipper	One reel per bag
Carton	HT standard	Paper	

#### Others:

Each immediate box consists of 5 reels. The 5 reels may not necessarily have the same lot number or the same bin combinations of Iv,  $\lambda_D$  and Vf. Each reel has a label identifying its specification; the immediate box consists of a product label as well.

## ATTENTION: Electrostatic Discharge (ESD) protection



The symbol to the left denotes that ESD precaution is needed. ESD protection for GaP and AlGaAs based chips is necessary even though they are relatively safe in the presence of low static-electric discharge. Parts built with AlInGaP, GaN, or/and

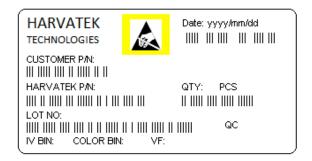
InGaN based chips are **STATIC SENSITIVE devices**. ESD precaution must be taken during design and assembly.

If manual work or processing is needed, please ensure the device is adequately protected from ESD during the process.

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# **Label Specifications**



#### Harvatek P/N:



Series Name	Emitting Color	Customer Code
HT-T3212	DND	YYYY
HT: Harvatek	CRI > 80 @150mA per chip	Customer Product Code
T3212:		(TBD)
3.0 (L) x 3.0 (W) x 0.52 (H) mm		

# Lot No.:

1 2	3	4	5	6	7	8	9	10
E 1	Α	1	Α	2	2	L	1	2
Code 1 2	Code 3	Code 4	Code 5	Code 6	Code 7	Code 8	Code 9	Code 10
	Mfg. Year	Mfg. Month	Mfg. Date	Consecuti	ve number		Special code	)
Internal Tracing Code	2010-A 2011-B 2012-C 2013-D	1:Jan. 2:Feb.  A:Oct. B:Nov. C:Dec.	1:A 2:B 3:C  26:Z 27:7 28:8 29:9 30:3 31:4	01-	-ZZ		000~ZZZ	

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# ■ Luminous Intensity (Iv) Bin:

Bin	Luminous Intensity Range (Im)			
Bill	Minimum	Maximum		
TD2	82	87.4		
UA1	87.4	93.5		
UB1	93.5	99.6		
UC2	99.6	106.6		
UD2	106.6	113.6		
VA1	113.6	121.55		

@150mA / Ta=25° C, Tolerance: <u>+</u> 10%

# ■ Forward Voltage (V<sub>F</sub>) Bin:

Color	Bin Code	Spec. Range
	R1	6.0 - 6.1V
	R2	6.1 – 6.2V
	R3	6.2 – 6.3V
	R4	6.3 – 6.4V
\M\bita (T\M\)	S1	6.4 - 6.5V
White (TW)	S2	6.5 – 6.6V
	<b>S</b> 3	6.6 – 6.7V
	<b>S4</b>	6.7 <b>–</b> 6.8V
	T1	6.8 - 6.9V
	T2	6.9 – 7.0V

@150mA / Ta=25 $^{\circ}$ C , Tolerance:  $\pm$  0.05 V

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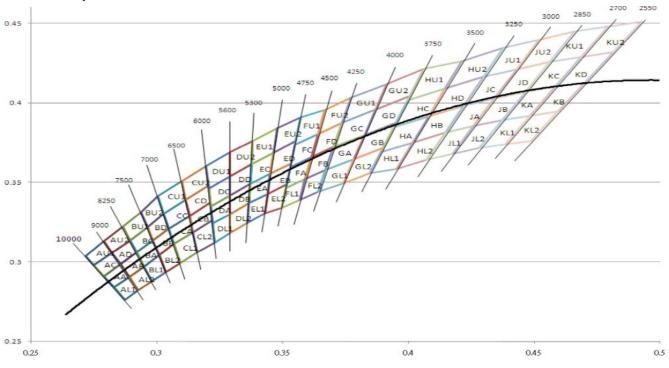
# ■ Chromaticity Bin (for TW only):

0.279   0.291   0.292   0.29															
According		0.283	0.284		0.295	0.297		0.3068	0.3113		0.3222	0.3243		0.3366	0.3369
According		0.279	0.291		0.292	0.306		0.3048	0.3207		0.3215	0.335		0.3371	0.349
0.386   0.2905   0.2905   0.3907   0.3912   0.3914   0.3186   0.3927   0.322   0.322   0.3014   0.3196   0.3928   0.39	1			10 4			C 4			T) A			77.4		
	AA			BA			CA			DA			EA		
0.380   0.20		0.289	0.2905		0.3009	0.3042		0.3144	0.3186		0.329	0.33		0.344	0.3427
0.380   0.20	1	0.283	0.284		0.205	0.207		0.3068	0.3113		0.3222	0.3243		0.3366	U 3360
AB   0.250   0.5900   DE   0.3504   0.2152   D. 0.2504   0.3007   D. 0.3013   0.3771   0.3407   D. 0.3013   0.3507   0.3007   0															
AB															
AB		0.2855	0.2985		0.2984	0.3133		0.313	0.329		0.329	0.3417		0.3451	0.3554
0.995   0.297	1 00		0.206	- 1010			CD			DB		0.240	ED		
0.590   0.2005	_ AD						CD			DD			ED		
ACC		0.295	0.297		0.3068	0.3113		0.3221	0.3261		0.3366	0.3369		0.3515	0.3487
ACC	1	0.289	0.2905		0.3009	0.3042		0.3144	0.3186		0.329	0.33		0.344	0.3427
ACC															
ACC   0.28025		0.279	0.291		0.292	0.306		0.3048	0.3207		0.3215	0.335		0.3371	0.349
ACC   0.28025		0.275	0.298		0.2895	0.3135		0.3028	0.3304		0.3207	0.3462		0.3376	0.3616
0.2962   0.2965   0.2965   0.2964   0.3157   0.3207   0	4.0			DC			cc			DC			DC.		
0.279	AC.			ьс			CC			DC			EC		
Dispose		0.2855	0.2985		0.2984	0.3133		0.313	0.329		0.329	0.3417		0.3451	0.3554
Dispose	1	0.279	0.291		0.292	0.306		0.3048	0.3207		0.3215	0.335		0.3371	0.349
AD															
ADD								0.313	0.329		0.329	0.3417		0.3451	
ADD		0.28225	0.30575		0.2962	0.322		0.3115	0.3391		0.329	0.3538		0.3463	0.3687
0.7972   0.306	1 45		0.2125	DD	0.2000		CD			DD			ED		
	nD.			DD.			CD			DD			ED		
All   0.2974   0.2776   0.298   0.298   0.298   0.3993   0.2003   0.2021   0.321   0.324   0.325   0.324   0.326   0		0.292	0.306		0.3048	0.3207		0.3213	0.3373		0.3371	0.349		0.3533	0.362
All   0.2974   0.2776   0.298   0.298   0.298   0.3993   0.2003   0.2021   0.321   0.324   0.325   0.324   0.326   0		0.2855	0.2985		0.2984	0.3133		0.313	0.329		B 329	0.3417		0.3451	D 3554
A11   0.293   0.294															
ALI		0.2874	0.276		0.298	0.288		0.3093	0.2993		0.3231	0.312		0.3361	0.3245
ALI		0.283	0.284		0.295	0.297		0.3068	0.3113		0.3222	0.3243		0.3366	0.3369
O	67.1			DT 1			CT 1			TOT 4			DT 1		
0.2874   0.2976   0.298	L ALL			10121			CDI			DDI			EDI		
0.2874   0.276   0.298	1		0.282					0.3161	0.3059		0.329	0.318		0.3429	0.3307
	1	0.2874	0.276		0.298	0.288		0.3093	0.2993		0.3231	0.312		0.3361	0.3245
A12															
A	1														
A	1	0.289	0.2905		0.3009	0.3042		0.3144	0.3186		0.329	0.33		0.344	0.3428
0.298   0.286	1 210			Bio			CL2			DL2			RI 2		
0.2925   0.2926   0.2927   0.2937   0.2937   0.2937   0.2030   0.2020   0.3004   0.2027   0.3462   0.3397   0.2031   0.2026   0.2026   0.2031   0.2027   0.3412   0.2031   0.2027   0.3412   0.2027   0.3412   0.2027   0.3412   0.2027   0.3412   0.2027   0.3412   0.2027   0.3412   0.2027   0.3412   0.2027   0.3412   0.2027   0.3412   0.2027   0.3412   0.2027   0.3412   0.2027   0.3412   0.2027   0.3412   0.2027   0.3412   0.2027   0.3412   0.2027   0.3412   0.2027   0.3412   0.2027   0.3412   0.2027   0.3415   0.2027   0.3415   0.2027   0.3415   0.2027   0.3415   0.2027   0.3415   0.2027   0.3415   0.2027   0.3415   0.2027   0.3415   0.2027   0.3415   0.2020   0.322   0.3196   0.3020   0.322   0.322   0.3196   0.3020   0.322   0.322   0.3115   0.3205   0.3426   0.322   0.3	1 222			244						202					
0.9292   0.3292   0.3097   0.2997   0.3101   0.3009   0.3209   0.3207   0.3462   0.3307   0.3775   0.2976   0.3221   0.3221   0.3005   0.3415   0.3006   0.3201   0.3206   0.3201   0.3206   0.3201   0.3206   0.3201   0.3206   0.3201   0.3206   0.3201   0.3206   0.3201   0.3206   0.3201   0.3206   0.3201   0.3206   0.3201   0.3206   0.3201   0.3207   0.3412   0.3207   0.3412   0.3207   0.3412   0.3207   0.3412   0.3207   0.3412   0.3207   0.3201   0	1														
AU   0.277   0.396   0.305   0.312   0.307   0.305   0.315   0.305   0.315   0.307   0.306   0.315   0.307   0.307   0.308   0.307   0.308	1	0.2925	0.282		0.3037	0.2937		0.3161	0.3059		0.329	0.318		0.3429	0.3307
AU1   0.2718   0.3026   0.3221   0.3027   0.3132   CU1   0.3005   0.3005   0.3004   0.3202   0.3020   0.3004   0.3005   0.3004   0.3005   0.3004   0.3007   0.3403   0.3404   0.3406															
AUI   0.279   0.313   BUI   0.2937   0.3312   CU1   0.3090   0.3090   0.3091   0.320   0.358   BUI   0.348   0.3887   0.275   0.2095   0.2955   0.3155   0.3155   0.3202   0.3202   0.3204   0.3207   0.3463   0.3687   0.2007   0.3422   0.3775   0.2616   0.2027   0.3155   0.3208   0.3204   0.3207   0.3239   0.3338   0.3697   0.275   0.2955   0.3157   0.3512   0.2008   0.3599   0.3209   0.3239   0.3239   0.3239   0.3208   0.															
AUI   0.279   0.313   BUI   0.2937   0.3312   CU1   0.3090   0.3090   0.3091   0.320   0.358   BUI   0.348   0.3887   0.275   0.2095   0.2955   0.3155   0.3155   0.3202   0.3202   0.3204   0.3207   0.3463   0.3687   0.2007   0.3422   0.3775   0.2616   0.2027   0.3155   0.3208   0.3204   0.3207   0.3239   0.3338   0.3697   0.275   0.2955   0.3157   0.3512   0.2008   0.3599   0.3209   0.3239   0.3239   0.3239   0.3208   0.		0.2718	0.3036		0.2864	0.3221		0.3005	0.3415		0.3196	0.3602		0.3381	0.3762
0.38225   0.38578   0.3965   0.3222   0.315   0.3004   0.3200   0.3384   0.3687   0.3687   0.275   0.2908   0.2995   0.315   0.3008   0.3008   0.3008   0.3207   0.3462   0.3376   0.3687   0.2007   0.3462   0.3376   0.3687   0.3008   0.3009   0.3207   0.3462   0.3376   0.3687   0.3008   0.3009   0.3207   0.315   0.3009   0.329   0.306   0.3403   0.3687   0.3008   0.3009   0.329   0.306   0.3403   0.3687   0.3009   0.30009   0.3009   0.30009   0.300	1 ATT1		0.212	DIII			CIII		0.2500	DIII		0.260	EII1		0.294
0.275   0.296	201			201						201			201		
Current   Curr			0.30575					0.3115	0.3391			0.3538			U.3687
Current   Curr		0.275	0.298		0.2895	0.3135		0.3028	0.3304		0.3207	0.3462		0.3376	0.3616
AU2   0.294   0.312   DU2   0.2937   0.31312   DU2   0.3099   0.3509   D.3009   D.															
AU2															
Description   Composition		0.279	0.313		0.2937	0.3312		0.3099	0.3509		0.329	0.369		0.348	0.384
Description   Composition	ATI2	0.2864	0.3221	DII2	0.3005	0.3415	CH2	0.3196	0.3602	DIIS	0.3301	0.3762	EIIS	0.3571	0.3907
	1102			202			002			202			202		
0.3512															
0.3512		0.28225	0.30575		0.2962	0.322		0.3115	0.3391		0.329	0.3538		0.3463	0.3687
PA															
PA															
FA												0.3914		0.4373	
FA		0.3512	0.3465		0.367	0.3578	l	0.3889	0.369		0.4147	0.5014		0.4575	0.3893
0.359	-			-											
0.3512   0.3465   0.367   0.3578   0.3898   0.3715   0.4017   0.3751   0.4259   0.3653   0.4433   0.3916   0.367   0.3578   0.367   0.3578   0.3893   0.3798   0.3994   0.3899   0.4430   0.3999   0.3798   0.3798   0.3798   0.3994   0.3899   0.3798   0.3798   0.3798   0.3798   0.3899   0.3798   0.3899   0.3798   0.3899   0.3798   0.3899   0.38	Fé	0.353	0.3597	Ct a	0.3702	0.3722	на	0.3941	0.3848	Tà	0.4221	0.3984	V a	0.4465	0.4071
Page	FA	0.353 0.3615	0.3597 0.3659	GA	0.3702	0.3722 0.3798	на	0.3941 0.408	0.3848 0.3916	JA	0.4221 0.4342	0.3984 0.4028	KA	0.4465 0.4582	0.4071 0.4099
FB	FA	0.353 0.3615 0.359	0.3597 0.3659 0.3521	GA	0.3702 0.3825 0.3783	0.3722 0.3798 0.3646	НА	0.3941 0.408 0.4017	0.3848 0.3916 0.3751	JA	0.4221 0.4342 0.4259	0.3984 0.4028 0.3853	KA	0.4465 0.4582 0.4483	0.4071 0.4099 0.3919
FB	FA	0.353 0.3615 0.359	0.3597 0.3659 0.3521	GA	0.3702 0.3825 0.3783	0.3722 0.3798 0.3646	HA	0.3941 0.408 0.4017	0.3848 0.3916 0.3751	JA	0.4221 0.4342 0.4259	0.3984 0.4028 0.3853	KA	0.4465 0.4582 0.4483	0.4071 0.4099 0.3919
FB	FA	0.353 0.3615 0.359 0.3512	0.3597 0.3659 0.3521 0.3465	GA	0.3702 0.3825 0.3783 0.367	0.3722 0.3798 0.3646 0.3578	НА	0.3941 0.408 0.4017 0.3889	0.3848 0.3916 0.3751 0.369	JA	0.4221 0.4342 0.4259 0.4147	0.3984 0.4028 0.3853 0.3814	KA	0.4465 0.4582 0.4483 0.4373	0.4071 0.4099 0.3919 0.3893
0.367   0.3578   0.3898   0.3716   0.3114   0.0417   0.3514   0.4238   0.3993   0.4593   0.3904   0.4017   0.3514   0.3593   0.3593   0.4493   0.3919   0.3593   0.3593   0.3593   0.4493   0.3919   0.3593   0.3593   0.3593   0.3593   0.4493   0.3919   0.3594   0.3594   0.3594   0.3594   0.3594   0.3641   0.3648   0.4221   0.3984   0.4405   0.4071   0.3594   0.3591   0.3604   0.3604   0.3609   0.3995   HC   0.4146   0.4099   C. 0.443   0.4212   KC   0.4667   0.4595   0.4595   0.3591   0.3593   0.3693   0.3594   0.3593   0.3594   0.3593   0.3594   0.3593   0.3594   0.3593   0.3594   0.3594   0.3595	FA	0.353 0.3615 0.359 0.3512 0.359	0.3597 0.3659 0.3521 0.3465 0.3521	GA	0.3702 0.3825 0.3783 0.367 0.3783	0.3722 0.3798 0.3646 0.3578 0.3646	на	0.3941 0.408 0.4017 0.3889 0.4017	0.3848 0.3916 0.3751 0.369 0.3751	JA	0.4221 0.4342 0.4259 0.4147 0.4259	0.3984 0.4028 0.3853 0.3814 0.3853	KA	0.4465 0.4582 0.4483 0.4373 0.4483	0.4071 0.4099 0.3919 0.3893 0.3919
0.367   0.3578   0.3898   0.3716   0.3114   0.0417   0.3514   0.4238   0.3993   0.4593   0.3904   0.4017   0.3514   0.3593   0.3593   0.4493   0.3919   0.3593   0.3593   0.3593   0.4493   0.3919   0.3593   0.3593   0.3593   0.3593   0.4493   0.3919   0.3594   0.3594   0.3594   0.3594   0.3594   0.3641   0.3648   0.4221   0.3984   0.4405   0.4071   0.3594   0.3591   0.3604   0.3604   0.3609   0.3995   HC   0.4146   0.4099   C. 0.443   0.4212   KC   0.4667   0.4595   0.4595   0.3591   0.3593   0.3693   0.3594   0.3593   0.3594   0.3593   0.3594   0.3593   0.3594   0.3593   0.3594   0.3594   0.3595		0.353 0.3615 0.359 0.3512 0.359 0.3615	0.3597 0.3659 0.3521 0.3465 0.3521 0.3659		0.3702 0.3825 0.3783 0.367 0.3783 0.3825	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798		0.3941 0.408 0.4017 0.3889 0.4017 0.408	0.3848 0.3916 0.3751 0.369 0.3751 0.3916	JA	0.4221 0.4342 0.4259 0.4147 0.4259 0.4342	0.3984 0.4028 0.3853 0.3814 0.3853 0.4028	KA	0.4465 0.4582 0.4483 0.4373 0.4483 0.4582	0.4071 0.4099 0.3919 0.3893 0.3919 0.4099
0.359   0.3521   0.3702   0.3546   0.4017   0.3751   0.4229   0.3953   0.4403   0.3919		0.353 0.3615 0.359 0.3512 0.359 0.3615	0.3597 0.3659 0.3521 0.3465 0.3521 0.3659		0.3702 0.3825 0.3783 0.367 0.3783 0.3825	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798		0.3941 0.408 0.4017 0.3889 0.4017 0.408	0.3848 0.3916 0.3751 0.369 0.3751 0.3916		0.4221 0.4342 0.4259 0.4147 0.4259 0.4342	0.3984 0.4028 0.3853 0.3814 0.3853 0.4028		0.4465 0.4582 0.4483 0.4373 0.4483 0.4582	0.4071 0.4099 0.3919 0.3893 0.3919 0.4099
D.333   D.3397   D.3702   D.3702   D.3702   D.3874   D.3896   D.3996   D.		0.353 0.3615 0.359 0.3512 0.359 0.3615 0.3702	0.3597 0.3659 0.3521 0.3465 0.3521 0.3659 0.3722		0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.395	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3875		0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221	0.3848 0.3916 0.3751 0.369 0.3751 0.3916 0.3984		0.4221 0.4342 0.4259 0.4147 0.4259 0.4342 0.4465	0.3984 0.4028 0.3853 0.3814 0.3853 0.4028 0.4071		0.4465 0.4582 0.4483 0.4373 0.4483 0.4582 0.47	0.4071 0.4099 0.3919 0.3893 0.3919 0.4099 0.4126
D.333   D.3397   D.3702   D.3702   D.3702   D.3874   D.3896   D.3996   D.		0.353 0.3615 0.359 0.3512 0.359 0.3615 0.3702 0.367	0.3597 0.3659 0.3521 0.3465 0.3521 0.3659 0.3722 0.3578		0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.395 0.3998	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3875 0.3716		0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4147	0.3848 0.3916 0.3751 0.369 0.3751 0.3916 0.3964 0.3814		0.4221 0.4342 0.4259 0.4147 0.4259 0.4342 0.4465 0.4373	0.3984 0.4028 0.3853 0.3814 0.3853 0.4028 0.4071 0.3893		0.4465 0.4582 0.4483 0.4373 0.4483 0.4582 0.47 0.4593	0.4071 0.4099 0.3919 0.3893 0.3919 0.4099 0.4126 0.3944
PC		0.353 0.3615 0.359 0.3512 0.359 0.3615 0.3702 0.367	0.3597 0.3659 0.3521 0.3465 0.3521 0.3659 0.3722 0.3578		0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.395 0.3998	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3875 0.3716		0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4147	0.3848 0.3916 0.3751 0.369 0.3751 0.3916 0.3964 0.3814		0.4221 0.4342 0.4259 0.4147 0.4259 0.4342 0.4465 0.4373	0.3984 0.4028 0.3853 0.3814 0.3853 0.4028 0.4071 0.3893		0.4465 0.4582 0.4483 0.4373 0.4483 0.4582 0.47 0.4593	0.4071 0.4099 0.3919 0.3893 0.3919 0.4099 0.4126 0.3944
PC		0.353 0.3615 0.359 0.3512 0.359 0.3615 0.3702 0.367 0.359	0.3597 0.3659 0.3521 0.3465 0.3521 0.3659 0.3722 0.3578 0.3521		0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.395 0.3998 0.3783	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3075 0.3716 0.3646		0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4147 0.4017	0.3848 0.3916 0.3751 0.369 0.3751 0.3916 0.3964 0.3814 0.3751		0.4221 0.4342 0.4259 0.4147 0.4259 0.4342 0.4465 0.4373 0.4259	0.3984 0.4028 0.3853 0.3814 0.3853 0.4028 0.4071 0.3893 0.3853		0.4465 0.4582 0.4483 0.4373 0.4483 0.4582 0.47 0.4593 0.4483	0.4071 0.4099 0.3919 0.3893 0.3919 0.4099 0.4126 0.3944 0.3919
0.515   0.559   0.3798   0.3792   0.3792   0.3916   0.4921   0.3904   0.4221   0.3904   0.4655   0.4671   0.5615   0.5659   0.2025   0.2790   0.4000   0.5616   0.4242   0.4020   0.4502   0.4009   0.4009   0.5041   0.3814   0.3809   0.3958   0.4146   0.4089   0.4445   0.4212   0.4020   0.4502   0.4009   0.4009   0.3736   0.3874   0.3855   0.3978   0.4009   0.4145   0.4089   0.4445   0.4212   0.4687   0.4221   0.4687   0.4221   0.3904   0.4465   0.4071   0.477   0.477   0.4716   0.3615   0.3657   0.3657   0.3657   0.3658   0.3798   0.3646   0.3557   0.3640   0.3557   0.3640   0.3564   0.3557   0.3640   0.3640   0.3944   0.3944   0.3954   0.3586   0.3578   0.3591   0.3561   0.3591   0.3741   0.3494   0.3944   0.3954   0.3596   0.3521   0.3640   0.3441   0.3494   0.3954   0.3596   0.3521   0.3646   0.3441   0.3494   0.3954   0.3567   0.3590   0.3521   0.3646   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3567   0.3590   0.3571   0.3640   0.3567   0.3590   0.3571   0.3640   0.3567   0.3640   0.3640   0.3645   0.3646   0.3557   0.3640   0.3567   0.3640   0.3640   0.3640   0.3640   0.3640   0.3557   0.3640   0.3567   0.3560   0.3640   0.3640   0.3640   0.3640   0.3557   0.3640   0.3571   0.3640   0.3567   0.3560   0.3640   0.3567   0.3560   0.3640   0.3567   0.3640   0.3567   0.3640   0.3640   0.3640   0.3557   0.3640   0.3567   0.3560   0.3571   0.3640   0.3567   0.3571   0.3640   0.3567   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3668   0.3577   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.357		0.353 0.3615 0.359 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.353	0.3597 0.3659 0.3521 0.3465 0.3521 0.3659 0.3722 0.3578 0.3521 0.3597		0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.395 0.3998 0.3703	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3875 0.3716 0.3646 0.3722		0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4147 0.4017 0.3941	0.3848 0.3916 0.3751 0.369 0.3751 0.3916 0.3984 0.3814 0.3751 0.3848		0.4221 0.4342 0.4259 0.4147 0.4259 0.4342 0.4465 0.4373 0.4259 0.4221	0.3984 0.4028 0.3853 0.3814 0.3853 0.4028 0.4071 0.3893 0.3953 0.3964		0.4465 0.4582 0.4483 0.4373 0.4483 0.4582 0.47 0.4593 0.4483 0.4405	0.4071 0.4099 0.3919 0.3893 0.3919 0.4099 0.4126 0.3944 0.3919 0.4071
0.515   0.559   0.3798   0.3792   0.3792   0.3916   0.4921   0.3904   0.4221   0.3904   0.4655   0.4671   0.5615   0.5659   0.2025   0.2790   0.4000   0.5616   0.4242   0.4020   0.4502   0.4009   0.4009   0.5041   0.3814   0.3809   0.3958   0.4146   0.4089   0.4445   0.4212   0.4020   0.4502   0.4009   0.4009   0.3736   0.3874   0.3855   0.3978   0.4009   0.4145   0.4089   0.4445   0.4212   0.4687   0.4221   0.4687   0.4221   0.3904   0.4465   0.4071   0.477   0.477   0.4716   0.3615   0.3657   0.3657   0.3657   0.3658   0.3798   0.3646   0.3557   0.3640   0.3557   0.3640   0.3564   0.3557   0.3640   0.3640   0.3944   0.3944   0.3954   0.3586   0.3578   0.3591   0.3561   0.3591   0.3741   0.3494   0.3944   0.3954   0.3596   0.3521   0.3640   0.3441   0.3494   0.3954   0.3596   0.3521   0.3646   0.3441   0.3494   0.3954   0.3567   0.3590   0.3521   0.3646   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3567   0.3590   0.3571   0.3640   0.3567   0.3590   0.3571   0.3640   0.3567   0.3640   0.3640   0.3645   0.3646   0.3557   0.3640   0.3567   0.3640   0.3640   0.3640   0.3640   0.3640   0.3557   0.3640   0.3567   0.3560   0.3640   0.3640   0.3640   0.3640   0.3557   0.3640   0.3571   0.3640   0.3567   0.3560   0.3640   0.3567   0.3560   0.3640   0.3567   0.3640   0.3567   0.3640   0.3640   0.3640   0.3557   0.3640   0.3567   0.3560   0.3571   0.3640   0.3567   0.3571   0.3640   0.3567   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3640   0.3571   0.3668   0.3577   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.3574   0.3669   0.357	FB	0.353 0.3615 0.359 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.359 0.353	0.3597 0.3659 0.3521 0.3465 0.3521 0.3659 0.3722 0.3578 0.3521 0.3597 0.3736	дB	0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.395 0.395 0.3793 0.3702 0.3736	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3875 0.3716 0.3646 0.3722 0.3874	нь	0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4147 0.4017 0.3941 0.3996	0.3848 0.3916 0.3751 0.369 0.3751 0.3916 0.3984 0.3814 0.3814 0.3848 0.4015	ЛВ	0.4221 0.4342 0.4259 0.4147 0.4259 0.4342 0.4465 0.4373 0.4259 0.4221 0.4299	0.3984 0.4028 0.3853 0.3814 0.3853 0.4028 0.4071 0.3893 0.3953 0.3964 0.4165	KB	0.4465 0.4582 0.4483 0.4373 0.4483 0.4582 0.47 0.4593 0.4493 0.4405 0.4562	0.4071 0.4099 0.3919 0.3893 0.3919 0.4099 0.4126 0.3944 0.3919 0.4071 0.426
0.3513	FB	0.353 0.3615 0.359 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.359 0.353	0.3597 0.3659 0.3521 0.3465 0.3521 0.3659 0.3722 0.3578 0.3521 0.3597 0.3736	дB	0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.395 0.395 0.3793 0.3702 0.3736	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3875 0.3716 0.3646 0.3722 0.3874	нь	0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4147 0.4017 0.3941 0.3996	0.3848 0.3916 0.3751 0.369 0.3751 0.3916 0.3984 0.3814 0.3814 0.3848 0.4015	ЛВ	0.4221 0.4342 0.4259 0.4147 0.4259 0.4342 0.4465 0.4373 0.4259 0.4221 0.4299	0.3984 0.4028 0.3853 0.3814 0.3853 0.4028 0.4071 0.3893 0.3953 0.3964 0.4165	KB	0.4465 0.4582 0.4483 0.4373 0.4483 0.4582 0.47 0.4593 0.4493 0.4405 0.4562	0.4071 0.4099 0.3919 0.3893 0.3919 0.4099 0.4126 0.3944 0.3919 0.4071 0.426
Description	FB	0.353 0.3615 0.359 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.353 0.3548	0.3597 0.3659 0.3521 0.3465 0.3521 0.3659 0.3722 0.3578 0.3521 0.3597 0.3736	дB	0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.395 0.3898 0.3793 0.3702 0.3736	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3675 0.3716 0.3646 0.3722 0.3874	нь	0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4147 0.4017 0.39941 0.3996 0.4146	0.3848 0.3916 0.3751 0.369 0.3751 0.3916 0.3984 0.3814 0.3751 0.3848 0.4015 0.4099	ЛВ	0.4221 0.4342 0.4259 0.4147 0.4259 0.4342 0.4465 0.4373 0.4259 0.4221 0.4290 0.443	0.3984 0.4028 0.3853 0.3814 0.3853 0.4028 0.4071 0.3893 0.3953 0.3964 0.4165 0.4212	KB	0.4465 0.4582 0.4483 0.4373 0.4582 0.47 0.4593 0.4493 0.4405 0.4562 0.4697	0.4071 0.4099 0.3919 0.3993 0.3919 0.4099 0.4126 0.3944 0.3919 0.4071 0.426 0.4289
Description	FB	0.353 0.3615 0.359 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.353 0.3548 0.3641 0.3615	0.3597 0.3659 0.3521 0.3465 0.3521 0.3659 0.3722 0.3578 0.3521 0.3597 0.3597 0.3597	дB	0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.395 0.3998 0.3703 0.3703 0.3703 0.3703 0.3806 0.3806 0.3825	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3075 0.3716 0.3646 0.3722 0.3874 0.3958	нь	0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4147 0.4017 0.3941 0.3941 0.3996 0.4146 0.408	0.3848 0.3916 0.3751 0.369 0.3751 0.3916 0.3984 0.3814 0.3751 0.3848 0.4015 0.4009 0.3916	ЛВ	0.4221 0.4342 0.4259 0.4147 0.4259 0.4342 0.4465 0.4373 0.4259 0.4221 0.4290 0.4342	0.3984 0.4028 0.3853 0.3814 0.3853 0.4028 0.4071 0.3893 0.3953 0.3984 0.4165 0.4212 0.4028	KB	0.4465 0.4582 0.4483 0.4373 0.4483 0.4582 0.47 0.4593 0.4493 0.4495 0.4662 0.4687 0.4582	0.4071 0.4099 0.3919 0.3893 0.3919 0.4099 0.4126 0.3944 0.3919 0.4071 0.426 0.4299 0.4099
FD	FB	0.353 0.3615 0.359 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.353 0.3548 0.3641 0.3615	0.3597 0.3659 0.3521 0.3465 0.3521 0.3659 0.3722 0.3578 0.3521 0.3597 0.3597 0.3597	дB	0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.395 0.3998 0.3703 0.3703 0.3703 0.3703 0.3806 0.3806 0.3825	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3075 0.3716 0.3646 0.3722 0.3874 0.3958	нь	0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4147 0.4017 0.3941 0.3941 0.3996 0.4146 0.408	0.3848 0.3916 0.3751 0.369 0.3751 0.3916 0.3984 0.3814 0.3751 0.3848 0.4015 0.4009 0.3916	ЛВ	0.4221 0.4342 0.4259 0.4147 0.4259 0.4342 0.4465 0.4373 0.4259 0.4221 0.4290 0.4342	0.3984 0.4028 0.3853 0.3814 0.3853 0.4028 0.4071 0.3893 0.3953 0.3984 0.4165 0.4212 0.4028	KB	0.4465 0.4582 0.4483 0.4373 0.4483 0.4582 0.47 0.4593 0.4493 0.4495 0.4662 0.4687 0.4582	0.4071 0.4099 0.3919 0.3893 0.3919 0.4099 0.4126 0.3944 0.3919 0.4071 0.426 0.4299 0.4099
FD	FB	0.353 0.3615 0.359 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.353 0.3548 0.3641 0.3615	0.3597 0.3659 0.3921 0.3465 0.3521 0.3659 0.3722 0.3578 0.3578 0.3597 0.3736 0.3094 0.3659	дB	0.3702 0.3825 0.387 0.367 0.3783 0.3825 0.395 0.3793 0.3702 0.3736 0.3969 0.3825 0.3702	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3875 0.3716 0.3646 0.3722 0.3874 0.3958 0.3798	нь	0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4147 0.4017 0.3941 0.3996 0.4146 0.408 0.3941	0.3848 0.3916 0.3751 0.369 0.3751 0.3916 0.3984 0.3814 0.3751 0.3848 0.4015 0.4089 0.3916	ЛВ	0.4221 0.4342 0.4259 0.4147 0.4259 0.4342 0.4373 0.4259 0.4221 0.429 0.443 0.443 0.4221	0.3984 0.4028 0.3853 0.3814 0.3853 0.4028 0.4071 0.3893 0.3953 0.3984 0.4165 0.4212 0.4028	KB	0.4465 0.4582 0.4483 0.4373 0.4582 0.47 0.4593 0.4593 0.4405 0.4697 0.4667 0.4687 0.4465	0.4071 0.4099 0.3919 0.3893 0.3919 0.4099 0.4126 0.3944 0.3919 0.4071 0.426 0.4289 0.4099
0.3702   0.3722   0.395   0.3975   0.408   0.3916   0.4465   0.4071   0.4126   0.4126   0.3615   0.3659   0.3659   0.3825   0.3798   0.3846   0.3357   0.3844   0.4281   0.3715   0.3951   0.3945   0.3339   0.364   0.367   0.3570   0.3099   0.369   0.3577   0.3099   0.3557   0.3099   0.3557   0.3099   0.3557   0.3099   0.3557   0.3099   0.3557   0.3099   0.3557   0.3099   0.3557   0.3099   0.3557   0.3099   0.3644   0.3094   0.3954   0.3586   0.4176   0.3678   0.4291   0.3715   0.3715   0.3557   0.3399   0.3741   0.3494   0.3046   0.3954   0.3586   0.4176   0.3678   0.4291   0.3715   0.3715   0.3557   0.3399   0.3741   0.3494   0.3046   0.3557   0.3751   0.3751   0.3751   0.3751   0.3751   0.3751   0.3751   0.3751   0.3751   0.3751   0.3751   0.3644   0.3646   0.3557   0.3644   0.3739   0.3544   0.3646   0.3557   0.3576   0.3576   0.3576   0.3586   0.4176   0.3678   0.4344   0.3739   0.3544   0.3646   0.3557   0.3558   0.3443   0.3739   0.3544   0.3646   0.3557   0.3564   0.3564   0.3557   0.3564   0.3564   0.3565   0.3578   0.3564   0.3565   0.3578   0.3564   0.3565   0.3578   0.3564   0.3565   0.3578   0.3564   0.3565   0.3578   0.3564   0.3565   0.3578   0.3564   0.3565   0.3578	FB	0.353 0.3615 0.359 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.353 0.3548 0.3641 0.3615	0.3597 0.3659 0.3521 0.3465 0.3521 0.3659 0.3772 0.3578 0.3521 0.3578 0.3578 0.3597 0.3736 0.3659 0.3659	дB	0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.399 0.3793 0.3702 0.3703 0.37069 0.3825 0.3702 0.3702 0.3702	0.3722 0.3798 0.9646 0.3578 0.3646 0.3578 0.3646 0.3798 0.3675 0.3716 0.3646 0.3722 0.3874 0.3959 0.3798	нь	0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4147 0.4017 0.3941 0.3996 0.4146 0.408 0.3941 0.409	0.3848 0.3916 0.3751 0.369 0.3751 0.3916 0.3914 0.3751 0.3848 0.4015 0.4089 0.3916	ЛВ	0.4221 0.4342 0.4259 0.4147 0.4259 0.4342 0.4465 0.4373 0.4259 0.4221 0.4290 0.443 0.4342 0.4342	0.3984 0.4028 0.3853 0.3853 0.4028 0.4071 0.3993 0.3984 0.4165 0.4212 0.4028 0.3984 0.4028	KB	0.4465 0.4582 0.4483 0.4373 0.4483 0.4582 0.47 0.4593 0.4405 0.4562 0.4697 0.4582 0.4697	0.4071 0.4099 0.3919 0.3939 0.3919 0.4099 0.4126 0.3944 0.3919 0.4071 0.426 0.4289 0.4099
0.3702   0.3722   0.395   0.3975   0.408   0.3916   0.4465   0.4071   0.4126   0.4126   0.3615   0.3659   0.3659   0.3825   0.3798   0.3846   0.3357   0.3844   0.4281   0.3715   0.3951   0.3945   0.3339   0.364   0.367   0.3570   0.3099   0.369   0.3577   0.3099   0.3557   0.3099   0.3557   0.3099   0.3557   0.3099   0.3557   0.3099   0.3557   0.3099   0.3557   0.3099   0.3557   0.3099   0.3557   0.3099   0.3644   0.3094   0.3954   0.3586   0.4176   0.3678   0.4291   0.3715   0.3715   0.3557   0.3399   0.3741   0.3494   0.3046   0.3954   0.3586   0.4176   0.3678   0.4291   0.3715   0.3715   0.3557   0.3399   0.3741   0.3494   0.3046   0.3557   0.3751   0.3751   0.3751   0.3751   0.3751   0.3751   0.3751   0.3751   0.3751   0.3751   0.3751   0.3644   0.3646   0.3557   0.3644   0.3739   0.3544   0.3646   0.3557   0.3576   0.3576   0.3576   0.3586   0.4176   0.3678   0.4344   0.3739   0.3544   0.3646   0.3557   0.3558   0.3443   0.3739   0.3544   0.3646   0.3557   0.3564   0.3564   0.3557   0.3564   0.3564   0.3565   0.3578   0.3564   0.3565   0.3578   0.3564   0.3565   0.3578   0.3564   0.3565   0.3578   0.3564   0.3565   0.3578   0.3564   0.3565   0.3578   0.3564   0.3565   0.3578	FB PC	0.353 0.3615 0.359 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.3548 0.3641 0.3615 0.353 0.3641	0.3597 0.3659 0.3521 0.3465 0.3521 0.3659 0.3722 0.3578 0.3521 0.3597 0.3736 0.3699 0.3659 0.3659 0.3659 0.3659 0.3659	gb gc	0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.395 0.399 0.3702 0.3702 0.3706 0.3825 0.3706 0.3825 0.3702 0.3825 0.3825	0.3722 0.3798 0.9646 0.3578 0.3646 0.3578 0.3675 0.3716 0.3646 0.3722 0.3874 0.3958 0.3798 0.3798 0.3798	не	0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4147 0.4017 0.3941 0.408 0.3941 0.408 0.408 0.409 0.4146	0.3848 0.3916 0.3751 0.369 0.3751 0.3916 0.3984 0.3814 0.3751 0.3848 0.4015 0.4009 0.3916 0.3848 0.4015	ìC ìB	0.4221 0.4342 0.4259 0.4147 0.4259 0.4342 0.4465 0.4373 0.4259 0.4221 0.4290 0.443 0.4342 0.4242 0.4242	0.3984 0.4028 0.3853 0.3853 0.4028 0.4071 0.3993 0.3953 0.3984 0.4165 0.4212 0.4028 0.3964 0.4029 0.4212	KC	0.4465 0.4582 0.4483 0.4373 0.4483 0.4773 0.4793 0.4793 0.4403 0.4403 0.4562 0.4697 0.4582 0.4687	0.4071 0.4099 0.3919 0.3993 0.3919 0.4099 0.4126 0.3944 0.3919 0.4071 0.426 0.4289 0.4099 0.4099
0.3615	FB PC	0.353 0.3615 0.359 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.3548 0.3641 0.3615 0.353 0.3641	0.3597 0.3659 0.3521 0.3465 0.3521 0.3659 0.3722 0.3578 0.3521 0.3597 0.3736 0.3699 0.3659 0.3659 0.3659 0.3659 0.3659	gb gc	0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.395 0.399 0.3702 0.3702 0.3706 0.3825 0.3706 0.3825 0.3702 0.3825 0.3825	0.3722 0.3798 0.9646 0.3578 0.3646 0.3798 0.3875 0.3716 0.3646 0.3722 0.3874 0.3958 0.3798 0.3798 0.3798	не	0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4147 0.4017 0.3941 0.408 0.3941 0.408 0.408 0.409 0.4146	0.3848 0.3916 0.3751 0.369 0.3751 0.3916 0.3984 0.3814 0.3751 0.3848 0.4015 0.4009 0.3916 0.3848 0.4015	ìC ìB	0.4221 0.4342 0.4259 0.4147 0.4259 0.4342 0.4465 0.4373 0.4259 0.4221 0.4290 0.443 0.4342 0.4242 0.4242	0.3984 0.4028 0.3853 0.3853 0.4028 0.4071 0.3993 0.3953 0.3984 0.4165 0.4212 0.4028 0.3964 0.4029 0.4212	KC	0.4465 0.4582 0.4483 0.4373 0.4483 0.4773 0.4793 0.4793 0.4403 0.4403 0.4562 0.4697 0.4582 0.4687	0.4071 0.4099 0.3919 0.3993 0.3919 0.4099 0.4126 0.3944 0.3919 0.4071 0.426 0.4289 0.4099 0.4099
Display	FB PC	0.353 0.3615 0.359 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.3548 0.3641 0.3615 0.353 0.3548 0.3641 0.3641 0.3736	0.3597 0.3659 0.3721 0.3465 0.3521 0.3659 0.37722 0.3578 0.3521 0.3597 0.3736 0.3604 0.3659 0.3797 0.3659 0.3659	gb gc	0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.3995 0.3793 0.3702 0.2736 0.3969 0.3825 0.3702 0.3702 0.3825 0.3702 0.3869 0.3869	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3875 0.3716 0.3646 0.3722 0.3874 0.3958 0.3798 0.3798 0.3798	не	0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4147 0.4017 0.3994 0.3994 0.4146 0.408 0.3941 0.400 0.4146 0.4299	0.3848 0.3916 0.3751 0.369 0.3751 0.3916 0.3964 0.3954 0.4015 0.4009 0.3916 0.3948 0.4015 0.4089 0.4089 0.4089	ìC ìB	0.4221 0.4342 0.4259 0.4147 0.4259 0.4342 0.4465 0.4373 0.4259 0.4221 0.4299 0.443 0.4342 0.421 0.4342 0.4342 0.4342 0.4342 0.4342 0.4342 0.4343 0.4365	0.3984 0.4028 0.3853 0.3814 0.3853 0.4028 0.4071 0.3892 0.3953 0.3984 0.4165 0.4212 0.4028 0.3964 0.4029 0.4029	KC	0.4465 0.4582 0.4483 0.4373 0.4483 0.4582 0.47 0.4593 0.4493 0.4495 0.4562 0.4687 0.4582 0.4665 0.4582 0.4687 0.4583	0.4071 0.4099 0.3919 0.3919 0.4099 0.4126 0.3944 0.3919 0.4071 0.426 0.4299 0.4071 0.4099 0.4071 0.4099 0.4099
Display	FB PC	0.353 0.3615 0.379 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.3548 0.3548 0.3641 0.3515 0.353 0.3615 0.3736	0.3597 0.3659 0.3521 0.3465 0.3521 0.3659 0.3722 0.3578 0.3521 0.3597 0.3694 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659	gb gc	0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.395 0.3998 0.3793 0.3702 0.3736 0.3825 0.3702 0.3702 0.3809 0.3809 0.3809 0.3809 0.3809	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3875 0.3716 0.3722 0.3874 0.3958 0.3798 0.3792 0.3799 0.3799 0.3798	не	0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4147 0.3996 0.4146 0.408 0.3941 0.408 0.400 0.4146 0.4299 0.4221	0.3848 0.3916 0.3751 0.369 0.3751 0.3914 0.3914 0.3814 0.4015 0.4015 0.4009 0.3916 0.3948 0.4015 0.4089 0.4089 0.4089 0.4089 0.4089	ìC ìB	0.4221 0.4342 0.4259 0.4147 0.4259 0.4342 0.4465 0.4373 0.4259 0.4221 0.429 0.4342 0.4342 0.4242 0.4342 0.4342 0.4342 0.4465	0.3984 0.4028 0.3853 0.3814 0.3853 0.4021 0.3893 0.3984 0.4165 0.4212 0.4028 0.4028 0.4020 0.4212 0.4028 0.4020	KC	0.4465 0.4582 0.4483 0.4373 0.4483 0.4582 0.47 0.4593 0.4405 0.4465 0.4687 0.4582 0.4687 0.4582 0.4687 0.4582 0.4687 0.4687 0.4787	0.4071 0.4099 0.3919 0.3893 0.3919 0.4099 0.4126 0.3944 0.3919 0.4071 0.426 0.4299 0.4099 0.4099 0.4099 0.4099 0.4099 0.4289 0.4289 0.4289 0.4289 0.4289 0.4289 0.4289
FL1	FB PC	0.353 0.3615 0.379 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.3548 0.3548 0.3641 0.3515 0.353 0.3615 0.3736	0.3597 0.3659 0.3521 0.3465 0.3521 0.3659 0.3722 0.3578 0.3521 0.3597 0.3694 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659	gb gc	0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.395 0.3998 0.3793 0.3702 0.3736 0.3825 0.3702 0.3702 0.3809 0.3809 0.3809 0.3809 0.3809	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3875 0.3716 0.3722 0.3874 0.3958 0.3798 0.3792 0.3799 0.3799 0.3798	не	0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4147 0.3996 0.4146 0.408 0.3941 0.408 0.400 0.4146 0.4299 0.4221	0.3848 0.3916 0.3751 0.369 0.3751 0.3914 0.3914 0.3814 0.4015 0.4015 0.4009 0.3916 0.3948 0.4015 0.4089 0.4089 0.4089 0.4089 0.4089	ìC ìB	0.4221 0.4342 0.4259 0.4147 0.4259 0.4342 0.4465 0.4373 0.4259 0.4221 0.429 0.4342 0.4342 0.4242 0.4342 0.4342 0.4342 0.4465	0.3984 0.4028 0.3853 0.3814 0.3853 0.4021 0.3893 0.3984 0.4165 0.4212 0.4028 0.4028 0.4020 0.4212 0.4028 0.4020	KC	0.4465 0.4582 0.4483 0.4373 0.4483 0.4582 0.47 0.4593 0.4405 0.4465 0.4687 0.4582 0.4687 0.4582 0.4687 0.4582 0.4687 0.4687 0.4787	0.4071 0.4099 0.3919 0.3893 0.3919 0.4099 0.4126 0.3944 0.3919 0.4071 0.426 0.4299 0.4099 0.4099 0.4099 0.4099 0.4099 0.4289 0.4289 0.4289 0.4289 0.4289 0.4289 0.4289
FL1	FB PC	0.353 0.3615 0.359 0.2512 0.359 0.3615 0.3702 0.367 0.359 0.3548 0.3641 0.3615 0.353 0.3641 0.3615 0.3736 0.3736	0.3597 0.3659 0.3521 0.3465 0.3521 0.3659 0.3722 0.3578 0.3521 0.3597 0.3796 0.3059 0.3659 0.3659 0.3659	gb gc	0.3702 0.3825 0.3783 0.3783 0.395 0.395 0.395 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3825 0.3969 0.3825 0.3969 0.3825 0.3969 0.3825	0.3722 0.3798 0.3646 0.3578 0.3566 0.3798 0.3798 0.3716 0.3716 0.3712 0.3874 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798	не	0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4147 0.3941 0.3996 0.4146 0.408 0.3941 0.408 0.402 0.402 0.4146 0.408	0.3848 0.3916 0.3751 0.360 0.3751 0.3904 0.3914 0.3751 0.3751 0.3751 0.4015 0.4015 0.4015 0.4016 0.4016 0.4016 0.3916 0.3916	ìC ìB	0.4221 0.4342 0.4259 0.4147 0.4259 0.4342 0.4465 0.4373 0.4221 0.4221 0.4432 0.4231 0.4242 0.4242 0.4242 0.4242 0.4242 0.4242 0.4242 0.4243 0.4243 0.4342 0.4342	0.3984 0.4028 0.3853 0.3853 0.4028 0.4071 0.3893 0.3953 0.3953 0.3953 0.4021 0.4022 0.4212 0.4023 0.4020 0.4212 0.4020 0.4021 0.4020 0.4021 0.4020 0.4021 0.4020 0.4021 0.4020 0.4021 0.4021 0.4021	KC	0.4455 0.4582 0.4483 0.4373 0.4483 0.477 0.4593 0.4405 0.4405 0.4405 0.4562 0.4667 0.4582 0.4687 0.4582 0.4582	0.4071 0.4099 0.3919 0.3939 0.4126 0.3944 0.3944 0.4071 0.426 0.4299 0.4071 0.4299 0.4071 0.4299 0.4099 0.4099
0.3567   0.3389   0.3741   0.3494   0.3954   0.3586   0.4176   0.3678   0.4384   0.3739	FB PC	0.353 0.3615 0.359 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.3548 0.3641 0.3615 0.3641 0.3	0.3597 0.3597 0.3592 0.3465 0.3593 0.3579 0.3579 0.3521 0.3597 0.3521 0.3094 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3726 0.3659 0.3726 0.3659 0.3726 0.3726 0.3659 0.3726 0.3726 0.3726 0.3726 0.3726 0.3727	gb gc	0.3702 0.3825 0.3963 0.367 0.3763 0.3825 0.395 0.3702 0.3702 0.3702 0.3702 0.3702 0.3069 0.3825 0.3069	0.3742 0.3798 0.3646 0.3578 0.3646 0.3798 0.3075 0.3716 0.3746 0.3722 0.3978 0.3798	не	0.3941 0.4007 0.4017 0.3889 0.4017 0.4018 0.4017 0.4017 0.3994 0.4019 0.400 0.4146 0.400 0.4149 0.402 0.402 0.402 0.403 0.403 0.404 0.404 0.404 0.404 0.405 0.405 0.406 0.40	0.3848 0.3751 0.3751 0.369 0.3751 0.3916 0.3916 0.3916 0.3915 0.4015 0.4019 0.3916 0.4015 0.4045 0.3916	ìC ìB	0.4221 0.4342 0.4259 0.4147 0.4259 0.4373 0.4259 0.4221 0.4259 0.4221 0.4202 0.4373 0.4299 0.421 0.4302 0.443 0.4302 0.443 0.4302 0.443 0.4302 0.443 0.4302 0.443 0.4302 0.443 0.4302 0.443 0.4302 0.443 0.4302 0.443 0.4302	0.3984 0.4028 0.3813 0.3814 0.3853 0.4028 0.4071 0.3903 0.3953 0.3984 0.4165 0.4212 0.41028 0.3904 0.4000 0.4212 0.4001 0.4020 0.4212 0.4024	KC	0.4455 0.4562 0.4483 0.4483 0.4373 0.4882 0.470 0.4593 0.4593 0.4593 0.4593 0.4593 0.4595 0.4595 0.4595 0.4595 0.4595 0.4595 0.4593 0.4697 0.4697	0.4071 0.4091 0.3919 0.3919 0.3993 0.3993 0.4099 0.4126 0.3914 0.426 0.4289 0.4091 0.4091 0.4099 0.4126 0.4099 0.4099 0.4126
0.3567   0.3389   0.3741   0.3494   0.3954   0.3586   0.4176   0.3678   0.4384   0.3739	FC FD	0.353 0.3615 0.379 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.3548 0.3548 0.3615 0.3615 0.3736 0.3736 0.3736 0.3736 0.3736 0.37902 0.3615 0.3615 0.37902	0.3597 0.3659 0.3521 0.3465 0.3521	GC GD	0.3702 0.3825 0.3983 0.367 0.3783 0.3825 0.395 0.3998 0.3702 0.3702 0.3702 0.3702 0.3702 0.3825 0.3869 0.3825 0.395 0.3825 0.3869	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3675 0.3716 0.3722 0.3874 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798	HC	0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4107 0.4017 0.3941 0.3941 0.408 0.34146 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.4017 0.4018 0.4017 0.4018 0.4018 0.4019 0.40	0.3848 0.3915 0.3751 0.369 0.3751 0.3916 0.3916 0.3914 0.3751 0.3848 0.4015 0.4019 0.3916 0.4019 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916	TC TE	0.4221 0.4342 0.4259 0.4147 0.4259 0.4445 0.4273 0.4251 0.4291 0.4291 0.4493 0.4493 0.4494 0.4494 0.4242 0.4443 0.4242 0.4443 0.4242 0.4443 0.4242 0.4443 0.4242 0.4443 0.4242 0.4443 0.4242 0.4443 0.4242 0.4443 0.4242 0.4443 0.4242 0.4443 0.4242 0.4443 0.4445 0.4443 0.4445 0.4443 0.4445 0.4443 0.4445	0.3984 0.4028 0.3853 0.3853 0.4028 0.4071 0.3893 0.3953 0.3953 0.3984 0.4165 0.4212 0.4028 0.4020 0.4212 0.4028 0.4020	KC KD	0.4455 0.4582 0.4483 0.4483 0.477 0.4592 0.477 0.4592 0.4405 0.4667 0.4592 0.4667 0.4592 0.4667 0.4592 0.467 0.4592 0.467 0.4592 0.	0.4071 0.4091 0.3919 0.3919 0.4099 0.4126 0.3914 0.4071 0.426 0.4099 0.4099 0.4099 0.4099 0.4099 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126
0.3495   0.3399   0.364   0.344   0.3046   0.3557   0.4073   0.3644   0.4261   0.3715	FC FD	0.353 0.3615 0.379 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.3548 0.3548 0.3615 0.3615 0.3736 0.3736 0.3736 0.3736 0.3736 0.37902 0.3615 0.3615 0.37902	0.3597 0.3659 0.3521 0.3465 0.3521	GC GD	0.3702 0.3825 0.3983 0.367 0.3783 0.3825 0.395 0.3998 0.3702 0.3702 0.3702 0.3702 0.3702 0.3825 0.3869 0.3825 0.395 0.3825 0.3869	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3675 0.3716 0.3722 0.3874 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798	HC	0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4107 0.4017 0.3941 0.3941 0.408 0.34146 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.408 0.4017 0.4017 0.4018 0.4017 0.4018 0.4018 0.4019 0.40	0.3848 0.3915 0.3751 0.369 0.3751 0.3916 0.3916 0.3914 0.3751 0.3848 0.4015 0.4019 0.3916 0.4019 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916	TC TE	0.4221 0.4342 0.4259 0.4147 0.4259 0.4445 0.4273 0.4251 0.4291 0.4291 0.4493 0.4493 0.4494 0.4494 0.4242 0.4443 0.4242 0.4443 0.4242 0.4443 0.4242 0.4443 0.4242 0.4443 0.4242 0.4443 0.4242 0.4443 0.4242 0.4443 0.4242 0.4443 0.4242 0.4443 0.4242 0.4443 0.4445 0.4443 0.4445 0.4443 0.4445 0.4443 0.4445	0.3984 0.4028 0.3853 0.3853 0.4028 0.4071 0.3893 0.3953 0.3953 0.3984 0.4165 0.4212 0.4028 0.4020 0.4212 0.4028 0.4020	KC KD	0.4455 0.4582 0.4483 0.4483 0.477 0.4592 0.477 0.4592 0.4405 0.4667 0.4592 0.4667 0.4592 0.4667 0.4592 0.467 0.4592 0.467 0.4592 0.	0.4071 0.4091 0.3919 0.3919 0.4099 0.4126 0.3914 0.4071 0.426 0.4099 0.4099 0.4099 0.4099 0.4099 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126
Part	FC FD	0.353 0.3615 0.359 0.2512 0.359 0.3615 0.3702 0.367 0.359 0.353 0.3548 0.3641 0.3615 0.363 0.3641 0.3736 0.3736 0.3702 0.3615 0.3615 0.3615 0.3615 0.3615	0.3597 0.3659 0.3521 0.3465 0.3521 0.3465 0.3521 0.3521 0.3521 0.3521 0.3521 0.3521 0.3521 0.3521 0.3521 0.3521 0.3521 0.3521	GC GD	0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.393 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3703 0.3702 0.3703 0.3702 0.3703	0.3722 0.3798 0.3646 0.3578 0.3566 0.3798 0.3798 0.3716 0.3716 0.3712 0.3874 0.3792 0.3998 0.3798 0.3792 0.3798 0.3798 0.3798 0.4044 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798	HC	0.3941 0.4017 0.3889 0.4017 0.408 0.4221 0.4017 0.3994 0.3994 0.4146 0.3994 0.400 0.4146 0.4221 0.408 0.409 0.4221 0.408	0.3848 0.39751 0.3751 0.369 0.3751 0.369 0.3916 0.3914 0.3751 0.4015 0.4019 0.4019 0.4019 0.4010 0.3944 0.3916 0.4015 0.3944 0.3916 0.3954 0.3956	TC TE	0.4221 0.4342 0.4259 0.4147 0.4259 0.4342 0.4465 0.4373 0.4221 0.4299 0.4221 0.4342 0.4342 0.4342 0.4342 0.4342 0.4342 0.4342 0.4342 0.4342 0.4342 0.4342 0.4342 0.4342 0.4342 0.4342 0.4342 0.4455 0.4342 0.4342 0.4455 0.4342 0.4342 0.4455 0.4342 0.4455 0.4342 0.4455 0.4342 0.4455 0.4342 0.4455 0.4342 0.4455 0.4342 0.4455 0.4342 0.4455 0.4342 0.4455 0.4555	0.3984 0.4028 0.3853 0.3853 0.4021 0.4028 0.4071 0.3893 0.3953 0.3953 0.3954 0.4165 0.4012 0.4022 0.4022 0.4021 0.4028 0.3904 0.4020 0.4212 0.4020 0.4021 0.4020 0.4021 0.4020 0.4021 0.4020 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021	KC KD	0.4455 0.4582 0.4483 0.4373 0.4483 0.477 0.4593 0.4405 0.4405 0.4562 0.4607 0.4582 0.4607 0.4582 0.4637 0.4582 0.4582 0.4582 0.4582 0.4582 0.4583	0.4071 0.4099 0.3919 0.3939 0.3919 0.4126 0.3944 0.3944 0.4071 0.4226 0.4099 0.4071 0.4099 0.4071 0.4099 0.4071 0.4099 0.4071 0.4099 0.4126 0.4126 0.4129 0.4126 0.4129 0.4126 0.4129
FL2	FC FD	0.353 0.3615 0.359 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.3548 0.3641 0.3615 0.3641 0.3641 0.3641 0.3641 0.3702 0.365 0.3736 0.3756 0.37	0.3597 0.3659 0.3721 0.3465 0.3521 0.3465 0.3521 0.3579 0.3521 0.3726 0.3604 0.3659	GC GD	0.3702 0.3825 0.3963 0.397 0.3982 0.3995 0.3993 0.3702 0.3702 0.3702 0.3702 0.3969 0.3825 0.3969 0.3825 0.3905	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3075 0.3712 0.3712 0.3959 0.3792 0.3979 0.3979 0.3998 0.3792 0.3790 0.3934 0.3975 0.3793 0.3934 0.3975 0.3975 0.3944 0.3975	HC	0.3941 0.4007 0.4017 0.4017 0.4018 0.4017 0.4018 0.4017 0.3994 0.4017 0.3996 0.4146 0.400 0.4149 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.300 0.30	0.3848 0.3915 0.3751 0.369 0.3751 0.3916 0.3916 0.3916 0.3751 0.4015 0.4019 0.3916 0.4019 0.3916 0.4019 0.3916 0.4019 0.3916 0.3948 0.3956 0.3956	TC TE	0.4221 0.4342 0.4259 0.4147 0.4259 0.4373 0.4465 0.4259 0.4221 0.4292 0.443 0.4242 0.4242 0.4242 0.4242 0.4242 0.4242 0.4242 0.4242 0.4243 0.4242 0.4373 0.4455 0.4373 0.4455 0.4373 0.4465 0.4373 0.4474 0.4475 0.4474 0.4475	0.3984 0.4028 0.3814 0.3838 0.3814 0.3853 0.4028 0.4071 0.3893 0.3853 0.3884 0.4165 0.4212 0.41028 0.3904 0.4020 0.4212 0.4021 0.4020 0.4071 0.4020 0.4071 0.4020 0.4071 0.4020 0.4071 0.4028	KC KD	0.4455 0.4582 0.4493 0.4493 0.493 0.493 0.493 0.4403 0.4403 0.4592 0.4697 0.4592 0	0.4071 0.4091 0.3919 0.3919 0.3919 0.4099 0.4126 0.3919 0.4071 0.4269 0.4269 0.4099 0.4099 0.4126 0.4099 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.3715 0.3099
FL2	FC FD	0.353 0.3615 0.359 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.3548 0.3641 0.3615 0.3641 0.3641 0.3641 0.3641 0.3702 0.365 0.3736 0.3756 0.37	0.3597 0.3659 0.3721 0.3465 0.3521 0.3465 0.3521 0.3579 0.3521 0.3726 0.3604 0.3659	GC GD	0.3702 0.3825 0.3983 0.367 0.3783 0.3825 0.3995 0.3993 0.3702 0.3702 0.3702 0.3702 0.3825 0.3869 0.3825 0.3869 0.3825 0.3869 0.395 0.3869 0.395 0.3875 0.395 0.3875 0.395 0.3	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3075 0.3712 0.3712 0.3959 0.3792 0.3979 0.3979 0.3998 0.3792 0.3790 0.3934 0.3975 0.3793 0.3934 0.3975 0.3975 0.3944 0.3975	HC	0.3941 0.4007 0.4017 0.4017 0.4018 0.4017 0.4018 0.4017 0.3994 0.4017 0.3996 0.4146 0.400 0.4149 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.300 0.30	0.3848 0.3915 0.3751 0.369 0.3751 0.3916 0.3916 0.3916 0.3751 0.4015 0.4019 0.3916 0.4019 0.3916 0.4019 0.3916 0.4019 0.3916 0.3948 0.3956 0.3956	TC TE	0.4221 0.4342 0.4259 0.4147 0.4259 0.4373 0.4465 0.4259 0.4221 0.4292 0.443 0.4242 0.4242 0.4242 0.4242 0.4242 0.4242 0.4242 0.4242 0.4243 0.4242 0.4373 0.4455 0.4373 0.4455 0.4373 0.4465 0.4373 0.4474 0.4475 0.4474 0.4475	0.3984 0.4028 0.3814 0.3838 0.3814 0.3853 0.4028 0.4071 0.3893 0.3853 0.3884 0.4165 0.4212 0.41028 0.3904 0.4020 0.4212 0.4021 0.4020 0.4071 0.4020 0.4071 0.4020 0.4071 0.4020 0.4071 0.4028	KC KD	0.4455 0.4582 0.4493 0.4493 0.493 0.493 0.493 0.4403 0.4403 0.4592 0.4697 0.4592 0	0.4071 0.4091 0.3919 0.3919 0.3919 0.4099 0.4126 0.3919 0.4071 0.4269 0.4269 0.4099 0.4099 0.4126 0.4099 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.3715 0.3099
FL2	FC FD	0.353 0.3615 0.379 0.3512 0.359 0.3515 0.3702 0.367 0.359 0.353 0.3548 0.3641 0.3615 0.3641 0.3615 0.3736 0.3736 0.3736 0.3736 0.3736 0.3736 0.3615 0.3641 0.3736	0.3597 0.3659 0.3521 0.3465 0.3521 0.3465 0.3521 0.3521 0.3521 0.3597 0.3722 0.3598 0.3604 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3722 0.3659 0.3722 0.3659 0.3722 0.3659 0.3722 0.3659 0.3722 0.3659 0.3722 0.3659 0.3723	GC GD	0.3702 0.3825 0.3983 0.367 0.3783 0.3825 0.3995 0.3993 0.3702 0.3702 0.3702 0.3702 0.3825 0.3869 0.3825 0.3869 0.3825 0.3869 0.395 0.3869 0.395 0.3875 0.395 0.3875 0.395 0.3	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3675 0.3716 0.3722 0.3874 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3646 0.3646 0.3738 0.3798	HC	0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4107 0.3941 0.3941 0.408 0.34146 0.408 0.34146 0.408 0.34146 0.408 0.4017 0.408 0	0.3848 0.3915 0.3751 0.369 0.3751 0.3916 0.3916 0.3916 0.3751 0.3848 0.4015 0.4009 0.3916 0.4009 0.3916 0.4009 0.3916 0.4009 0.4105 0.3964 0.3916 0.3956	TC TE	0.4221 0.4342 0.4259 0.4147 0.4259 0.4465 0.4273 0.4252 0.4221 0.4291 0.4242 0.4423 0.4242 0.4242 0.4242 0.4242 0.4443 0.4565 0.4342 0.4465	0.3984 0.4028 0.3833 0.3814 0.3853 0.4028 0.4071 0.3893 0.3984 0.4162 0.4212 0.4028 0.4021 0.4028 0.4001 0.4021 0.4028 0.3984 0.4028 0.3984 0.4028 0.4028 0.4028 0.4028 0.4028 0.4028 0.4028 0.4028 0.4028 0.4028 0.4028 0.4028	KC KD	0.4455 0.4582 0.4483 0.4483 0.477 0.4592 0.477 0.4592 0.4405 0.4667 0.4592 0.4667 0.4592 0.4667 0.4592 0.4667 0.4592 0.467 0.4592 0.467 0.4592 0.4687 0.479 0.4982 0.4493 0.4592 0.4592 0.4593 0.4493 0.4493 0.4493 0.4493 0.4493 0.4493 0.4592 0.4493 0.4493 0.4493 0.4493 0.4493 0.4493 0.4592 0.4592 0.4593 0.4	0.4071 0.4099 0.3919 0.3919 0.4099 0.4126 0.3919 0.4071 0.4269 0.4071 0.4269 0.4099 0.4071 0.4269 0.4099 0.4099 0.4099 0.4099 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.3715
0.364   0.344   0.3846   0.3557   0.4073   0.3644   0.4281   0.3715   0.4486   0.3762	FC FD	0.353 0.3615 0.3799 0.3512 0.359 0.3615 0.3702 0.367 0.399 0.3015 0.3641 0.3615 0.3641 0.3615 0.3641 0.3615 0.3641 0.3641 0.3641 0.3641 0.3641 0.3645 0.3796 0.3796 0.3796 0.3796 0.3796 0.3695 0.3597 0.	0.3597 0.3597 0.3593 0.3521 0.3465 0.3521 0.3572 0.3572 0.3572 0.3573 0.3659	GC GD	0.3702 0.3823 0.3783 0.367 0.3783 0.3823 0.3923 0.3702 0.3703 0.3703 0.3704 0.3704 0.3704 0.3704 0.3704 0.3704	0.3742 0.3792 0.3798 0.3646 0.3578 0.3675 0.3716 0.3646 0.3772 0.3716 0.3722 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3794 0.3975 0.3798 0.3794 0.3975 0.3794 0.3975 0.3794 0.3974	HC	0.3941 0.4017 0.3889 0.4017 0.408 0.4221 0.4017 0.3994 0.3996 0.4146 0.409 0.4221 0.409 0.4221 0.408 0.3941 0.409 0.4221 0.408 0.3995 0.409 0.	0.3848 0.3915 0.3751 0.369 0.3751 0.369 0.3916 0.3914 0.3914 0.4015 0.4015 0.4015 0.4016 0.3916 0.4016 0.3916 0.405 0.3916 0.405 0.3916 0.	TC TE	0.4221 0.4329 0.4259 0.4147 0.4259 0.4147 0.4259 0.4273 0.4259 0.4221 0.4221 0.4221 0.4221 0.4242 0.4262 0.4273 0.4273 0.4274 0.4274 0.4473 0.4374 0.4374 0.4473 0.4473 0.4176 0.4273 0.4176	0.3984 0.4028 0.3813 0.3813 0.3833 0.3833 0.4028 0.4071 0.3903 0.3903 0.3903 0.4165 0.4212 0.4028 0.4020 0.4212 0.4028 0.4020 0.4021	KC KD	0.4455 0.4582 0.4483 0.4483 0.4373 0.4593 0.4593 0.4400 0.4593	0.4071 0.4099 0.3919 0.3919 0.4059 0.4126 0.3919 0.4071 0.4269 0.4299 0.4071 0.4099 0.4071 0.4099 0.4126 0.4319 0.4126 0.4319 0.4126 0.4319 0.4126 0.4319 0.4126 0.4319 0.4126 0.4319 0.4126 0.4319 0.3715 0.3693 0.3739
0.364   0.344   0.3846   0.3557   0.4073   0.3644   0.4281   0.3715   0.4486   0.3762	FC FD FL1	0.353 0.3615 0.379 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.353 0.3548 0.3641 0.3615 0.3641 0.3615 0.3641 0.3615 0.3641 0.36	0.3597 0.3659 0.37521 0.3465 0.3521 0.3465 0.3521 0.3521 0.3521 0.3597 0.3521 0.3797 0.3604 0.3659 0.3722 0.3659 0.3804 0.3059 0.3659	GC GD GL1	0.3702 0.3825 0.3963 0.3963 0.3932 0.395 0.3903 0.3702 0.3702 0.3702 0.3702 0.3702 0.3969 0.3825 0.3905	0.3722 0.3792 0.3794 0.3646 0.3578 0.3646 0.3798 0.3075 0.3712 0.3712 0.3959 0.3792 0.3799 0.3993 0.3792 0.3790 0.3994 0.3975 0.3792 0.3790 0.3944 0.3975 0.3494 0.3494 0.3494 0.3494 0.3494	HC HL1	0.3941 0.4007 0.4017 0.4018 0.4017 0.408 0.4017 0.3994 0.4017 0.3996 0.4146 0.400 0.4149 0.4221 0.402 0.4221 0.403 0.403 0.403 0.403 0.403 0.403 0.403 0.404 0.404 0.404 0.405 0.406 0.4	0.3848 0.3915 0.3751 0.369 0.3751 0.3916 0.3916 0.3916 0.3751 0.4009 0.3916 0.4015 0.4015 0.4015 0.3964 0.3916 0.4015 0.3964 0.3964 0.3966 0.3557 0.369 0.3751	JB JC JD	0.4221 0.4342 0.4342 0.4292 0.4147 0.4259 0.4373 0.4373 0.4259 0.4221 0.4292 0.443 0.4342 0.4420 0.4242 0.443 0.4542 0.4542 0.465 0.4562 0.4655 0.4765 0.4765 0.4765 0.4765 0.4765 0.4765 0.4776 0.4776 0.4776 0.4776 0.4776 0.4776 0.4776 0.4776	0.3984 0.4028 0.3833 0.3814 0.3853 0.4028 0.4071 0.3953 0.3984 0.4125 0.4212 0.4028 0.4021 0.4020 0.4212 0.4021 0.4020 0.4021 0.4020 0.4021	KE KC KD KL1	0.4455 0.4463 0.4493 0.4493 0.4373 0.4882 0.47 0.4592 0.4697 0.4792 0.4793 0.4792 0.4792 0.4792 0.4793 0.4792 0.4793 0.4792 0.4793	0.4071 0.4091 0.3919 0.3919 0.3919 0.4099 0.4126 0.3919 0.4071 0.4269 0.4269 0.4099 0.3715 0.3099 0.3715
0.3567   0.3390   0.3741   0.2404   0.3054   0.3586   0.4176   0.2578   0.4384   0.3730	FC FD FL1	0.353 0.3615 0.379 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.353 0.3548 0.3641 0.3615 0.3641 0.3615 0.3641 0.3615 0.3641 0.36	0.3597 0.3659 0.37521 0.3465 0.3521 0.3465 0.3521 0.3521 0.3521 0.3521 0.3521 0.3521 0.3726 0.3604 0.3659 0.3659 0.3604 0.3659	GC GD GL1	0.3702 0.3825 0.3963 0.3963 0.3932 0.395 0.3903 0.3702 0.3702 0.3702 0.3702 0.3702 0.3969 0.3825 0.3905	0.3722 0.3792 0.3794 0.3646 0.3578 0.3646 0.3798 0.3075 0.3712 0.3712 0.3959 0.3792 0.3799 0.3993 0.3792 0.3790 0.3994 0.3975 0.3792 0.3790 0.3944 0.3975 0.3494 0.3494 0.3494 0.3494 0.3494	HC HL1	0.3941 0.4007 0.4017 0.4018 0.4017 0.408 0.4017 0.3994 0.4017 0.3996 0.4146 0.400 0.4149 0.4221 0.402 0.4221 0.403 0.400 0.423 0.403 0.403 0.403 0.403 0.403 0.404 0.404 0.404 0.405 0.406 0.4	0.3848 0.3915 0.3751 0.369 0.3751 0.3916 0.3916 0.3916 0.3751 0.4009 0.3916 0.4015 0.4015 0.4015 0.3964 0.3916 0.4015 0.3964 0.3964 0.3966 0.3557 0.369 0.3751	JB JC JD	0.4221 0.4342 0.4342 0.4292 0.4147 0.4259 0.4373 0.4373 0.4259 0.4221 0.4292 0.443 0.4342 0.4420 0.4242 0.443 0.4542 0.4542 0.465 0.4562 0.4655 0.4765 0.4765 0.4765 0.4765 0.4765 0.4765 0.4776 0.4776 0.4776 0.4776 0.4776 0.4776 0.4776 0.4776	0.3984 0.4028 0.3833 0.3814 0.3853 0.4028 0.4071 0.3953 0.3984 0.4125 0.4212 0.4028 0.4021 0.4020 0.4212 0.4021 0.4020 0.4021 0.4020 0.4021	KE KC KD KL1	0.4455 0.4463 0.4493 0.4493 0.4373 0.4882 0.47 0.4592 0.4697 0.4792 0.4793 0.4792 0.4792 0.4792 0.4793 0.4792 0.4793 0.4792 0.4793	0.4071 0.4091 0.3919 0.3919 0.3919 0.4099 0.4126 0.3919 0.4071 0.4269 0.4269 0.4099 0.3715 0.3099 0.3715
0.3548   0.3736   0.3736   0.3874   0.3996   0.4015   0.4299   0.4165   0.4562   0.4266	FC FD FL1	0.353 0.3615 0.379 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.3548 0.3548 0.3615 0.3615 0.3615 0.3736 0.3736 0.3736 0.3792 0.3615 0.3792 0.3615 0.3792 0.3615 0.3793 0.3793 0.3548 0.3793 0.3793 0.3593 0.3593 0.3593 0.3793 0.3593 0.3593 0.3793 0.3593 0.3793 0.3793 0.3593 0.3593 0.3793 0.3793 0.3593 0.3593 0.3793 0.3593 0.3593 0.3793 0.3593 0.3593 0.3593 0.3793 0.3793 0.3593 0.3593 0.3593 0.3793 0.3593 0.3	0.3597 0.3659 0.3521 0.3465 0.3521 0.3521 0.3521 0.3521 0.3521 0.3521 0.3597 0.3659	GC GD GL1	0.3702 0.3825 0.3983 0.367 0.3783 0.3925 0.3995 0.3903 0.3702 0.3702 0.3702 0.3905 0.3825 0.3905 0.3825 0.3905 0.3825 0.3905	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3675 0.3716 0.3722 0.3874 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3494 0.3494 0.3494 0.3716	HC HL1	0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4107 0.4017 0.3941 0.3941 0.408 0.34146 0.408 0.34146 0.408 0.4017 0.408 0.3941 0.408 0.3941 0.408 0.3941 0.408 0.3941 0.408 0.3941 0.408 0.3941 0.408 0.3941 0.408 0.3941 0.408 0.4097 0.	0.3848 0.3916 0.39751 0.369 0.3751 0.3994 0.3916 0.3916 0.3916 0.3916 0.4089 0.4016 0.4089 0.4016 0.4089 0.4060 0.3916 0.3916 0.3936	JB JC JD	0.4221 0.4342 0.4259 0.4147 0.4259 0.4465 0.4273 0.4259 0.4221 0.4251 0.4291 0.4242 0.4443 0.4242 0.4242 0.4443 0.4565 0.4342 0.4465 0.4342 0.4465 0.4342 0.4465 0.4342 0.4465 0.4342 0.4465 0.4342 0.4465 0.4342 0.4465 0.4342 0.4465 0.4342 0.4465 0.4342 0.4465 0.4342 0.4465 0.4342 0.4473 0.4176 0.4073 0.4176 0.4073	0.3984 0.4028 0.3853 0.3853 0.4028 0.4071 0.3893 0.3953 0.3954 0.4165 0.4212 0.4028 0.4071 0.4028 0.4071 0.4028 0.4021 0.4028 0.3964 0.4026 0.4021 0.4028 0.3964 0.3014	KE KC KD KL1	0.4455 0.4582 0.4483 0.4483 0.477 0.493 0.4403 0.4403 0.4403 0.4403 0.4582 0.4667 0.4582 0.4667 0.4582 0.467 0.4582 0.467 0.4582 0.467 0.47 0	0.4071 0.4099 0.3919 0.3919 0.4099 0.4126 0.3914 0.3919 0.4071 0.4269 0.4099 0.4071 0.4289 0.4099 0.4099 0.4099 0.4099 0.4099 0.4099 0.3919 0.3715 0.3999 0.3715 0.3739 0.3715
0.3571   0.3907   0.3971   0.4034   0.4062   0.4213   0.4377   0.4346   0.4659   0.4449	FC FD FL1	0.353 0.3615 0.379 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.3541 0.3641 0.3615 0.3641 0.3645 0.3736 0.9702 0.3615 0.3495 0.359 0.359	0.3597 0.3597 0.3593 0.3521 0.3465 0.3521 0.3578 0.3578 0.3578 0.3578 0.3578 0.3659	GC GD GL1	0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.393 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3703	0.3742 0.3798 0.3646 0.3578 0.3646 0.3798 0.3616 0.3712 0.3716 0.3646 0.3722 0.3959 0.3798	HC HL1	0.3941 0.4007 0.4017 0.4018 0.4017 0.4018 0.4017 0.4017 0.3994 0.400 0.4146 0.400 0.4149 0.402 0.4221 0.408 0.3941 0.400 0.4129 0.4221 0.400 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.400 0.4146 0.400 0.4	0.3848 0.3915 0.3751 0.369 0.3751 0.369 0.3916 0.3916 0.3916 0.4015 0.4015 0.4015 0.3916 0.4015 0.3916	JB JC JD	0.4221 0.4342 0.4329 0.4147 0.4259 0.4147 0.4259 0.4273 0.4259 0.4271 0.4292 0.443 0.4373 0.4502 0.4442 0.4442 0.4442 0.4442 0.4443 0.4502 0.4652 0.46562 0.46	0.3984 0.4028 0.3853 0.3814 0.3853 0.4028 0.4071 0.3803 0.3903 0.3903 0.3903 0.4125 0.4125 0.4124 0.4020 0.4212 0.4028 0.3904 0.4020 0.4212 0.4028 0.3904 0.4020 0.4212 0.4028 0.3904 0.4021 0.4028 0.3904 0.3904 0.3904 0.3904 0.3903 0.3903 0.3903 0.3903 0.3903 0.3903	KE KC KD KL1	0.4455 0.4562 0.4483 0.4483 0.473 0.4882 0.470 0.4503 0.4405 0.4502 0.4607 0.4502 0.4502 0.4502 0.4502 0.4502 0.4502 0.4502 0.4502 0.4502 0.4502 0.4502 0.4502 0.4502 0.4502 0.4502 0.4503 0.4502 0.4503	0.4071 0.4099 0.3919 0.3919 0.4059 0.4126 0.3919 0.4126 0.3919 0.4071 0.4269 0.4299 0.4071 0.4009 0.4071 0.4009 0.4126 0.3715 0.3919 0.3715 0.3919 0.3739 0.3715 0.3739 0.3715 0.3739 0.3715 0.3739 0.3715
0.3571   0.3907   0.3971   0.4034   0.4062   0.4213   0.4377   0.4346   0.4059   0.4449	FC FD FL1	0.353 0.3615 0.379 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.353 0.3641 0.3615 0.3641 0.3736 0.3736 0.3736 0.3736 0.3736 0.3736 0.359 0.3615 0.3615 0.3615 0.3615 0.3615 0.3702 0.3615 0.3736 0.3736 0.3736 0.353 0.353 0.364 0.353 0.364 0.353 0.3567 0.3567 0.3667 0.3	0.3597 0.3659 0.3721 0.3465 0.3521 0.3465 0.3521 0.3578 0.3521 0.3578 0.3597 0.3598 0.3599 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3722 0.3722 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759	GC GD GL1	0.3702 0.3825 0.3963 0.3972 0.3982 0.3995 0.3999 0.3999 0.3999 0.3999 0.3999 0.3902 0.3902 0.3902 0.3902 0.3902 0.3902 0.3902 0.3902 0.3902 0.3902 0.3903 0.3903 0.3903 0.3904 0.3904 0.3904 0.3904 0.3904 0.3908 0.3908 0.3908	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3675 0.3716 0.3722 0.3716 0.3722 0.3974 0.3979 0.3979 0.3979 0.3979 0.3979 0.3979 0.3984 0.3979 0.3944 0.3975 0.3798 0.3494 0.3494 0.3494 0.3494 0.3494 0.3716 0.35716	HC HL1	0.3941 0.4008 0.4017 0.3889 0.4017 0.408 0.4221 0.4147 0.3994 0.4017 0.3994 0.400 0.4146 0.408 0.3941 0.408 0.4221 0.408 0.3941 0.408 0.3941 0.408 0.3941 0.408 0.3941 0.408 0.409 0.421 0.408 0.394 0.409 0.421 0.408 0.394 0.408 0.409 0.4017 0.3954 0.3965 0.3665	0.3848 0.3915 0.3751 0.369 0.3751 0.3994 0.3916 0.3994 0.3751 0.3848 0.4059 0.3916 0.4069 0.3916 0.4069 0.3916 0.3964 0.3916 0.3966 0.3557 0.3686 0.3557 0.3586 0.3557 0.3586 0.3557	JB JC JD	0.4221 0.4342 0.4342 0.4292 0.4147 0.4259 0.4259 0.4259 0.4251 0.4259 0.4261 0.4262 0.4262 0.4262 0.4265 0.4373 0.4147 0.4259 0.4265 0.4365 0.	0.3984 0.4028 0.3833 0.3814 0.3853 0.4028 0.4071 0.3893 0.3984 0.4212 0.4020 0.4212 0.4021 0.	KE KC KD KL1	0.4455 0.4582 0.4493 0.4493 0.4493 0.4493 0.4493 0.4405 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4593 0.4974 0.4973 0.4973 0.4973 0.4973 0.4973 0.4973 0.4973 0.4974	0.4071 0.4091 0.3919 0.3919 0.3919 0.4099 0.4126 0.3941 0.4291 0.4091 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.3715 0.3739 0.3715 0.3739 0.3715 0.3739 0.3740 0.37420
FU1 0.3669 0.3057 GU1 0.3012 0.4119 HU1 0.4212 0.4262 JU1 0.4518 0.4206 KU1 0.4702 0.4470 0.3661 0.3804 0.3809 0.3958 0.4416 0.4089 0.4415 0.4299 0.4165 0.4562 0.4265 0.3548 0.3736 0.3874 0.3996 0.4015 0.4299 0.4165 0.4562 0.4562 0.4266 0.3668 0.3957 0.3913 0.4118 0.4212 0.4262 0.4518 0.4396 0.4396 0.4792 0.4799 0.4799 0.4791 0.3771 0.4034 0.402 0.4021 0.4021 0.4262 0.4518 0.4396 0.4792 0.4792 0.4799 0.4791 0.3773 0.4346 JU2 0.4562 0.4563 0.4813 0.4519 0.4519 0.4792 0.4791	FC FD FL1	0.353 0.3615 0.379 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.353 0.3641 0.3615 0.3641 0.3736 0.3736 0.3736 0.3736 0.3736 0.3736 0.359 0.3615 0.3615 0.3615 0.3615 0.3615 0.3702 0.3615 0.3736 0.3736 0.3736 0.353 0.353 0.364 0.353 0.364 0.353 0.3567 0.3567 0.3667 0.3	0.3597 0.3659 0.3721 0.3465 0.3521 0.3465 0.3521 0.3578 0.3521 0.3578 0.3597 0.3598 0.3599 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3722 0.3722 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759 0.3759	GC GD GL1	0.3702 0.3825 0.3963 0.3972 0.3982 0.3995 0.3999 0.3702 0.3702 0.3702 0.3969 0.3869 0.3869 0.4005 0.395 0.	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3675 0.3716 0.3722 0.3716 0.3722 0.3974 0.3979 0.3979 0.3979 0.3979 0.3979 0.3979 0.3984 0.3979 0.3944 0.3975 0.3798 0.3494 0.3494 0.3494 0.3494 0.3494 0.3494 0.3716 0.35716	HC HL1	0.3941 0.4008 0.4017 0.3889 0.4017 0.408 0.4221 0.4147 0.3994 0.4017 0.3994 0.400 0.4146 0.408 0.3941 0.408 0.4221 0.408 0.3941 0.408 0.3941 0.408 0.3941 0.408 0.3941 0.408 0.409 0.421 0.408 0.394 0.409 0.421 0.408 0.394 0.408 0.409 0.4017 0.3954 0.3965 0.3665	0.3848 0.3915 0.3751 0.369 0.3751 0.3994 0.3916 0.3994 0.3751 0.3848 0.4059 0.3916 0.4069 0.3916 0.4069 0.3916 0.4069 0.3916 0.3964 0.3956 0.3956 0.3557 0.3668 0.3557 0.3586 0.3557 0.3586	JB JC JD	0.4221 0.4342 0.4342 0.4292 0.4147 0.4259 0.4259 0.4259 0.4251 0.4259 0.4261 0.4262 0.4262 0.4262 0.4265 0.4373 0.4147 0.4259 0.4265 0.4365 0.	0.3984 0.4028 0.3833 0.3814 0.3853 0.4028 0.4071 0.3893 0.3984 0.4212 0.4020 0.4212 0.4021 0.	KE KC KD KL1	0.4455 0.4582 0.4493 0.4493 0.4493 0.4493 0.4493 0.4405 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4592 0.4593 0.4974 0.4973 0.4973 0.4973 0.4973 0.4973 0.4973 0.4973 0.4974	0.4071 0.4091 0.3919 0.3919 0.3919 0.4099 0.4126 0.3919 0.4071 0.426 0.4299 0.4126 0.4299 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.3715 0.3715 0.3715 0.3715 0.3715 0.3719 0.3715 0.3739
0.3641 0.3804 0.3869 0.3958 0.4146 0.4089 0.443 0.4212 0.4687 0.4289 0.3958 0.3958 0.3958 0.4015 0.4299 0.4165 0.429 0.4562 0.426 0.4562 0.426 0.3668 0.3957 0.3913 0.4118 0.4212 0.4262 0.4518 0.4396 0.4914 0.4099 0.4165 0.4792 0.4792 0.4799 0.4799 0.3736 0.3874 0.4006 0.4044 0.4099 0.4165 0.4562 0.4562 0.4562 0.4563 0.4964 0.4914 0.4099 0.4165 0.4562 0.4562 0.4265 0.4813 0.4319	FC FD FL1	0.353 0.3615 0.379 0.3512 0.359 0.3515 0.3702 0.367 0.359 0.353 0.3548 0.3615 0.3702 0.3615 0.3541 0.3615 0.3615 0.3615 0.3641 0.3736 0.3615 0.3641 0.3736 0.3736 0.3615 0.3597	0.3597 0.3659 0.3521 0.3465 0.3521 0.3521 0.3521 0.3521 0.3521 0.3521 0.3521 0.3597 0.3722 0.3598 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3722 0.3539 0.3539 0.3531	GC GD GL1	0.3702 0.3825 0.3983 0.367 0.3783 0.3825 0.3995 0.3908 0.3702 0.3702 0.3702 0.3702 0.3702 0.3825 0.3825 0.3825 0.3825 0.3825 0.3825 0.395	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3675 0.3716 0.3722 0.3874 0.3959 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3444 0.3994 0.3494 0.3494 0.3494 0.3557 0.3756	HC HL1	0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4107 0.3941 0.3941 0.408 0.3941 0.408 0.3941 0.408 0.3941 0.408 0.3941 0.408 0.3941 0.408 0.3941 0.408 0.3941 0.408 0.409 0.4017 0.4073 0.3954 0.4073 0.4073 0.3996	0.3848 0.3916 0.3751 0.369 0.3751 0.3994 0.3916 0.3994 0.3751 0.3648 0.4015 0.3916 0.4019 0.3916 0.4019 0.3916 0.4019 0.3916 0.3916 0.3936	JB JC JD	0.4221 0.4342 0.4259 0.4147 0.4259 0.4445 0.4273 0.4259 0.4251	0.3984 0.4028 0.3853 0.3853 0.4028 0.4071 0.3893 0.3953 0.3984 0.4165 0.4212 0.4028 0.4071 0.4028 0.4021 0.4028 0.4021 0.4028 0.3964 0.4026 0.4021 0.4028 0.3678 0.3678 0.3678 0.3678 0.3678 0.3715 0.3715	KE KC KD KL1	0.4455 0.4582 0.4483 0.4483 0.477 0.493 0.4403 0.4403 0.4403 0.4403 0.4502 0.4503	0.4071 0.4091 0.3919 0.3919 0.3919 0.4099 0.4126 0.3944 0.3919 0.4071 0.4269 0.4099 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.3715 0.3729 0.3715 0.3729 0.3762 0.3762
0.3641 0.3804 0.3869 0.3958 0.4146 0.4089 0.443 0.4212 0.4687 0.4289 0.3958 0.3958 0.3958 0.4015 0.4299 0.4165 0.429 0.4562 0.426 0.4562 0.426 0.3668 0.3957 0.3913 0.4118 0.4212 0.4262 0.4518 0.4396 0.4914 0.4099 0.4165 0.4792 0.4792 0.4799 0.4799 0.3736 0.3874 0.4006 0.4044 0.4099 0.4165 0.4562 0.4562 0.4562 0.4563 0.4964 0.4914 0.4099 0.4165 0.4562 0.4562 0.4265 0.4813 0.4319	FD FL1	0.353 0.3615 0.379 0.2512 0.359 0.3615 0.3702 0.367 0.359 0.3548 0.3641 0.3615 0.3736 0.3641 0.3641 0.3641 0.3641 0.3641 0.3645 0.3736 0.3736 0.3736 0.3736 0.3736 0.359 0.3567 0.359 0.3567 0.359 0.3567 0.359 0.3567 0.359	0.3597 0.3659 0.3591 0.3465 0.3592 0.3722 0.3598 0.3578 0.3591 0.3597 0.3659 0.3726 0.3659 0.3726 0.3659 0.3726 0.3659 0.3726 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3726 0.3726 0.3726 0.3727 0.3728 0.3729 0.	GC GD GL1	0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.393 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3069 0.3825 0.3702 0.3069 0.3825 0.3690 0.3069	0.3742 0.3798 0.3646 0.3578 0.3646 0.3798 0.3675 0.3646 0.3712 0.3950 0.3712 0.3950 0.3798 0.3640 0.3798 0.3798 0.3798 0.3404 0.3798 0.3798 0.3798 0.3404 0.3798 0.3798 0.3798 0.3404 0.3798 0.3798 0.3404	HC HD HL1	0.3941 0.4007 0.4017 0.4018 0.4017 0.4018 0.4017 0.4017 0.3996 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.3996 0.4221 0.402 0.403 0.403 0.404 0.404 0.404 0.405 0.404 0.405 0.406 0	0.3848 0.3915 0.3751 0.369 0.3751 0.369 0.3751 0.3916 0.3916 0.3916 0.3916 0.4009 0.3916 0.3916 0.3040 0.3916 0.3040 0.3916 0.3586 0.3557 0.369 0.3751 0.3586 0.3557 0.3694 0.3586 0.3557 0.3644 0.2586 0.3564 0.3586	JB  JC  JD  JL1  JL2	0.4221 0.4322 0.4329 0.4147 0.4259 0.4147 0.4259 0.4373 0.4259 0.4271 0.4259 0.4271 0.4262 0.4262 0.4262 0.4271 0.4271 0.4271 0.4272 0.4272 0.4272 0.4272 0.4272 0.4272 0.4272 0.4272 0.4272 0.4272 0.4272 0.4272 0.4273 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073	0.3984 0.4028 0.3814 0.3833 0.3814 0.3833 0.4028 0.4071 0.3903 0.3984 0.4125 0.4125 0.4121 0.4128 0.4020 0.4212 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.3678 0.3678 0.3678 0.3678 0.3678 0.3715 0.3679	KE KC KD KL1	0.4455 0.4562 0.4483 0.4483 0.473 0.4882 0.470 0.4593 0.4403 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607	0.4071 0.4091 0.3919 0.3919 0.3919 0.4099 0.4126 0.3944 0.3919 0.4071 0.4269 0.4299 0.4099 0.3715 0.3919 0.3739 0.3715 0.3919 0.3739 0.3715 0.3919 0.3739 0.3715 0.3720 0.3720 0.3720 0.4449
0.3548   0.3736   0.3736   0.3874   0.3996   0.4015   0.4299   0.4165   0.4562   0.4265     0.3641   0.3804   0.3804   0.3869   0.3958   0.4146   0.4089   0.443   0.4212   0.4667   0.4299     0.3668   0.3957   0.3913   0.4118   0.4212   0.4262   0.4518   0.4396   0.4792   0.4479     0.3771   0.4034   0.499   0.4659   0.4449   0.4294   0.4512     0.3736   0.3874   0.4006   0.4044   0.4299   0.4165   0.4562   0.4265   0.4265     0.4659   0.4449   0.4294   0.4512   0.4512     0.3736   0.3874   0.3874   0.4006   0.4044   0.4299   0.4165   0.4562   0.4265     0.4659   0.4449   0.4294   0.4294   0.4294   0.4562   0.4265     0.3736   0.3874   0.4006   0.4044   0.4299   0.4165   0.4562   0.4265     0.3736   0.3874   0.4006   0.4044   0.4299   0.4165   0.4562   0.4265     0.3736   0.3874   0.4006   0.4044   0.4299   0.4165   0.4562   0.4265     0.3736   0.3874   0.4006   0.4044   0.4299   0.4165   0.4562   0.4265     0.3736   0.3874   0.4006   0.4044   0.4299   0.4165   0.4562   0.4265     0.3736   0.3874   0.4006   0.4044   0.4299   0.4165   0.4562   0.4265     0.3736   0.3874   0.4006   0.4044   0.4299   0.4165   0.4562   0.4265     0.3736   0.3874   0.4006   0.4044   0.4299   0.4165   0.4562   0.4265     0.3736   0.3874   0.4006   0.4044   0.4299   0.4165   0.4562   0.4265     0.3736   0.3874   0.4006   0.4044   0.4299   0.4165   0.4562   0.4265     0.3736   0.3874   0.4006   0.4006   0.4006   0.4006   0.4006   0.4006   0.4006     0.3736   0.3874   0.4006   0	FD FL1	0.353 0.3615 0.379 0.2512 0.359 0.3615 0.3702 0.367 0.359 0.3548 0.3641 0.3615 0.3736 0.3641 0.3641 0.3641 0.3641 0.3641 0.3645 0.3736 0.3736 0.3736 0.3736 0.3736 0.359 0.3567 0.359 0.3567 0.359 0.3567 0.359 0.3567 0.359	0.3597 0.3659 0.3591 0.3465 0.3592 0.3722 0.3598 0.3578 0.3591 0.3597 0.3659 0.3726 0.3659 0.3726 0.3659 0.3726 0.3659 0.3726 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3726 0.3726 0.3726 0.3727 0.3728 0.3729 0.	GC GD GL1	0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.393 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3069 0.3825 0.3702 0.3069 0.3825 0.3690 0.3069	0.3742 0.3798 0.3646 0.3578 0.3646 0.3798 0.3675 0.3646 0.3712 0.3959 0.3772 0.3959 0.3798 0.3640 0.3798 0.3798 0.3798 0.3404 0.3798 0.3798 0.3798 0.3404 0.3798 0.3798 0.3798 0.3404 0.3798 0.3798 0.3404	HC HD HL1	0.3941 0.4007 0.4017 0.4018 0.4017 0.4018 0.4017 0.4017 0.3996 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.3996 0.4221 0.402 0.403 0.403 0.404 0.404 0.404 0.405 0.404 0.405 0.406 0	0.3848 0.3915 0.3751 0.369 0.3751 0.369 0.3751 0.3916 0.3916 0.3916 0.3916 0.4009 0.3916 0.3916 0.3040 0.3916 0.3040 0.3916 0.3586 0.3557 0.369 0.3751 0.3586 0.3557 0.3694 0.3586 0.3557 0.3644 0.2586 0.3564 0.3586	JB  JC  JD  JL1  JL2	0.4221 0.4322 0.4329 0.4147 0.4259 0.4147 0.4259 0.4373 0.4259 0.4271 0.4259 0.4271 0.4262 0.4262 0.4262 0.4271 0.4271 0.4271 0.4272 0.4272 0.4272 0.4272 0.4272 0.4272 0.4272 0.4272 0.4272 0.4272 0.4272 0.4272 0.4273 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073	0.3984 0.4028 0.3814 0.3833 0.3814 0.3833 0.4028 0.4071 0.3903 0.3984 0.4125 0.4125 0.4121 0.4128 0.4020 0.4212 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.3678 0.3678 0.3678 0.3678 0.3678 0.3715 0.3679	KE KC KD KL1	0.4455 0.4562 0.4483 0.4483 0.473 0.4882 0.470 0.4593 0.4403 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607 0.4592 0.4607	0.4071 0.4091 0.3919 0.3919 0.3919 0.4099 0.4126 0.3944 0.3919 0.4071 0.4269 0.4299 0.4099 0.3715 0.3919 0.3739 0.3715 0.3919 0.3739 0.3715 0.3919 0.3739 0.3715 0.3720 0.3720 0.3720 0.4449
0.3641   0.3804   0.3869   0.3958   0.4146   0.4089   0.443   0.4212   0.4087   0.4289   0.3771   0.4034   0.402   0.4062   0.4212   0.4262   0.4572   0.4366   0.3772   0.4366   0.3874   0.4006   0.4044   0.4089   0.4165   0.4562   0.4449   0.4494   0.4918   0.4	FD FL1	0.353 0.3615 0.379 0.3512 0.359 0.3515 0.3702 0.367 0.359 0.353 0.3548 0.3641 0.3615 0.3641 0.3615 0.3641 0.3736 0.3615 0.3645 0.3736 0.3615 0.3647 0.3736 0.3736 0.3736 0.3736 0.3736 0.3597 0.3597 0.3597 0.3597 0.3597 0.3597 0.3598	0.3597 0.3659 0.3721 0.3465 0.3521 0.3465 0.3521 0.3578 0.3597 0.3597 0.3797 0.3793 0.3659 0.3591 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3722 0.3736 0.3736 0.3736 0.3736 0.3736	GC GD GL1	0.3702 0.3825 0.3978 0.3978 0.3978 0.3982 0.3999 0.3999 0.3999 0.3999 0.3909 0.3909 0.3909 0.3909 0.3909 0.3902 0.3905 0.3905 0.3905 0.3905 0.3907 0.3907 0.3907 0.3908 0.3907 0.3908 0.3907 0.3908	0.3722 0.3798 0.3646 0.3578 0.3646 0.3798 0.3675 0.3712 0.3716 0.3722 0.3799 0.3799 0.3799 0.3799 0.3799 0.3799 0.3998 0.3798	HC HD HL1	0.3941 0.4008 0.4017 0.3889 0.4017 0.408 0.4221 0.4140 0.4017 0.3994 0.4016 0.408 0.3941 0.400 0.4146 0.408 0.4221 0.408 0.3941 0.4017 0.3954 0.3095 0.3054 0.3055 0.4055 0.4	0.3848 0.3915 0.3751 0.369 0.3751 0.3994 0.3916 0.3994 0.3916 0.4005 0.4005 0.3916 0.4005 0.3916 0.3916 0.3916 0.3916 0.3916 0.3984 0.3916 0.3984 0.3916 0.3557 0.3686 0.3557 0.3696 0.3557 0.3586 0.3557 0.3694 0.3646 0.4015 0.4015	JB  JC  JD  JL1  JL2	0.4221 0.4342 0.4342 0.4429 0.4147 0.4259 0.426 0.427 0.4259 0.427 0.426 0.4373 0.426 0.447 0.429 0.421 0.421 0.421 0.421 0.422 0.421 0.422 0.421 0.422 0.423 0.422 0.423 0.4242 0.433 0.4147 0.4259 0.417 0.4259 0.417 0.4176 0.4073 0.4176 0.4073 0.4176 0.4073 0.4176 0.4299 0.4373 0.4291 0.4176 0.4299 0.4373 0.4291 0.4299 0.4373 0.4291 0.4373	0.3984 0.4028 0.3833 0.3814 0.3853 0.4028 0.4071 0.3893 0.3984 0.4212 0.4028 0.4071 0.4226 0.4071 0.4020 0.4212 0.4028 0.3984 0.4020 0.4212 0.4021 0.4212 0.4071 0.4028 0.3984 0.3988 0.3988 0.3988 0.3988 0.3988 0.3988 0.3988	KE KC KD KL1	0.4465 0.4582 0.4702 0.4702 0.4702 0.4702 0.4702 0.4403 0.4403 0.4502 0.4502 0.4502 0.4502 0.4502 0.4502 0.4503 0.4502 0.4503 0.4502 0.4503 0.4502 0.4503	0.4071 0.4091 0.3919 0.3919 0.3919 0.4099 0.4126 0.3941 0.4071 0.426 0.4289 0.4071 0.4099 0.4071 0.4099 0.4099 0.4099 0.4099 0.4099 0.4126 0.4099 0.3919 0.3715 0.3732 0.3715 0.3739 0.3715 0.3739 0.3744 0.37620 0.3792 0.3752
FU2         0.3668         0.3957         0.3913         0.4118         HU2         0.4212         0.4262         0.4518         0.4396         0.4792         0.4479           FU2         0.3771         0.4034         GU2         0.4062         0.4213         HU2         0.4377         0.4346         JU2         0.4659         0.4449         KU2         0.4926         0.4512           0.3736         0.3874         0.4006         0.4044         0.4299         0.4165         0.4562         0.426         0.4813         0.4319	FD FL1	0.353 0.3615 0.3799 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.3615 0.3703 0.3641 0.3615 0.3615 0.3641 0.3736 0.3736 0.3736 0.3736 0.3736 0.3736 0.3736 0.3567 0.359 0.3567 0.359 0.3567 0.359 0.3567 0.359 0.3567 0.3567 0.3567	0.3597 0.3659 0.3521 0.3465 0.3521	GC GD GL1	0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.3995 0.3993 0.3702 0.3703 0.3704 0.3771 0.3703	0.3722 0.3798 0.3646 0.3578 0.3646 0.3578 0.3675 0.3716 0.3646 0.3772 0.3999 0.3798 0.3798 0.3798 0.3798 0.3798 0.3798 0.3799 0.	HC HD HL1	0.3941 0.4017 0.3889 0.4017 0.408 0.4221 0.4017 0.3941 0.3994 0.400 0.4146 0.3994 0.409 0.4221 0.408 0.3941 0.409 0.4221 0.409 0.4221 0.4017 0.3954 0.4017 0.3954 0.4017 0.3954 0.4017 0.3954 0.4017 0.3954 0.4017 0.3954 0.4017 0.3954 0.4017 0.3954 0.4017 0.3954 0.4017 0.3954 0.4017 0.40	0.3848 0.3915 0.3751 0.369 0.3751 0.369 0.3916 0.3916 0.3916 0.3916 0.3916 0.4015 0.4015 0.4020 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3957 0.369 0.3751 0.3586 0.3751 0.3586 0.3751 0.3586 0.3751 0.3644 0.3564	JB  JC  JD  JL1  JL2	0.4221 0.4329 0.4259 0.4147 0.4259 0.4147 0.4259 0.4242 0.4259 0.4221 0.4221 0.4221 0.4221 0.4242 0.4221 0.4242 0.4242 0.4425 0.4465 0.4465 0.4465 0.4465 0.4465 0.4465 0.4465 0.4465 0.4465 0.4465 0.4465 0.4473 0.4176 0.4299 0.4176 0.4299 0.4377 0.4291 0.4377 0.4291 0.4377	0.3984 0.4028 0.3853 0.3853 0.3853 0.4028 0.4071 0.3993 0.3993 0.3994 0.4165 0.4212 0.4222 0.4223 0.4029 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021	KE KC KD KL1	0.4455 0.4582 0.4483 0.4483 0.477 0.493 0.4403 0.4403 0.4403 0.4403 0.4592 0.4667 0.4592 0.4593 0.4562 0.4562 0.4563	0.4071 0.4099 0.3919 0.3919 0.4029 0.4126 0.3944 0.3919 0.4071 0.426 0.4099 0.4071 0.4289 0.4099 0.4071 0.4099 0.3715 0.3739 0.3739 0.3740 0.3762 0.3740 0.3762 0.4749 0.4726 0.4449
FU2 0.3668 0.3957	FD FL1	0.353 0.3615 0.379 0.3512 0.359 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.3548 0.3641 0.3615 0.3641 0.3615 0.3641 0.3615 0.3615 0.3615 0.3615 0.3615 0.3615 0.3615 0.3615 0.3615 0.3736 0.9702 0.3615 0.3567 0.3567 0.3567 0.3567 0.3567 0.3568 0.3567 0.3568	0.3597 0.3659 0.3521 0.3465 0.3521 0.3465 0.3521 0.3579 0.3521 0.3579 0.3521 0.3997 0.3659 0.3722 0.3659 0.3726 0.3804 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3736	GC GD GL1	0.3702 0.3825 0.3963 0.3963 0.3963 0.3963 0.3963 0.39702 0.3702 0.3703 0.3702 0.3069 0.3825 0.3969 0.3825 0.3969 0.3825 0.3969 0.3825 0.3969 0.3972 0.205 0.3969 0.3972 0.205 0.3969 0.3973 0.3064 0.3773 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3783 0.3783	0.3722 0.3792 0.3794 0.3646 0.3578 0.3646 0.3798 0.3075 0.3075 0.3712 0.3959 0.3772 0.3959 0.3798 0.3494 0.3646 0.3716 0.3798 0.3494 0.3646 0.3716 0.3797 0.3404 0.3794 0.4118 0.4038	HC HD HL1	0.3941 0.4007 0.4017 0.3889 0.4017 0.4087 0.4017 0.4017 0.39941 0.4007 0.4146 0.4008 0.4146 0.4009 0.4121 0.4008 0.4146 0.4009 0.4221 0.4008 0.4009 0.4221 0.4008 0.3941 0.4009 0.4221 0.4008 0.3954 0.4017 0.3954 0.4017 0.3954 0.4017 0.4073 0.3054	0.3848 0.3915 0.3751 0.369 0.3751 0.3994 0.3751 0.39848 0.3916 0.3916 0.3916 0.4009 0.3916 0.4009 0.3916 0.3964 0.2916 0.3966 0.3557 0.366 0.3557 0.366 0.3751 0.3586 0.3751 0.3586 0.3557 0.3644 0.2526 0.4015 0.3644 0.2526	JB  JC  JD  JL1  JL2	0.4221 0.4342 0.4342 0.4429 0.4147 0.4259 0.4147 0.4259 0.4273 0.4259 0.4271 0.4292 0.443 0.4342 0.443 0.4342 0.443 0.456 0.457	0.3984 0.4028 0.3814 0.3823 0.3814 0.3823 0.4028 0.4071 0.3903 0.3953 0.3984 0.4165 0.4212 0.4128 0.4020 0.4212 0.4020 0.4212 0.4021 0.3678 0.3678 0.3678 0.3678 0.3678 0.3678 0.3678 0.3678 0.3678 0.3678 0.3715 0.2678 0.4446 0.4212 0.4466 0.4212	KE KC KD KL1	0.4455 0.4562 0.4483 0.4483 0.473 0.4882 0.47 0.4593 0.4593 0.4593 0.4592 0.4593 0.4592 0.4593 0.4592 0.4593 0	0.4071 0.4091 0.3919 0.3919 0.3919 0.4029 0.4126 0.3914 0.3919 0.4071 0.4260 0.4289 0.4099 0.4126 0.4099 0.4099 0.4099 0.4099 0.4099 0.4099 0.4099 0.4099 0.4126 0.4099 0.4126 0.3715 0.3993 0.3715 0.3729 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3740 0.3762 0.4260 0.4449 0.4470 0.4260
FU2 0.3771 0.4034 GU2 0.4062 0.4213 HU2 0.4377 0.4346 JU2 0.4659 0.4449 KU2 0.4926 0.4512 0.3736 0.3874 0.4006 0.4044 0.4299 0.4165 0.4562 0.426 0.426 0.4813 0.4319	FD FL1	0.353 0.3615 0.379 0.3512 0.359 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.3548 0.3641 0.3615 0.3641 0.3615 0.3641 0.3615 0.3615 0.3615 0.3615 0.3615 0.3615 0.3615 0.3615 0.3615 0.3736 0.9702 0.3615 0.3567 0.3567 0.3567 0.3567 0.3567 0.3568 0.3567 0.3568	0.3597 0.3659 0.37521 0.3465 0.3572 0.3465 0.3573 0.3572 0.3572 0.3572 0.3572 0.3573 0.3726 0.3659 0.3726 0.3659 0.3726 0.3659 0.3726 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3736	GC GD GL1	0.3702 0.3825 0.3963 0.3963 0.3963 0.3963 0.3963 0.39702 0.3702 0.3703 0.3702 0.3069 0.3825 0.3969 0.3825 0.3969 0.3825 0.3969 0.3825 0.3969 0.3972 0.205 0.3969 0.3972 0.205 0.3969 0.3973 0.3064 0.3773 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3781 0.3783 0.3783 0.3783	0.3722 0.3792 0.3794 0.3646 0.3578 0.3646 0.3798 0.3075 0.3075 0.3712 0.3959 0.3772 0.3959 0.3798 0.3494 0.3646 0.3716 0.3798 0.3494 0.3646 0.3716 0.3797 0.3404 0.3794 0.4118 0.4038	HC HD HL1	0.3941 0.4007 0.4017 0.3889 0.4017 0.4087 0.4017 0.4017 0.39941 0.4007 0.4146 0.4008 0.4146 0.4009 0.4121 0.4008 0.4146 0.4009 0.4221 0.4008 0.4009 0.4221 0.4008 0.3941 0.4009 0.4221 0.4008 0.3954 0.4017 0.3954 0.4017 0.3954 0.4017 0.4073 0.3054	0.3848 0.3915 0.3751 0.369 0.3751 0.3994 0.3751 0.39848 0.3916 0.3916 0.3916 0.4009 0.3916 0.4009 0.3916 0.3964 0.2916 0.3966 0.3557 0.366 0.3557 0.366 0.3751 0.3586 0.3751 0.3586 0.3557 0.3644 0.2526 0.4015 0.3644 0.2526	JB  JC  JD  JL1  JL2	0.4221 0.4342 0.4342 0.4429 0.4147 0.4259 0.4147 0.4259 0.4273 0.4259 0.4271 0.4292 0.443 0.4342 0.443 0.4342 0.443 0.456 0.457	0.3984 0.4028 0.3814 0.3823 0.3814 0.3823 0.4028 0.4071 0.3903 0.3953 0.3984 0.4165 0.4212 0.4128 0.4020 0.4212 0.4020 0.4212 0.4021 0.3678 0.3678 0.3678 0.3678 0.3678 0.3678 0.3678 0.3678 0.3678 0.3678 0.3715 0.2678 0.4446 0.4212 0.4466 0.4212	KE KC KD KL1	0.4455 0.4562 0.4483 0.4483 0.473 0.4882 0.47 0.4593 0.4593 0.4593 0.4592 0.4593 0.4592 0.4593 0.4592 0.4593 0	0.4071 0.4091 0.3919 0.3919 0.3919 0.4029 0.4126 0.3914 0.3919 0.4071 0.4260 0.4289 0.4099 0.4126 0.4099 0.4099 0.4099 0.4099 0.4099 0.4099 0.4099 0.4099 0.4126 0.4099 0.4126 0.3715 0.3993 0.3715 0.3729 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3739 0.3740 0.3762 0.4260 0.4449 0.4470 0.4260
0.3736 0.3874 0.4006 0.4044 0.4299 0.4165 0.4562 0.426 0.4813 0.4319	FD FL1	0.353 0.3615 0.3792 0.3512 0.359 0.3515 0.3702 0.367 0.359 0.3548 0.3641 0.3615 0.3641 0.3702 0.3615 0.3641 0.3702 0.3615 0.3645 0.3702 0.3615 0.3641 0.3736 0.3702 0.3615 0.3548 0.3567 0.359 0.3567 0.3567 0.3548 0.3571 0.3668 0.3641	0.3597 0.3659 0.3721 0.3465 0.3521 0.3465 0.3521 0.3597 0.3722 0.3578 0.3597 0.3797 0.3793 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3722 0.3736 0.3736 0.3736 0.3736 0.3736 0.3736 0.3736 0.3736 0.3736 0.3877 0.3804	GC GD GL1	0.3702 0.3825 0.39783 0.367 0.3783 0.3825 0.3995 0.3996 0.3702 0.3702 0.3702 0.3702 0.3703 0.3060 0.395 0.3825 0.395 0.3969 0.3825 0.3969 0.3969 0.3969 0.3969 0.3973 0.3761 0.364 0.3773 0.364 0.3773 0.3783 0.364 0.3773 0.3783 0.364 0.3773 0.3783	0.3742 0.3798 0.3646 0.3578 0.3646 0.3798 0.3675 0.3716 0.3722 0.3798 0.3772 0.3798 0.3798 0.3799 0.3799 0.3799 0.3799 0.3799 0.3799 0.3799 0.3998 0.3799 0.	HC HD HL1	0.3941 0.4008 0.4017 0.3889 0.4017 0.408 0.4221 0.4141 0.3994 0.4017 0.3994 0.400 0.4146 0.409 0.4221 0.408 0.3941 0.409 0.4221 0.408 0.3941 0.4017 0.3954 0.3964 0.3954 0.3964 0.3954 0.3954 0.3954 0.4017 0.4147 0.4073 0.4074 0.4073 0.4074 0.40	0.3848 0.3915 0.3751 0.369 0.3751 0.3994 0.3916 0.3994 0.3916 0.3916 0.4069 0.3916 0.4069 0.3916 0.3916 0.4069 0.3916 0.3964 0.3916 0.3964 0.3964 0.3966 0.3557 0.3586 0.3557 0.3586 0.3557 0.3586 0.3557 0.3586 0.3557 0.3586 0.3557 0.3586 0.3557 0.3586 0.3557 0.3586 0.3557 0.3586 0.3557 0.3586 0.3557 0.3586 0.3557 0.3614 0.36446 0.4015 0.4262 0.4069	JB  JC  JD  JL1  JL2	0.4221 0.4342 0.4342 0.4429 0.4147 0.4259 0.4259 0.4259 0.4421 0.4251	0.3984 0.4028 0.3833 0.3814 0.3853 0.4028 0.4071 0.3993 0.3984 0.4020 0.4212 0.4028 0.4071 0.4020 0.4212 0.4028 0.3994 0.4020 0.4212 0.4021	KE KC KD KL1	0.4465 0.4582 0.4702 0.4703 0.4832 0.4703 0.4832 0.4703 0.4403 0.4403 0.4562 0.4562 0.4562 0.4562 0.4562 0.4562 0.4563 0.4562 0.4563 0.4703 0.4903	0.4071 0.4091 0.3919 0.3919 0.3919 0.4099 0.4126 0.3941 0.4091 0.4071 0.426 0.4099 0.4126 0.4099 0.4126 0.4099 0.4126 0.4099 0.4099 0.4126 0.4099 0.4126 0.4099 0.3715 0.3732 0.3715 0.3732 0.3715 0.3732 0.3744 0.3762 0.3762 0.426 0.4426 0.4429 0.4269 0.4299 0.4299
	FD FL1 FL2	0.353 0.3615 0.3799 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.3615 0.3702 0.3641 0.3015 0.3641 0.3615 0.3641 0.3641 0.3656 0.3736 0.3736 0.3736 0.3736 0.3736 0.3736 0.3548 0.3548 0.3548 0.3548 0.3548	0.3597 0.3659 0.3521 0.3465 0.3521	GC GD GL1	0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.3995 0.3898 0.3702 0.3702 0.3905 0.3702 0.3905 0.3702 0.3905 0.3702 0.3905 0.3702 0.3905 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3703 0.3704 0.3774 0.3783 0.3741 0.3741 0.3783 0.3783 0.3783 0.3784 0.3771 0.3903 0.3903 0.3771 0.2012 0.3736 0.3771 0.2012 0.3809 0.3736 0.3771 0.2012	0.3742 0.3798 0.3646 0.3578 0.3646 0.3578 0.3675 0.3716 0.3646 0.3772 0.3999 0.3798 0.3792 0.3799 0.3798 0.3792 0.3790 0.3956 0.3792 0.3794 0.3975 0.3444 0.3975 0.3444 0.3576 0.3494 0.3646 0.3494 0.3646 0.3494 0.3646 0.3716 0.3577 0.2404 0.3677 0.2404 0.3716 0.3677 0.2404 0.3716 0.3677	HC HC HL:	0.3941 0.4007 0.4017 0.3889 0.4017 0.4021 0.4017 0.3994 0.4017 0.3994 0.4146 0.3996 0.4146 0.3996 0.4146 0.3995 0.4021 0.408 0.3954 0.409 0.4146 0.409	0.3848 0.3915 0.3751 0.369 0.3751 0.369 0.3751 0.3814 0.3751 0.3814 0.3751 0.3648 0.4015 0.4021 0.3614 0.3751 0.3648 0.3916 0.3916 0.3557 0.369 0.3751 0.3586 0.3575 0.3586 0.3575 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.369	ль ло ль ль	0.4221 0.4342 0.4259 0.4147 0.4259 0.4147 0.4259 0.4273 0.4259 0.4271 0.4259 0.4271 0.4262 0.4271 0.4242 0.4271 0.4242 0.4271 0.4242 0.4473 0.4176 0.4273 0.4176 0.4273 0.4176 0.4273 0.4176 0.4273 0.4176 0.4273 0.4176 0.4273 0.4281 0.4377 0.4518 0.4299 0.4377 0.4518	0.3984 0.4028 0.3814 0.3853 0.3814 0.3853 0.4028 0.4071 0.3893 0.3993 0.3993 0.4021 0.4020 0.4212 0.4020 0.4226 0.4021	KE KC KD KL1 KL2 KU1	0.4455 0.4582 0.4483 0.4773 0.4483 0.4373 0.4483 0.4582 0.470 0.4592 0.4697 0.4592 0.4697 0.4592 0.4683 0.4483 0.470 0.4992 0.4697 0.4592 0.4697 0.4592 0.4697 0.4592 0.4697 0.4592 0.4697 0.4592 0.4697 0.4592 0.4697 0.4592 0.4697 0.4592 0.4697 0.4592 0.4697 0.4592 0.4699 0.4792 0.4659	0.4071 0.4091 0.3919 0.3919 0.3919 0.4029 0.4126 0.3944 0.3919 0.4071 0.4229 0.4239 0.4071 0.4009 0.4731 0.4009 0.4731 0.4009 0.4731 0.4009 0.4731 0.4732 0.4742 0.4749 0.47470 0.4235
	FD FL1 FL2	0.353 0.3615 0.3799 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.3615 0.3702 0.3641 0.3015 0.3641 0.3615 0.3641 0.3641 0.3656 0.3736 0.3736 0.3736 0.3736 0.3736 0.3736 0.3548 0.3548 0.3548 0.3548 0.3548	0.3597 0.3659 0.3521 0.3465 0.3521	GC GD GL1	0.3702 0.3825 0.3783 0.367 0.3783 0.3825 0.3995 0.3898 0.3702 0.3702 0.3905 0.3702 0.3905 0.3702 0.3905 0.3702 0.3905 0.3702 0.3905 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3702 0.3703 0.3704 0.3774 0.3783 0.3741 0.3741 0.3783 0.3783 0.3783 0.3784 0.3771 0.3903 0.3903 0.3771 0.2012 0.3736 0.3771 0.2012 0.3809 0.3736 0.3771 0.2012	0.3742 0.3798 0.3646 0.3578 0.3646 0.3578 0.3675 0.3716 0.3646 0.3772 0.3999 0.3798 0.3792 0.3799 0.3798 0.3792 0.3790 0.3956 0.3792 0.3794 0.3975 0.3444 0.3975 0.3444 0.3576 0.3494 0.3646 0.3494 0.3646 0.3494 0.3646 0.3716 0.3577 0.2404 0.3677 0.2404 0.3716 0.3677 0.2404 0.3716 0.3677	HC HC HL:	0.3941 0.4007 0.4017 0.3889 0.4017 0.4021 0.4017 0.3994 0.4017 0.3994 0.4146 0.3996 0.4146 0.3996 0.4146 0.3995 0.4021 0.408 0.3954 0.409 0.4146 0.409	0.3848 0.3915 0.3751 0.369 0.3751 0.369 0.3751 0.3814 0.3751 0.3814 0.3751 0.3648 0.4015 0.4021 0.3614 0.3751 0.3648 0.3916 0.3916 0.3557 0.369 0.3751 0.3586 0.3575 0.3586 0.3575 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.3557 0.3694 0.369	ль ло ль ль	0.4221 0.4342 0.4259 0.4147 0.4259 0.4147 0.4259 0.4273 0.4259 0.4271 0.4259 0.4271 0.4262 0.4271 0.4242 0.4271 0.4242 0.4271 0.4242 0.4473 0.4176 0.4273 0.4176 0.4273 0.4176 0.4273 0.4176 0.4273 0.4176 0.4273 0.4176 0.4273 0.4281 0.4377 0.4518 0.4299 0.4377 0.4518	0.3984 0.4028 0.3814 0.3853 0.3814 0.3853 0.4028 0.4071 0.3893 0.3993 0.3993 0.4021 0.4020 0.4212 0.4020 0.4226 0.4021	KE KC KD KL1 KL2 KU1	0.4455 0.4582 0.4483 0.4773 0.4483 0.4373 0.4483 0.4582 0.470 0.4592 0.4697 0.4592 0.4697 0.4592 0.4683 0.4483 0.470 0.4992 0.4697 0.4592 0.4697 0.4592 0.4697 0.4592 0.4697 0.4592 0.4697 0.4592 0.4697 0.4592 0.4697 0.4592 0.4697 0.4592 0.4697 0.4592 0.4697 0.4592 0.4699 0.4792 0.4659	0.4071 0.4091 0.3919 0.3919 0.3919 0.4029 0.4126 0.3944 0.3919 0.4071 0.4229 0.4239 0.4071 0.4009 0.4731 0.4009 0.4731 0.4009 0.4731 0.4009 0.4731 0.4732 0.4742 0.4749 0.47470 0.4235
0.5041   0.5004   0.5009   0.5950   0.4140   0.4089   0.443   0.4212   0.4087   0.4289	FD FL1 FL2	0.353 0.3615 0.379 0.3512 0.359 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.353 0.3548 0.3641 0.3615 0.3736 0.9702 0.3615 0.3615 0.3615 0.3615 0.359 0.3567 0.359 0.3567 0.359 0.3567 0.359 0.3567 0.359 0.3568 0.3641 0.3648 0.3641 0.3648 0.3641 0.3648	0.3597 0.3659 0.3759 0.3759 0.3759 0.3759 0.3752 0.3579 0.3572 0.35770	GC GD GL1	0.3702 0.3825 0.3978 0.3978 0.3978 0.3982 0.3995 0.3993 0.3702 0.3702 0.3702 0.3969 0.3825 0.3906 0.3906 0.3907 0.3060 0.3907 0.3060 0.3907 0.30702 0.30703 0.3702 0.30703 0.30704 0.30703 0.30703 0.30704 0.30703 0.3704 0.3706 0.3906 0.3906 0.3907 0.3906 0.3906 0.3906 0.3906 0.3906 0.3906 0.3906 0.3906 0.3906 0.3906 0.3906	0.3722 0.3792 0.3798 0.3646 0.3578 0.3646 0.3798 0.3075 0.3716 0.3744 0.3979 0.3979 0.3979 0.3798 0.3494 0.3977 0.3494 0.3494 0.3557 0.3494 0.3557 0.3494 0.3557 0.3494 0.3557 0.3494 0.3593 0.3593 0.3593 0.3693 0.	HC HC HL:	0.3941 0.4007 0.4017 0.4018 0.4017 0.4018 0.4017 0.3996 0.4146 0.400 0.4146 0.400 0.4146 0.400 0.4146 0.3994 0.4221 0.402 0.4221 0.403 0.3941 0.400 0.4146 0.3995 0.4291 0.4017 0.4147 0.4017 0.40	0.3848 0.3916 0.3751 0.369 0.3751 0.3994 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.4019 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3957 0.369 0.3751 0.3644 0.3596 0.3751 0.3644 0.2596 0.4015 0.40415 0.4015 0.4015 0.4015 0.4015 0.4015 0.4015 0.4015 0.4015 0.4015 0.4015 0.4015 0.4015 0.4015 0.4015 0.4015 0.4015 0.4015 0.4015	ль ло ль ль	0.4221 0.4342 0.4342 0.4342 0.4429 0.4147 0.4259 0.4273 0.4259 0.4271 0.4259 0.4242 0.4443 0.4342 0.4456 0.4262 0.4465 0.4262 0.4465 0.4262 0.4465 0.4273 0.4176 0.4073 0.4176 0.4073 0.4176 0.4299 0.4373 0.4176 0.4299 0.4373 0.4189 0.4343 0.4518 0.4439 0.4459 0.4459	0.3984 0.4028 0.3853 0.3814 0.3853 0.4028 0.4071 0.3903 0.3953 0.3984 0.4165 0.4212 0.4021 0.4020 0.4212 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.4021 0.3678 0.3678 0.3678 0.3678 0.3678 0.3678 0.3678 0.3678 0.3678 0.3678 0.3678 0.3678 0.4165 0.4206 0.4212 0.4165 0.4212 0.4165 0.4212 0.4165 0.4216	KE KC KD KL1 KL2 KU1	0.4455 0.4582 0.4483 0.4493 0.4893 0.477 0.4593 0.4403 0.4593 0.4697 0.4592 0.4697 0.4592 0.4687 0.4592 0.4687 0.4592 0.4687 0.4592 0.4687 0.4592 0.4687 0.4592 0.4687 0.4592 0.4687 0.4592 0.4697 0.4593 0.4793 0.4793 0.4993	0.4071 0.4099 0.3919 0.3919 0.4029 0.4126 0.3919 0.4126 0.3914 0.3919 0.4071 0.4269 0.4289 0.4126 0.4289 0.4126 0.4289 0.4126 0.4289 0.4126 0.4289 0.4126 0.4126 0.3715 0.3932 0.3715 0.3932 0.3715 0.3932 0.3720 0.426 0.4449 0.4470 0.4426 0.4429 0.4470 0.4426 0.4429 0.4470 0.4281
	FD FL1 FL2	0.353 0.3615 0.3792 0.3512 0.359 0.3512 0.359 0.3615 0.3702 0.367 0.359 0.3548 0.3615 0.3641 0.3615 0.3641 0.3736 0.3615 0.3645 0.3702 0.3615 0.3641 0.3736 0.3641 0.3736 0.3641 0.3668 0.3571 0.3668 0.3771 0.3668 0.3771	0.3597 0.3659 0.3721 0.3465 0.3521 0.3465 0.3521 0.3597 0.3722 0.3578 0.3597 0.3723 0.3597 0.3724 0.3597 0.3725 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3659 0.3722 0.3732 0.3732 0.3732 0.3732 0.3732 0.3732 0.3732 0.3736 0.3937	GC GD GL1	0.3702 0.3825 0.39783 0.367 0.3783 0.3825 0.3995 0.3996 0.3702 0.3702 0.3702 0.3702 0.3703 0.3060 0.395 0.3825 0.395 0.3903 0.3702 0.3703 0.3704 0.307	0.3742 0.3798 0.3646 0.3578 0.3646 0.3798 0.3675 0.3716 0.3722 0.3979 0.3716 0.3790 0.3790 0.3998 0.3792 0.3790 0.3998 0.3798	HC HC HL:	0.3941 0.408 0.4017 0.3889 0.4017 0.408 0.4221 0.4141 0.3994 0.3994 0.3941 0.400 0.4146 0.409 0.4221 0.408 0.3941 0.409 0.4221 0.408 0.3995 0.4017 0.3996 0.3054 0.3996 0.4073 0.3996 0.4073 0.3996 0.4073 0.4074 0.4073 0.4073 0.4074 0.4073 0.4074 0.407	0.3848 0.3916 0.39751 0.369 0.3751 0.3994 0.3916 0.3994 0.3918 0.4005 0.3916 0.3916 0.4009 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3916 0.3557 0.3586 0.3557 0.3586 0.3557 0.3586 0.3557 0.3586 0.3557 0.3586 0.3614 0.3644 0.3644 0.3644 0.4015 0.4202 0.4009	ль ло ль ль	0.4221 0.4342 0.4342 0.4292 0.4147 0.4259 0.4259 0.4259 0.4421 0.4259 0.4251	0.3984 0.4028 0.3833 0.3814 0.3853 0.4028 0.4071 0.3893 0.3953 0.3984 0.4125 0.4212 0.4028 0.4071 0.4020 0.4212 0.4028 0.3964 0.3014 0.3953 0.3964 0.3678 0.3644 0.3678 0.3693 0.3715 0.3693 0.3715 0.4266 0.4212 0.4366 0.4212 0.4366 0.4212 0.4396	KE KC KD KL1 KL2 KU1	0.4465 0.4582 0.4483 0.4483 0.4483 0.477 0.4593 0.4403 0.4403 0.4405 0.4562 0.4562 0.4562 0.4562 0.4562 0.4562 0.4562 0.4563 0.4562 0.4667 0.4562 0.4663 0.4770 0.4770 0.4	0.4071 0.4091 0.3919 0.3919 0.3919 0.4091 0.4091 0.4071 0.4289 0.4071 0.4289 0.4071 0.4091

Official Product	Product: HT-T3212DND	Data Sheet No.		
Tentative Product	*********	HT-T3212DND		
Specifications are subject drawings herein are copy	t to change without notice. Data and righted.	June 25, 2013	Version of 1.0	Page 7/20



# **Color Temperature Coordinates**



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Tentative Product	*********	*******				
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#### **Product Characteristics**

# Absolute Maximum Ratings

Product	Emission Color	P <sub>d</sub> (mW)	I <sub>F</sub> (mA)	I <sub>FP</sub> * (mA)	T <sub>J</sub> (°C)	Top (°C)	Tsт (°C)
HT-T3212DND	White	1000	150	200	110	-35°C~+80°C	-40°C~+85°C

<sup>\*</sup> Condition for  $I_{FP}$  is pulse of 1/10 duty and 0.1msec width

# **Electro-Optical Characteristics**

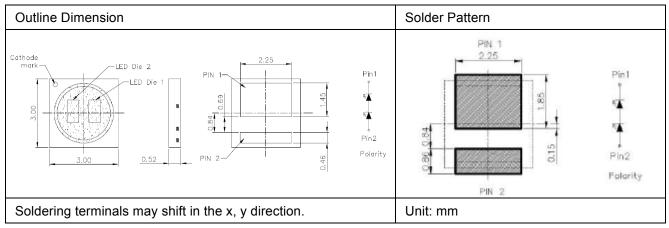
(T<sub>a</sub> 25 °C)

						( - u =
Droduct	Emission	I (m A)	V <sub>F</sub>	(V)	Color	Flux (lm)
Product	Color I <sub>F</sub> (mA) typ max		C.I.E.	typ		
LIT TOOLOONID	\A/la:4.a	150	6.0	7.0	X=0.33	100
HT-T3212DND	White	150	6.0	7.0	Y=0.33	100

<sup>\*</sup> Per NIST standards

# Package Outline Dimension Recommended Soldering Pattern for Reflow Soldering

Unit: mm Tolerance: +/-0.1

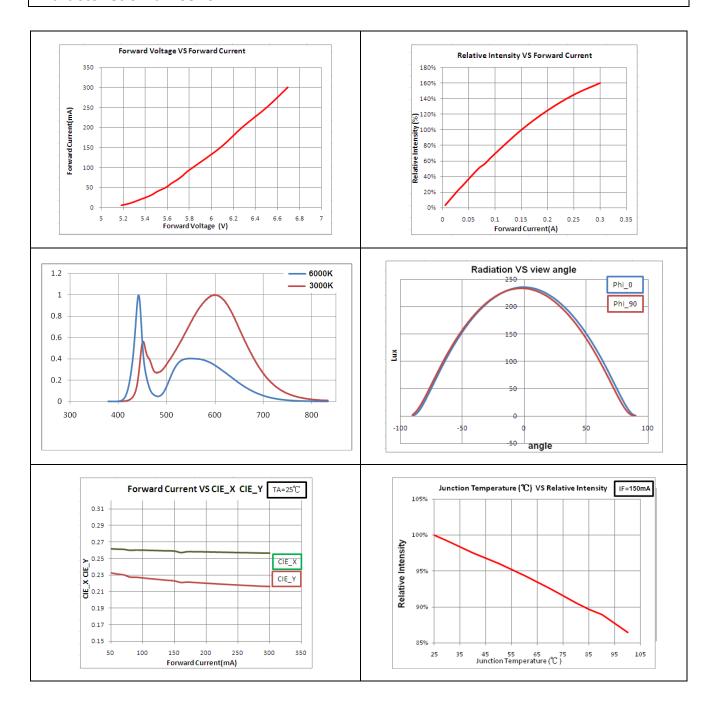


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Tentative Product	******	*******				
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<sup>\*\*</sup>Remarks: This product should be operated in forward bias. If a reverse voltage is continuously applied to the product, such operation can cause migration resulting in LED damage.

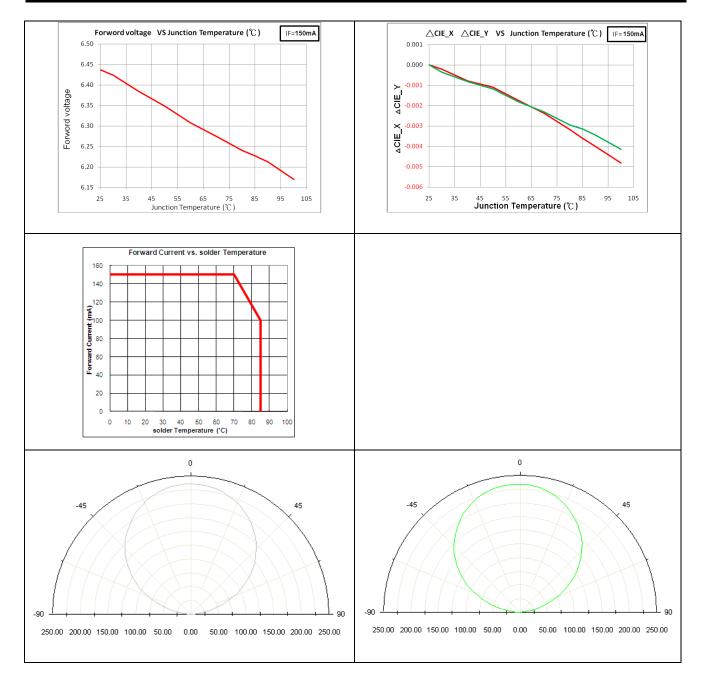


# **Characteristic Curves for TW**



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Tentative Product	*******	******				
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# **Reliability Test**

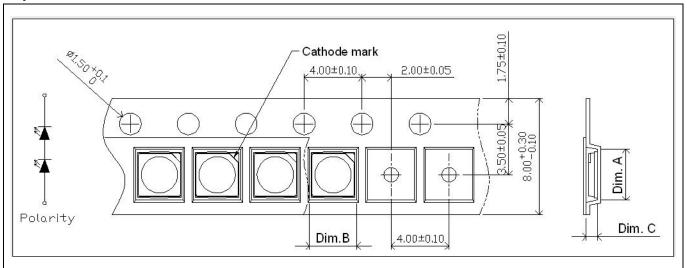
RA Test (Preconditioning acc.to.Jedec Level 1)							
Test items	Test condition	Duration	Sample Size				
Resistance to Soldering Heat(RTSH	IR-Reflow,260 ∘ C	1x/2x/3x	36				
Temp. Cycle Test (TCT)	-40/100 ∘ C	0/100/300 Cycles	36				
High Temp. with Bias(HTB)	85 · C,If= 150mA	0/100/300/500/1000hrs	36				
Temp. & Humidity with Bias (THB)	60 ∘ C/90%,If= 150mA	0/100/300/500/1000hrs	36				
Temp. & Humidity with Bias (THB)	85 · C/85%,If= 150mA	0/100/300/500/1000hrs	36				
High Temp. Storage (HTS)	100 ∘ C	0/100/300/500/1000hrs	36				
Low Temp. Storage (LTS)	-40 ∘ C	0/100/300/500/1000hrs	36				
Pulse Life Test(PLT)	TA=25℃ , tp=10ms DC=0.1 D=tp/T IF=500mA	0/100/300/500/1000hrs	36				
Thermal Shock Test (TST)	-40/85 ∘ C	0/100/500 Cycles	36				
Operating Life Test (OLT)	25 ∘ C,If= 150mA	0/100/300/500/1000hrs	36				
ESD(HBM)	(Human Body Model )	0/1KV/2KV/5KV	36				
Sulphur Test(硫化測試)	30 ∘ C/70% Mixed gas with H2S0.75PPM NO2,1.5PPM	0/168HRS	36				
Ag Migration	85 ∘ C/85% Vr=50	0/100/300/500/1000hrs	36				

Official Product	Product: HT-T3212DND	Data Sheet No.		
Tentative Product	*********			HT-T3212DND
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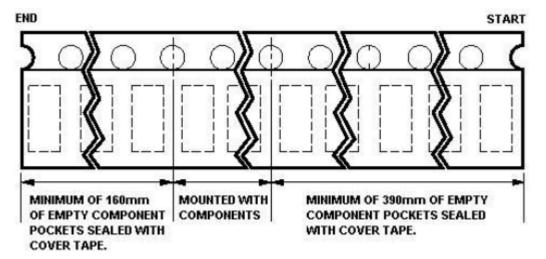
# **Packaging**

# **Tape Dimension**



Part No.	Dim. A	Dim. B	Dim. C	Q'ty/Reel
HT-T3212	3.49±0.1	3.26±0.1	0.78±0.1	2K

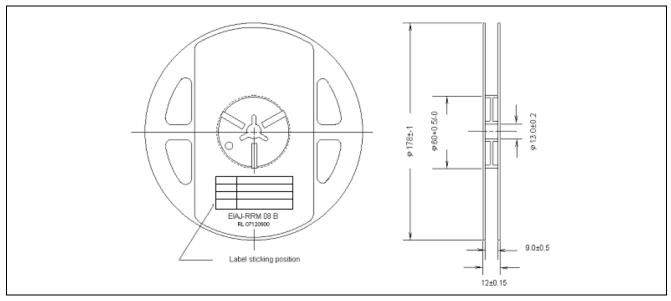
Unit: mm



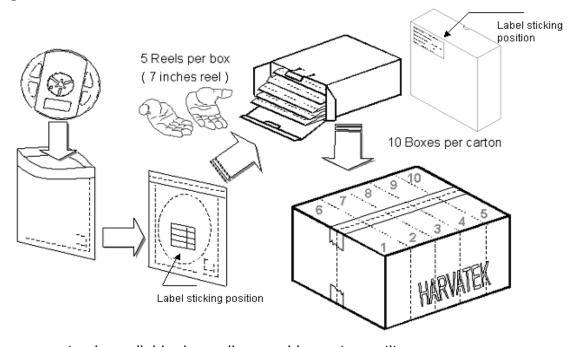
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# **Reel Dimension**



# **Packing**



5 boxes per carton is available depending on shipment quantity.

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### **Precaution of Application**

### **Designing 1: Soldering pattern**

The dimensions of the recommended soldering pattern may not meet every user. Please confirm and study first before designing the soldering pattern in order to obtain the best performance of soldering.

## **Designing 2: Circuit layout**

Due to the circuit design is not available, assuming the circuit is in parallel and a resistor that is put in series in the circuit, it cannot provide an effective current-limiting function to the LEDs due to each LED had a different inherent resistance.

In general, the LEDs usually have a different inherent resistance. Different inherent resistance will cause different current, the LED on the different path would be driven at different power, and the result was the LED with a higher resistance would be dimmer than the other. To solve this situation, a suitable resistor is put in series with each LED to limit the current disparity through the LED will be very useful.

## **Designing 3: Max Rating**

Any application should refer to the specifications of absolute maximum ratings.

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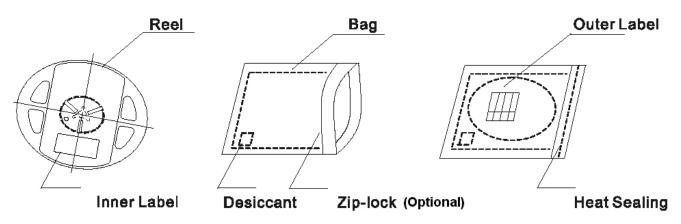


# **Dry Pack**

All SMD optical devices are **MOISTURE SENSITIVE**. Avoid exposure to moisture at all times during transportation or storage. Every reel is packaged in a moisture protected anti-static bag. Each bag is properly sealed prior to shipment.

Upon request, a humidity indicator will be included in the moisture protected anti-static bag prior to shipment.

The packaging sequence is as follows:



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#### **Storage**

It's recommended to store the products in the following conditions:

Humidity: 60 %RH Max.

Temperature: 5°C ~30°C (41°F~86°F)

- 1. Shelf life in sealed bag: 12 month at<40 OC and <90%RH. (Base on aluminum laminated moisture barrier bag.)
- 2. After the bag is opened, devices that will be subjected to infrared reflow, vapor-phase reflow, or equivalent processing must be:
  - 2.1 Mounted within 72 hours at factory conditions of 30 OC /60% RH, or
  - 2.2 Stored at 20% RH with zip-lock sealed.

#### **Baking**

It's recommended to bake before soldering once the pack is unsealed open & re-sealed after 72 hours. The conditions are as followings:

60±3°C (12~24hrs) and < 5% RH, taped reel type

100±3°C (45min~1hr), bulk type

130±3°C (15~30min), bulk type

#### Soldering

Manual soldering (We do not recommend this method strongly.)

Soldering wire: 63/37 Sn/Pb, flux contained.

To prevent cracking, please bake before manual soldering, if the device is subject to moisture.

Temperature at tip of soldering tool: 300°C±5°C Max.(25W)

It's banned to load any stress on the resin during soldering.

Soldering time: 3±1sec

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### **Handling of Silicone Resin LEDs**

Handling Indications

During processing, mechanical stress on the surface should be minimized as much as possible. Sharp objects of all types should not be used to pierce the sealing compound.



Figure 1

In general, LEDs should only be handled from the side. By the way, this also applies to LEDs without a silicone sealant, since the surface can also become scratched.

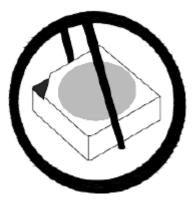


Figure 2

When populating boards in SMT production, there are basically no restrictions regarding the form of the pick and place nozzle, except that mechanical pressure on the surface of the resin must be prevented.

This is assured by choosing a pick and place nozzle which is large than LEDs reflector area.

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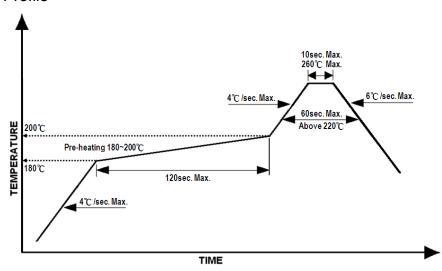


#### **Reflow Soldering**

Recommend soldering paste specifications:

- 1. Operating temp.: Above 220°C, 60 sec.
- 2. Peak temp.:260°C Max., 10sec Max.
- 3. Reflow soldering should not be done more than two times.
- 4. Never attempt next process until the component is cooled down to room temperature after reflow.
- 5. The recommended reflow soldering profile (measured on the surface of the LED terminal) is as following:

#### Lead-free Solder Profile



## Cleaning

Following are cleaning procedures after soldering:

- An alcohol-based solvent such as isopropyl alcohol (IPA) is recommended.
- Temperature x Time should be 50°C x 30sec. or <30°C x 3min</li>
- Ultra sonic cleaning: < 15W/ bath; bath volume ≤ 1liter</li>
- Curing: 100 °C max, <3min

#### **Cautions of Pick and Place**

- Avoid stress on the resin at elevated temperature.
- Avoid rubbing or scraping the resin by any object.
- Electro-static may cause damage to the component. Please ensure that the equipment is properly grounded. Use of an ionizer fan is recommended.

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# **Revision History**

Changes since last revision	Page	Version No.	Revision Date
Initial release		1.0	06-25-2013

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