

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-UL-UB-UR	gdab	qabc					0			
LD-UL-UB-DF	gdau	qabd					0			
LD-UL-UB-RU	gdam	qabg					0		0	
LD-UL-UB-FU	gdai	qabh					0			
LD-UL-UB-FL	gdal	qabi					0			
LD-UL-UB-LF	gdaf	qabj					0			
LD-UL-UB-LB	gdah	qabk					0			
LD-UL-UB-BL	gdar	qabl					0			
LD-UL-UB-BR	gdat	qabm					0			
LD-UL-UB-RB	gdan	qabn					0			
LD-UL-UB-RF	gdap	qabo					0			
LD-UL-UB-FR	gdaj	qabp					0			
LD-UL-UB-RD	gdao	qabs					0			
LD-UL-UB-DB	gdaw	qabu					0			
LD-UL-UB-DR	gdav	qabv					0			
LD-UL-UR-UB	gdba	qacb					0			
LD-UL-UR-DF	gdbu	qacd					0			
LD-UL-UR-BU	gdbq	qacf					0			
LD-UL-UR-FU	gdbi	qach					0		0	
LD-UL-UR-FL	gdbl	qaci					0			
LD-UL-UR-LF	gdbf	qacj					0			
LD-UL-UR-LB	gdbh	qack					0		0	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UL-UR-BL	gdbr	qacl				0			
	LD-UL-UR-BR	gdbt	qacm				0			
	LD-UL-UR-RB	gdbn	qacn				0			
	LD-UL-UR-RF	gdbp	qaco				0			
	LD-UL-UR-FR	gdbj	qacp				0			
	LD-UL-UR-BD	gdbs	qacr				0			
	LD-UL-UR-RD	gdbo	qacs				0		0	
	LD-UL-UR-DB	gdbw	qacu				0			
	LD-UL-UR-DR	gdbv	qacv				0			
	LD-UL-DF-UB	gdua	qadb				0			
	LD-UL-DF-UR	gdub	qadc				0		F	
	LD-UL-DF-LU	gdue	qade				0		A	
	LD-UL-DF-BU	gduq	qadf	scnb mbt	S U2 M' U' M U' S'		7			
	LD-UL-DF-FL	gdul	qadi				0		P	
	LD-UL-DF-LF	gduf	qadj				0			
	LD-UL-DF-LB	gduh	qadk				0			
	LD-UL-DF-BL	gdur	qadl	wiqh phv	F' L2 E' L' E L' F		7			
	LD-UL-DF-RB	gdun	qadn				0		A	
	LD-UL-DF-BD	gdus	qadr				0			
	LD-UL-DF-DB	gduw	qadu				0			
	LD-UL-BU-UR	gdqb	qafc				0			
	LD-UL-BU-DF	gdqu	qafd				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UL-BU-RU	gdqm	qafg				0			
	LD-UL-BU-FU	gdqi	qafh				0			
	LD-UL-BU-FL	gdql	qafi				0			
	LD-UL-BU-LF	gdqf	qafj				0			
	LD-UL-BU-LB	gdqh	qafk				0			
	LD-UL-BU-BL	gdqr	qafl				0			
	LD-UL-BU-BR	gdqt	qafm				0			
	LD-UL-BU-RB	gdqn	qafn				0			
	LD-UL-BU-RF	gdqp	qafo				0			
	LD-UL-BU-FR	gdqj	qafp				0			
	LD-UL-BU-BD	gdqs	qafr				0			
	LD-UL-BU-RD	gdqo	qafs				0			
	LD-UL-BU-DB	gdqw	qafu				0			
	LD-UL-BU-DR	gdqv	qafv				0			
	LD-UL-RU-BU	gdmq	qagf				0			A
	LD-UL-RU-LF	gdmf	qagj				0			
	LD-UL-RU-BR	gdmt	qagm				0			
	LD-UL-RU-RF	gdmp	qago				0			
	LD-UL-RU-FR	gdmj	qagp				0			
	LD-UL-RU-BD	gdms	qagr				0			
	LD-UL-RU-RD	gdmo	qags	albs atlb	U R2 U' S U S' R2 U'		8			
	LD-UL-RU-DB	gdmw	qagu				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UL-FU-UB	gdia	qahb				0			
	LD-UL-FU-UR	gdib	qahc				0			
	LD-UL-FU-BU	gdiq	qahf				0			A
	LD-UL-FU-RU	gdim	qahg				0			
	LD-UL-FU-FL	gdil	qahi				0			L
	LD-UL-FU-LF	gdif	qahj				0			
	LD-UL-FU-BR	gdit	qahm				0			
	LD-UL-FU-RB	gdin	qahn				0			A
	LD-UL-FU-RF	gdip	qaho				0			L
	LD-UL-FU-FR	gdij	qahp				0			
	LD-UL-FU-RD	gdio	qahs				0			
	LD-UL-FU-DL	gdix	qaht				0			
	LD-UL-FU-DR	gdiv	qahv				0			
	LD-UL-FL-UB	gdla	qaib				0			
	LD-UL-FL-UR	gdlb	qaic				0			
	LD-UL-FL-DF	gdlu	qaid				0			A
	LD-UL-FL-BU	gdlq	qaif				0			
	LD-UL-FL-RU	gdlm	qaig				0			
	LD-UL-FL-LB	gdlh	qaik				0			
	LD-UL-FL-BL	gdlr	qail				0			
	LD-UL-FL-BR	gdlt	qaim				0			
	LD-UL-FL-RB	gdln	qain				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UL-FL-RF	gdlp	qaio				0			
	LD-UL-FL-FR	gdlij	qaip				0			
	LD-UL-FL-RD	gdlo	qais				0			
	LD-UL-FL-DB	gdlw	qaiu				0			
	LD-UL-FL-DR	gdlv	qaiv				0			
	LD-UL-LF-UB	gdfa	qajb				0			
	LD-UL-LF-UR	gdfb	qajc				0			
	LD-UL-LF-BU	gdfq	qajf				0			
	LD-UL-LF-RU	gdfm	qajg				0			
	LD-UL-LF-FU	gdfi	qajh				0			
	LD-UL-LF-BL	gdfr	qajl				0			
	LD-UL-LF-BR	gdft	qajm				0			
	LD-UL-LF-RB	gdfn	qajn	lxjs kxla ktjb	R2 F2 R S R' F2 R2 U R' S' R U'		12			
	LD-UL-LF-RF	gdfp	qajo				0			
	LD-UL-LF-RD	gdfo	qajs				0			
	LD-UL-LF-DB	gdfw	qaju				0			
	LD-UL-LB-UB	gdha	qakb				0			P
	LD-UL-LB-UR	gdhb	qakc				0			
	LD-UL-LB-DF	gdhu	qakd				0			
	LD-UL-LB-RU	gdhm	qakg				0			
	LD-UL-LB-FU	gdhi	qakh				0			
	LD-UL-LB-BR	gdht	qakm				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UL-LB-RF	gdhp	qako				0			P
	LD-UL-LB-FR	gdhj	qakp				0			
	LD-UL-LB-BD	gdhs	qakr				0			
	LD-UL-LB-RD	gdho	qaks				0			
	LD-UL-LB-DB	gdhw	qaku				0			P
	LD-UL-BL-UB	gdra	qalb				0			
	LD-UL-BL-UR	gdrb	qalc				0			A
	LD-UL-BL-DF	gdru	qald				0			
	LD-UL-BL-BU	gdrq	qalf				0			
	LD-UL-BL-RU	gdrm	qalg	jsak tjbq jpl	R S U R' S' R U' E' R E R2		11			
	LD-UL-BL-FU	gdri	qalh				0			
	LD-UL-BL-FL	gdrl	qali				0			
	LD-UL-BL-LF	gdrf	qalj				0			
	LD-UL-BL-BR	gdrt	qalm				0			A
	LD-UL-BL-RB	gdrn	qaln				0			
	LD-UL-BL-RF	gdrp	qalo				0			
	LD-UL-BL-FR	gdrj	qalp				0			
	LD-UL-BL-RD	gdro	qals				0			
	LD-UL-BL-DB	gdrw	qalu				0			
	LD-UL-BL-DR	gdrv	qalv				0			
	LD-UL-BR-UB	gdta	qamb				0			
	LD-UL-BR-UR	gdtb	qamc				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UL-BR-BU	gdtq	qamf				0			
	LD-UL-BR-RU	gdtn	qamg				0			A
	LD-UL-BR-FL	gdtl	qami				0			P
	LD-UL-BR-LF	gdtf	qamj				0			
	LD-UL-BR-BL	gdtr	qaml				0			
	LD-UL-BR-FR	gdtj	qamp				0			
	LD-UL-BR-BD	gdts	qamr				0			
	LD-UL-BR-RD	gdto	qams				0			O
	LD-UL-BR-DR	gdtv	qamv				0			A
	LD-UL-RB-UR	gdnb	qanc				0			
	LD-UL-RB-LU	gdne	qane				0			L
	LD-UL-RB-RU	gdnm	qang				0			
	LD-UL-RB-FU	gdni	qanh				0			
	LD-UL-RB-FL	gdnl	qani				0			
	LD-UL-RB-LF	gdnf	qanj				0			
	LD-UL-RB-LB	gdnh	qank				0			
	LD-UL-RB-RF	gdnp	qano	kalb satl bj	R' U R2 U' S U S' R2 U' R		10			
	LD-UL-RB-FR	gdnj	qanp				0			
	LD-UL-RB-BD	gdns	qanr				0			
	LD-UL-RB-RD	gdno	qans				0			
	LD-UL-RB-DL	gdnx	qant				0			
	LD-UL-RB-DB	gdnw	qanu				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UL-RB-DR	gdnv	qanv				0			
	LD-UL-RF-UB	gdpa	qaob				0			
	LD-UL-RF-UR	gdpb	qaoc	mgap vqwb nh	I U E F E' F' U' I'		10			
	LD-UL-RF-DF	gdpu	qaod				0		F	
	LD-UL-RF-LU	gdpe	qaoe				0			
	LD-UL-RF-BU	gdpq	qaof				0			
	LD-UL-RF-RU	gdpm	qaog				0			
	LD-UL-RF-FU	gdpi	qaoh				0			
	LD-UL-RF-LF	gdpf	qaoj				0			
	LD-UL-RF-LB	gdph	qaok	mgsa pvqw btnh	I S U E F E' F' U' S' I'		12			
	LD-UL-RF-BL	gdpr	qaol				0			
	LD-UL-RF-BR	gdpt	qaom				0			
	LD-UL-RF-BD	gdps	qaor				0			
	LD-UL-RF-RD	gdpo	qaos				0		O	
	LD-UL-FR-UR	gdjb	qapc				0		O	
	LD-UL-FR-DF	gdju	qapd				0		L	
	LD-UL-FR-BU	gdjq	qapf				0			
	LD-UL-FR-RU	gdjm	qapg				0			
	LD-UL-FR-FU	gdji	qaph				0			
	LD-UL-FR-FL	gdjl	qapi				0			
	LD-UL-FR-LF	gdjf	qapj				0			
	LD-UL-FR-LB	gdjh	qapk				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UL-FR-BL	gdjr	qapl				0			
	LD-UL-FR-BR	gdjt	qapm				0			
	LD-UL-FR-RB	gdjn	qapn	pwpq qgvq	E F' E L' E' L F E'		8		A	
	LD-UL-FR-RF	gdjp	qapo				0			
	LD-UL-FR-BD	gdjs	qapr				0			
	LD-UL-FR-RD	gdjo	qaps				0		A	
	LD-UL-FR-DB	gdjw	qapu				0			
	LD-UL-FR-DR	gdjv	qapv				0			
	LD-UL-BD-UB	gdsa	qarb				0			
	LD-UL-BD-UR	gdsb	qarc				0			
	LD-UL-BD-DF	gdsu	qard				0		O	
	LD-UL-BD-BU	gdsq	qarf				0			
	LD-UL-BD-RU	gdsm	qarg				0			
	LD-UL-BD-FU	gdsi	qarh				0			
	LD-UL-BD-FL	gdsl	qari				0		P	
	LD-UL-BD-LF	gdsl	qarj	whes htgd gv	F' L' D' S L' S' L D L F		10		F	
	LD-UL-BD-LB	gdsh	qark				0		O	
	LD-UL-BD-BL	gdsr	qarl				0			
	LD-UL-BD-BR	gdst	qarm				0			
	LD-UL-BD-RB	gdsn	qarn				0		O	
	LD-UL-BD-RF	gdsp	qaro				0		L	
	LD-UL-BD-FR	gdsj	qarp				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UL-BD-RD	gdso	qars				0			
	LD-UL-BD-DR	gdsv	qarv				0			P
	LD-UL-RD-UB	gdoa	qasb				0			
	LD-UL-RD-UR	gdob	qasc				0			
	LD-UL-RD-DF	gdou	qasd				0			A
	LD-UL-RD-BU	gdoq	qasf				0			
	LD-UL-RD-RU	gdom	qasg				0			
	LD-UL-RD-FU	gdoi	qash				0			P
	LD-UL-RD-FL	gdol	qasi				0			
	LD-UL-RD-LF	gdof	qasj				0			
	LD-UL-RD-LB	gdoh	qask				0			
	LD-UL-RD-BL	gdor	qasl				0			
	LD-UL-RD-BR	gdot	qasm				0			L
	LD-UL-RD-RB	gdon	qasn	lajb satk bl	R2 U R U' S U S' R' U' R2		10			
	LD-UL-RD-RF	gdop	qaso				0			
	LD-UL-RD-BD	gdos	qasr	ixte sdxl	L2 F2 S' D' S D F2 L2		8			P
	LD-UL-RD-DB	gdow	qasu				0			
	LD-UL-DL-BU	gdxq	qatf				0			P
	LD-UL-DL-FR	gdxj	qatp				0			
	LD-UL-DL-BD	gdxs	qatr				0			C
	LD-UL-DL-RD	gdxo	qats				0			
	LD-UL-DB-UB	gdwa	qaub				0			P

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	LD-UL-DB-UR	gdwb	qauc					0		F
	LD-UL-DB-BU	gdwq	qauf	smbn at	S M U' M' U S'			6		
	LD-UL-DB-RU	gdwm	qaug					0		
	LD-UL-DB-FU	gdwi	qauh					0		
	LD-UL-DB-FL	gdwl	qaui					0		
	LD-UL-DB-LF	gdwf	qauj					0		
	LD-UL-DB-LB	gdwh	qauk					0		
	LD-UL-DB-BL	gdwr	qaui					0		
	LD-UL-DB-BR	gdwt	qaum					0		
	LD-UL-DB-RB	gdwn	qaun					0		
	LD-UL-DB-FR	gdwj	qaup					0		
	LD-UL-DB-RD	gdwo	qaus					0		
	LD-UL-DB-DR	gdwv	qauv					0		
	LD-UL-DR-UB	gdva	qavb					0		
	LD-UL-DR-UR	gdvb	qavc					0		
	LD-UL-DR-DF	gdvu	qavd					0		
	LD-UL-DR-BU	gdvq	qavf					0		
	LD-UL-DR-RU	gdvm	qavg					0		
	LD-UL-DR-FL	gdvl	qavi					0		
	LD-UL-DR-LF	gdvf	qavj					0		
	LD-UL-DR-LB	gdvh	qavk					0		
	LD-UL-DR-BL	gdvr	qavl					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UL-DR-BR	gdvt	qavm				0			
	LD-UL-DR-RB	gdvn	qavn				0			
	LD-UL-DR-RF	gdvp	qavo				0			
	LD-UL-DR-FR	gdvj	qavp				0			
	LD-UL-DR-BD	gdvs	qavr				0		A	
	LD-UL-DR-DB	gdvw	qavu				0			
	LD-UB-UL-UR	gadb	qbac				0			
	LD-UB-UL-DF	gadu	qbad				0			
	LD-UB-UL-RU	gadm	qbag				0		O	
	LD-UB-UL-FL	gadl	qbai				0		O	
	LD-UB-UL-LF	gadf	qbaj				0			
	LD-UB-UL-LB	gadh	qbak	tbta hasb gs	S' U' S' U L' U S U' L S		10		A	
	LD-UB-UL-BL	gadr	qbal				0		O	
	LD-UB-UL-BR	gadt	qbam				0			
	LD-UB-UL-RB	gadn	qban				0			
	LD-UB-UL-RF	gadp	qbao				0			
	LD-UB-UL-FR	gadj	qbap				0		O	
	LD-UB-UL-BD	gads	qbar				0			
	LD-UB-UL-RD	gado	qbas				0		O	
	LD-UB-UL-DL	gadx	qbat				0			
	LD-UB-UL-DR	gadv	qbav				0			
	LD-UB-UR-DF	gabu	qbcd				0		O	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UB-UR-LU	gabe	qbce				0			
	LD-UB-UR-FU	gabi	qbch				0			
	LD-UB-UR-FL	gabl	qbci				0			
	LD-UB-UR-LF	gabf	qbcj				0		0	
	LD-UB-UR-LB	gabh	qbck				0			
	LD-UB-UR-BL	gabr	qbcl				0			
	LD-UB-UR-BR	gabt	qbcm				0			
	LD-UB-UR-RB	gabn	qbcn				0		A	
	LD-UB-UR-RF	gabp	qbco				0			
	LD-UB-UR-FR	gabj	qbcp				0			
	LD-UB-UR-RD	gabo	qbcS				0			
	LD-UB-UR-DR	gabv	qbcv				0			
	LD-UB-DF-UL	gaud	qbda				0		A	
	LD-UB-DF-LU	gaue	qbde	csbt cnam	U2 S U' S' U2 M' U M		8			
	LD-UB-DF-RU	gaum	qbdg				0			
	LD-UB-DF-FL	gaul	qbdi				0			
	LD-UB-DF-BL	gaur	qbdl				0			
	LD-UB-DF-RF	gaup	qbdo				0			
	LD-UB-DF-FR	gauj	qbdp				0		0	
	LD-UB-DF-RD	gauo	qbds				0			
	LD-UB-DF-DB	gauw	qbdu				0			
	LD-UB-LU-UR	gaeb	qbec				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-UB-LU-DF	gaeu	qbed						0		
LD-UB-LU-FU	gaei	qbeh						0		
LD-UB-LU-FL	gael	qbei						0		
LD-UB-LU-LF	gaef	qbej						0		
LD-UB-LU-LB	gaeh	qbek						0		
LD-UB-LU-BL	gaer	qbcl						0		
LD-UB-LU-BR	gaet	qbem						0		
LD-UB-LU-RB	gaen	qben						0		
LD-UB-LU-RF	gaep	qbeo						0		
LD-UB-LU-FR	gaej	qbep						0		
LD-UB-LU-RD	gaeo	qbcs						0		
LD-UB-LU-DB	gaew	qbeu						0		
LD-UB-LU-DR	gaev	qbev						0		
LD-UB-BU-FR	gaqj	qbfp						0		
LD-UB-RU-UL	gamd	qbga						0		
LD-UB-RU-DF	gamu	qbgd						0		
LD-UB-RU-LU	game	qbge						0		
LD-UB-RU-FL	gaml	qbgi						0		
LD-UB-RU-LF	gamf	qb gj						0		
LD-UB-RU-RF	gamp	qbgo						0		
LD-UB-RU-FR	gamj	qbgp						0		
LD-UB-RU-BD	gams	qbgr						0		0

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-UB-RU-RD	gamo	qbgs					0			
LD-UB-RU-DB	gamw	qbgu					0			
LD-UB-FU-UR	gaib	qbhc					0			
LD-UB-FU-LU	gaie	qbhe					0			
LD-UB-FU-RU	gaim	qbhg					0			
LD-UB-FU-RB	gain	qbhn					0			
LD-UB-FU-RF	gaip	qbho					0			
LD-UB-FU-FR	gaij	qbhp					0			
LD-UB-FL-DF	galu	qbld					0			
LD-UB-FL-LU	gale	qbie					0			
LD-UB-FL-BU	galq	qbif					0			
LD-UB-FL-FU	gali	qbih					0			
LD-UB-FL-BL	galr	qbil					0			
LD-UB-FL-BR	galt	qbim					0			
LD-UB-FL-FR	galj	qbip					0			
LD-UB-FL-BD	gals	qbir					0			
LD-UB-FL-DB	galw	qbiu					0			
LD-UB-FL-DR	galv	qbiv					0			
LD-UB-LF-UL	gafd	qbja					0			
LD-UB-LF-UR	gafb	qbjc					0			
LD-UB-LF-LU	gafe	qbje					0			
LD-UB-LF-RU	gafm	qbjg					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UB-LF-BL	gafr	qbjl				0			
	LD-UB-LF-BR	gaft	qbjm				0			
	LD-UB-LF-RB	gafn	qbjn	akqt gshp jb	U R' E' S' L S L' E R U'		10			
	LD-UB-LF-RF	gafp	qbjo				0			
	LD-UB-LF-FR	gafj	qbjp				0		A	
	LD-UB-LF-BD	gafs	qbjr				0		O	
	LD-UB-LF-RD	gafo	qbjs				0			
	LD-UB-LF-DB	gafw	qbju				0			
	LD-UB-LF-DR	gafv	qbjv	ahft hsgf gb	U L' D2 S' L' S L D2 L U'		10		A	
	LD-UB-LB-UL	gahd	qbka				0			
	LD-UB-LB-UR	gahb	qbkc				0			
	LD-UB-LB-DF	gahu	qbkd				0		P	
	LD-UB-LB-LU	gahe	qbke	aivs btaw ib	U L2 f U' S' U F' L2 U'		10		O	
	LD-UB-LB-FU	gahi	qbkh				0			
	LD-UB-LB-FL	gahl	qbki				0			
	LD-UB-LB-LF	gahf	qbkj				0			
	LD-UB-LB-BR	gaht	qbkm				0			
	LD-UB-LB-RB	gahn	qbkn				0			
	LD-UB-LB-FR	gahj	qbkp				0			
	LD-UB-LB-BD	gahs	qbkr				0			
	LD-UB-LB-DB	gahw	qbku				0			
	LD-UB-LB-DR	gahv	qbkv	ajxp gqhcx kb	U R F2 E L E' L' F2 R' U'		10		O	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	LD-UB-BL-UL	gard	qbla					0		
	LD-UB-BL-UR	garb	qblic					0		
	LD-UB-BL-DF	garu	qbld					0		
	LD-UB-BL-RU	garm	qbfg	dgxn ambx he	D L F2 M' U M U' F2 L' D'			10		
	LD-UB-BL-FL	garl	qbli					0		
	LD-UB-BL-LF	garf	qblij					0		0
	LD-UB-BL-BR	gart	qbilm					0		
	LD-UB-BL-RB	garn	qbln	paht hsi bq	U E L' S' L' S L2 U' E'			9		A
	LD-UB-BL-RF	garp	qblo					0		
	LD-UB-BL-FR	garj	qblop					0		
	LD-UB-BL-BD	gars	qbldr					0		
	LD-UB-BL-RD	garo	qbbs					0		A
	LD-UB-BL-DL	garx	qbblt					0		
	LD-UB-BL-DB	garw	qbblu					0		
	LD-UB-BL-DR	garv	qbblv					0		
	LD-UB-BR-LU	gate	qbme					0		
	LD-UB-BR-BU	gatq	qbmf					0		
	LD-UB-BR-FL	gatl	qbmi					0		
	LD-UB-BR-LF	gatf	qbmj					0		
	LD-UB-BR-FR	gatj	qbmp					0		A
	LD-UB-BR-RD	gato	qbms					0		
	LD-UB-BR-DL	gatx	qbmt					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	LD-UB-RB-UL	gand	qbna					0		
	LD-UB-RB-UR	ganb	qbnc					0		0
	LD-UB-RB-DF	ganu	qbnd					0		
	LD-UB-RB-LU	gane	qbne					0		
	LD-UB-RB-BU	ganq	qbnf					0		
	LD-UB-RB-RU	ganm	qbng					0		
	LD-UB-RB-FU	gani	qbnh					0		
	LD-UB-RB-FL	ganl	qbni					0		
	LD-UB-RB-LF	ganf	qbnj					0		
	LD-UB-RB-BD	gans	qbnr					0		
	LD-UB-RB-DB	ganw	qbnu					0		
	LD-UB-RF-UR	gapb	qboc					0		
	LD-UB-RF-DF	gapu	qbod					0		
	LD-UB-RF-FU	gapi	qboh					0		
	LD-UB-RF-FL	gapl	qboi					0		
	LD-UB-RF-LF	gapf	qboj					0		
	LD-UB-RF-LB	gaph	qbok	bjph tgsq ka	U' R E L' S' L S E' R' U			10		
	LD-UB-RF-BL	gapr	qbol					0		
	LD-UB-RF-BR	gapt	qbom					0		
	LD-UB-RF-RB	gapn	qbon					0		
	LD-UB-RF-BD	gaps	qbor					0		
	LD-UB-RF-RD	gapo	qbos					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-UB-RF-DB	gapw	qbou					0			
LD-UB-FR-UR	gajb	qbpc					0			
LD-UB-FR-DF	gaju	qbpd					0			
LD-UB-FR-LU	gaje	qbpe					0			
LD-UB-FR-LF	gajf	qbpj					0			
LD-UB-FR-BD	gajs	qbpr					0			
LD-UB-FR-RD	gajo	qbps					0			
LD-UB-BD-UL	gasd	qbra					0			
LD-UB-BD-UR	gasb	qbrc					0			
LD-UB-BD-DF	gasu	qbrd					0			
LD-UB-BD-LU	gase	qbre					0			
LD-UB-BD-LB	gash	qbrk					0			
LD-UB-BD-BL	gasr	qbrl					0			
LD-UB-BD-BR	gast	qbrm					0			
LD-UB-BD-FR	gasj	qbrp					0			
LD-UB-BD-RD	gaso	qbrs					0			
LD-UB-BD-DR	gasv	qbrv					0			
LD-UB-RD-UL	gaod	qbsa					0			
LD-UB-RD-UR	gaob	qbsc					0			
LD-UB-RD-DF	gaou	qbzd					0			F
LD-UB-RD-LU	gaoe	qbse					0			
LD-UB-RD-BU	gaoq	qbsf					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UB-RD-RU	gaom	qbsg	f l s b u a l f s	D2 R2 S U' S2 U R2 D2 S		9			
	LD-UB-RD-FU	gaoi	qbsh				0			
	LD-UB-RD-FL	gaol	qbsi				0			
	LD-UB-RD-LF	gaof	qbsj				0			
	LD-UB-RD-BL	gaor	qbsl				0		0	
	LD-UB-RD-BR	gaot	qbsm				0		A	
	LD-UB-RD-RB	gaon	qbsn	a j c j t j s l c k b	U R U2 R S' R S R2 U2 R' U'		11			
	LD-UB-RD-FR	gaoj	qbsp				0			
	LD-UB-RD-BD	gaos	qbsr				0			
	LD-UB-DL-UL	gaxd	qbta				0			
	LD-UB-DL-DF	gaxu	qbtd				0			
	LD-UB-DL-RF	gaxp	qbto				0			
	LD-UB-DL-BD	gaxs	qbtr				0			
	LD-UB-DL-DB	gaxw	qbtu				0			
	LD-UB-DB-UL	gawd	qbua				0			
	LD-UB-DB-UR	gawb	qbuc				0			
	LD-UB-DB-DF	gawu	qbud				0			
	LD-UB-DB-LU	gawe	qbue				0			
	LD-UB-DB-BU	gawq	qbuf				0			
	LD-UB-DB-RU	gawm	qbug				0			
	LD-UB-DB-FU	gawi	qbuh				0			
	LD-UB-DB-FL	gawl	qbui				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UB-DB-LF	gawf	qbuj				0			
	LD-UB-DB-LB	gawh	qbuk				0			
	LD-UB-DB-BL	gawr	qbui				0			
	LD-UB-DB-BR	gawt	qbun				0			
	LD-UB-DB-RB	gawn	qbun				0			
	LD-UB-DB-RF	gawp	qbuo				0			
	LD-UB-DB-FR	gawj	qbup				0			
	LD-UB-DR-UL	gavd	qbva				0			
	LD-UB-DR-UR	gavb	qbvc				0			
	LD-UB-DR-DF	gavu	qbvd				0			
	LD-UB-DR-LU	gave	qbve				0			
	LD-UB-DR-BU	gavq	qbvf				0			
	LD-UB-DR-FL	gavl	qbvi				0			
	LD-UB-DR-LF	gavf	qbvj				0		O	
	LD-UB-DR-LB	gavh	qbvk				0			
	LD-UB-DR-BL	gavr	qbvl				0		A	
	LD-UB-DR-BR	gavt	qbvm				0		O	
	LD-UB-DR-RB	gavn	qbvn				0			
	LD-UB-DR-FR	gavj	qbvp				0			
	LD-UB-DR-BD	gavs	qbvr				0			
	LD-UB-DR-DB	gavw	qbvu				0			
	LD-UB-FD-RU	gakm	qbxg	ubnb mbs bs	S2 U' M' U' M U' S U' S		9			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UB-FD-LB	gakh	qbzk	bvit hsh wa	U' F L2 S' L' S L' F' U		9			
	LD-UR-UL-UB	gbda	qcab				0			
	LD-UR-UL-DF	gbdu	qcad				0			
	LD-UR-UL-BU	gbdq	qcaf				0			
	LD-UR-UL-FU	gbdi	qcah				0			
	LD-UR-UL-FL	gbdl	qcai	laasv bsau wbl	R2 U f U' S U S2 F' U' R2		12			
	LD-UR-UL-LF	gbdf	qcaj	atat csga sbh	U S' U S' U2 S L U S U' L'		11			
	LD-UR-UL-LB	gbdh	qcak	atat csha sbg	U S' U S' U2 S L' U S U' L		11			
	LD-UR-UL-BL	gbdr	qcbl	wgsg sitg uhsv	F' L S L S L2 S' L S2 L' f		12			
	LD-UR-UL-BR	gbdt	qcamb				0			
	LD-UR-UL-RB	gbdn	qcanc				0			
	LD-UR-UL-RF	gbdp	qcaco				0			
	LD-UR-UL-FR	gbdj	qcaps				0			
	LD-UR-UL-BD	gbds	qcarr				0			
	LD-UR-UL-RD	gbdo	qcass	lasb sau bl	R2 U S U' S U S2 U' R2		9			
	LD-UR-UL-DR	gbdv	qcav	ltbl bsal al	R2 S' U' R2 U' S U R2 U R2		10			
	LD-UR-UB-UL	gbad	qcba	isau biasb	L2 S U S2 U' L2 U S U'		9			
	LD-UR-UB-LU	gbae	qcbe				0			
	LD-UR-UB-FU	gbai	qcbeh				0			
	LD-UR-UB-FL	gbal	qcbi	cvijs btak wc	U2 F R S U' S' U R' F' U2		10			
	LD-UR-UB-LF	gbaf	qcbj	csjp kbkq jtb	U2 S R E R' U' R' E' R S' U'		11			
	LD-UR-UB-LB	gbah	qcblk				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UR-UB-BL	gbar	qcbl				0			
	LD-UR-UB-BR	gbat	qcbm				0			
	LD-UR-UB-RB	gban	qcbn				0			
	LD-UR-UB-RF	gbap	qcbo				0			
	LD-UR-UB-FR	gbaj	qcbp	kqat bgb sah pj	R' u S' U' L U' S U L' E R		12			A
	LD-UR-UB-BD	gbas	qcbr				0			
	LD-UR-UB-RD	gbao	qcbs				0			
	LD-UR-UB-DB	gbaw	qcbu				0			
	LD-UR-UB-DR	gbav	qcbv				0			
	LD-UR-DF-UL	gbud	qcda				0			
	LD-UR-DF-UB	gbua	qcdb				0			
	LD-UR-DF-LU	gbue	qcde				0			
	LD-UR-DF-BU	gbuq	qcdf				0			
	LD-UR-DF-FL	gbul	qcdi				0			
	LD-UR-DF-LF	gbuf	qc dj				0			L
	LD-UR-DF-LB	gbuh	qc dk				0			
	LD-UR-DF-BL	gbur	qc dl				0			
	LD-UR-DF-BR	gbut	qc dm				0			
	LD-UR-DF-RB	gbun	qc dn				0			
	LD-UR-DF-RF	gbup	qc do				0			
	LD-UR-DF-FR	gbuj	qc dp				0			
	LD-UR-DF-BD	gbus	qc dr				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	LD-UR-DF-RD	gbuo	qcdfs					0		
	LD-UR-DF-DB	gbuw	qcdu	eset emen	D' S D' S' D' M D' M'			8		
	LD-UR-DF-DR	gbuv	qcdv					0		
	LD-UR-LU-UB	gbea	qceb					0		
	LD-UR-LU-DF	gbeu	qced	asan amc tb	U S U M' U M U2 S' U'			9		
	LD-UR-LU-BU	gbeq	qcef					0		
	LD-UR-LU-RU	gbem	qceg					0		
	LD-UR-LU-FU	gbei	qceh					0		
	LD-UR-LU-FL	gbel	qcei					0		
	LD-UR-LU-LF	gbef	qcej					0		
	LD-UR-LU-BR	gbet	qcem					0		
	LD-UR-LU-RB	gben	qcen					0		
	LD-UR-LU-RF	gbep	qceo					0		
	LD-UR-LU-FR	gbej	qcep					0		
	LD-UR-LU-BD	gbes	qcer					0		
	LD-UR-LU-RD	gbeo	qcres					0		
	LD-UR-LU-DR	gbev	qcev					0		
	LD-UR-BU-UL	gbqd	qcfa					0		
	LD-UR-BU-DF	gbqu	qcfd					0		
	LD-UR-BU-LU	gbqe	qcfe					0		
	LD-UR-BU-FL	gbql	qcfi					0		
	LD-UR-BU-LF	gbqf	qcjf					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-UR-BU-LB	gbqh	qcfk						0		
LD-UR-BU-BL	gbqr	qcfl						0		
LD-UR-BU-BR	gbqt	qcfm						0		
LD-UR-BU-RF	gbqp	qcfo						0		
LD-UR-BU-FR	gbqj	qcfp						0		
LD-UR-BU-BD	gbqs	qcfr						0		
LD-UR-BU-RD	gbqo	qcfs						0		
LD-UR-BU-DB	gbqw	qcfu						0	0	
LD-UR-BU-DR	gbqv	qcfv						0		
LD-UR-RU-RB	gbmn	qcgn						0		
LD-UR-RU-FR	gbmj	qcgp						0		
LD-UR-FU-UL	gbid	qcha						0		F
LD-UR-FU-UB	gbia	qchb						0		
LD-UR-FU-LU	gbie	qche						0		
LD-UR-FU-BU	gbiq	qchf						0		
LD-UR-FU-FL	gbil	qchi						0		
LD-UR-FU-LF	gbif	qchj						0		
LD-UR-FU-BR	gbit	qchm						0		
LD-UR-FU-RB	gbin	qchn						0		O
LD-UR-FU-DB	gbiw	qchu						0		
LD-UR-FU-DR	gbiv	qchv						0		
LD-UR-FL-UL	gbld	qcia						0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UR-FL-UB	gbla	qcib				0			
	LD-UR-FL-LU	gble	qcie				0			
	LD-UR-FL-BU	gblq	qcif				0		0	
	LD-UR-FL-BR	gblt	qcim				0			
	LD-UR-FL-RB	gbln	qcin				0			
	LD-UR-FL-RF	gblp	qcio				0			
	LD-UR-FL-FR	gblj	qcip				0			
	LD-UR-FL-BD	gbls	qcir				0			
	LD-UR-FL-RD	gblo	qcis				0			
	LD-UR-FL-DB	gblw	qciu				0			
	LD-UR-FL-DR	gblv	qciv				0			
	LD-UR-LF-UL	gbfd	qcja				0			
	LD-UR-LF-UB	gbfa	qcjb				0			
	LD-UR-LF-DF	gbfu	qcjd				0			
	LD-UR-LF-LU	gbfe	qcje				0			
	LD-UR-LF-BU	gbfq	qcjf				0			
	LD-UR-LF-FU	gbfi	qcjh				0			
	LD-UR-LF-LB	gbfh	qcjk				0			
	LD-UR-LF-BL	gbfr	qcjl				0			
	LD-UR-LF-BR	gbft	qcjm				0			
	LD-UR-LF-RB	gbfn	qcjn	jbxj tjsl xak	R U' F2 R S' R S R2 F2 U R'		11			
	LD-UR-LF-RF	gbfp	qcjo				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UR-LF-FR	gbfj	qcjp				0			
	LD-UR-LF-BD	gbfs	qcjr				0			
	LD-UR-LF-RD	gbfo	qcjs				0			
	LD-UR-LF-DB	gbfw	qcju				0		0	
	LD-UR-LF-DR	gbfv	qcjv				0			
	LD-UR-LB-UL	gbhd	qcka	ahbi tgsg agb	U L' U' L2 S' L S L U L U'		11			
	LD-UR-LB-UB	gbha	qckb				0			
	LD-UR-LB-DF	gbhu	qckd				0			
	LD-UR-LB-LU	gbhe	qcke	vqgt gsgp gw	F E' L S' L S L E L F'		10			
	LD-UR-LB-BU	gbhq	qckf				0			
	LD-UR-LB-FU	gbhi	qckh				0			
	LD-UR-LB-FL	gbhl	qcki				0			
	LD-UR-LB-LF	gbhf	qckj				0		L	
	LD-UR-LB-BR	gbht	qckm				0			
	LD-UR-LB-RB	gbhn	qckn				0			
	LD-UR-LB-RF	gbhp	qcko	jawp gqhvx bk	R U F' E L E' L' F U' R'		10			
	LD-UR-LB-FR	gbhj	qckp	flvq kpjw lf	D2 R2 F E' R' E R F' R2 D2		10			
	LD-UR-LB-RD	gbho	qcks	lawh sgtv bl	R2 U F' L' S L S' F U' R2		10			
	LD-UR-LB-DR	gbhv	qckv	jaxp gqhvx bk	R U F2 E L E' L' F2 U' R'		10			
	LD-UR-BL-UL	gbrd	qcla				0			
	LD-UR-BL-UB	gbra	qcib				0			
	LD-UR-BL-DF	gbru	qcld				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UR-BL-FL	gbrl	qcli				0			
	LD-UR-BL-BR	gbrt	qclm				0			
	LD-UR-BL-RB	gbrn	qcln				0			
	LD-UR-BL-RF	gbrp	qclo				0			
	LD-UR-BL-FR	gbpj	qcip				0			
	LD-UR-BL-BD	gbps	qcir				0			
	LD-UR-BL-RD	gbro	qcis				0			
	LD-UR-BL-DR	gbrv	qciv				0			
	LD-UR-BR-UL	gbtd	qcma				0			
	LD-UR-BR-UB	gbta	qcmb				0			
	LD-UR-BR-DF	gbtu	qcmd				0		0	
	LD-UR-BR-LU	gbte	qcme				0			
	LD-UR-BR-BU	gbtq	qcmf				0			
	LD-UR-BR-FU	gbti	qcmh				0			
	LD-UR-BR-FL	gbtl	qcmi				0			
	LD-UR-BR-LF	gbtf	qcmj				0			
	LD-UR-BR-LB	gbth	qcmk				0			
	LD-UR-BR-BL	gbtr	qcml				0			
	LD-UR-BR-RF	gbtp	qcmo				0			
	LD-UR-BR-FR	gbtj	qcmp	cjsk bkt jb		U2 R S R' U' R' S' R U'		9		
	LD-UR-BR-BD	gbts	qcmr					0		
	LD-UR-BR-RD	gbto	qcms	avri shth rwb		U F E2 L2 S L' S' L' E2 F' U'		11		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	LD-UR-BR-DL	gbtx	qcmt					0		
	LD-UR-BR-DB	gbtw	qcmu					0		
	LD-UR-BR-DR	gbtv	qcmv					0		
	LD-UR-RB-UL	gbnd	qcna					0		
	LD-UR-RB-UB	gbna	qcnb					0		
	LD-UR-RB-LU	gbne	qcne					0		
	LD-UR-RB-BU	gbnq	qcnf					0		
	LD-UR-RB-FL	gbnl	qcni	cksv btaw jc	U2 R' f U' S' U F' R U2			10		
	LD-UR-RB-LF	gbnf	qcnj					0		P
	LD-UR-RB-BL	gbnr	qcnl					0		
	LD-UR-RB-FR	gbnj	qcnp					0		
	LD-UR-RB-RD	gbno	qcns					0		
	LD-UR-RB-DR	gbnv	qcnv					0		
	LD-UR-RF-UL	gbpd	qcoa					0		
	LD-UR-RF-UB	gbpa	qcob					0		
	LD-UR-RF-DF	gbpu	qcod					0		
	LD-UR-RF-LU	gbpe	qcoe					0		
	LD-UR-RF-BU	gbpq	qcof					0		
	LD-UR-RF-FU	gbpi	qcoh					0		
	LD-UR-RF-FL	gbpl	qcoi					0		
	LD-UR-RF-LF	gbpf	qcoj					0		
	LD-UR-RF-LB	gbph	qcok					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-UR-RF-BL	gbpr	aaaa	qcol					0		
LD-UR-RF-BR	gbpt	aaaa	qcom					0		
LD-UR-RF-RB	gbpn	aaaa	qcon					0		
LD-UR-RF-RD	gbpo	aaaa	qcoss					0		
LD-UR-RF-DB	gbpw	aaaa	qcous					0		
LD-UR-RF-DR	gbpv	aaaa	qcov					0		
LD-UR-FR-UB	gbja	aaaa	qcpb					0		
LD-UR-FR-LU	gbje	aaaa	qcpe					0		
LD-UR-FR-FL	gbjl	aaaa	qcpi					0		
LD-UR-FR-LF	gbjf	aaaa	qcpj					0		
LD-UR-FR-BL	gbjr	aaaa	qcpl					0		
LD-UR-FR-RB	gbjn	aaaa	qcpn					0		
LD-UR-FR-BD	gbjs	aaaa	qcpr					0		
LD-UR-FR-RD	gbjo	aaaa	qcps					0		
LD-UR-BD-UL	gbsd	aaaa	qcra					0		
LD-UR-BD-UB	gbsa	aaaa	qcrb					0		
LD-UR-BD-BU	gbsq	aaaa	qcrf					0		
LD-UR-BD-FL	gbsl	aaaa	qcrl					0		
LD-UR-BD-BL	gbsr	aaaa	qcrl					0		
LD-UR-BD-BR	gbst	aaaa	qcrrm					0		
LD-UR-BD-RB	gbsn	aaaa	qcrrn					0		
LD-UR-BD-RF	gbsp	aaaa	qcrro					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-UR-BD-FR	gbsj	qc rp				0			
	LD-UR-BD-DR	gb sv	qc rv				0			
	LD-UR-RD-UL	gb od	qc sa				0			
	LD-UR-RD-DF	gb ou	qc sd				0			
	LD-UR-RD-LU	gb oe	qc se				0			
	LD-UR-RD-BU	gb oq	qc sf				0			
	LD-UR-RD-FU	gb oi	qc sh				0			
	LD-UR-RD-FL	gb ol	qc si				0			
	LD-UR-RD-LF	gb of	qc sj				0			
	LD-UR-RD-LB	gb oh	qc sk				0			
	LD-UR-RD-BL	gb or	qc sl				0			
	LD-UR-RD-BR	gb ot	qc sm				0			
	LD-UR-RD-RB	gb on	qc sn				0			
	LD-UR-RD-RF	gb op	qc so				0			0
	LD-UR-RD-FR	gboj	qc sp	cwl s btal vc	U2 F' R2 S U' S' U R2 F U2		10			
	LD-UR-RD-BD	gb os	qc sr				0			
	LD-UR-RD-DB	gb ow	qc su				0			
	LD-UR-DL-RD	gb xo	qc ts				0			0
	LD-UR-DB-UB	gb wa	qc ub				0			
	LD-UR-DB-LU	gb we	qc ue				0			
	LD-UR-DB-LB	gb wh	qc uk				0			
	LD-UR-DB-BL	gb wr	qc ul				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	LD-UR-DB-RF	gbwp	qcuo					0		
	LD-UR-DB-DR	gbwv	qcuv					0		
	LD-UR-DB-FD	gbwk	qcux	ldme nl	R2 D M D' M' R2			6		
	LD-UR-DR-UB	gbva	qcvb					0		
	LD-UR-DR-DF	gbvu	qcvd					0		
	LD-UR-DR-LU	gbve	qcve					0		
	LD-UR-DR-FL	gbvl	qcvi					0		
	LD-UR-DR-LF	gbvf	qcvj					0		
	LD-UR-DR-LB	gbvh	qcvk					0		
	LD-UR-DR-BL	gbvr	qcvi					0		
	LD-UR-DR-BR	gbvt	qcvm					0		
	LD-UR-DR-DB	gbvw	qcvu					0		
	LD-DF-UL-UB	guda	qdab					0		
	LD-DF-UL-RU	gudm	qdag					0		
	LD-DF-UL-FL	gudl	qdai					0		F
	LD-DF-UL-LF	gudf	qdaj					0		
	LD-DF-UL-LB	gudh	qdak					0		
	LD-DF-UL-BL	gudr	qdal					0		
	LD-DF-UL-RB	gudn	qdan					0		
	LD-DF-UL-RF	gudp	qdao					0		
	LD-DF-UL-FR	gudj	qdap					0		
	LD-DF-UL-BD	guds	qdar					0		O

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DF-UL-RD	gudo	qdas				0			
	LD-DF-UL-DB	gudw	qdau				0			
	LD-DF-UL-DR	gudv	qdav				0			
	LD-DF-UB-UL	guad	qdba	tkqg vhpj sb	S' R' E' L F L' E R S U'		10			
	LD-DF-UB-UR	guab	qdbc				0		0	
	LD-DF-UB-LU	guae	qdbe				0			
	LD-DF-UB-RU	guam	qdbg	nudn ses	M' S2 D M' S D' S		7		0	
	LD-DF-UB-FL	gual	qdbi				0			
	LD-DF-UB-LF	guaf	qdbj				0			
	LD-DF-UB-LB	guah	qdbk				0			
	LD-DF-UB-BL	guar	qdbl				0		0	
	LD-DF-UB-BR	guat	qdbm				0			
	LD-DF-UB-RB	guan	qdbn	hwqm vnpq	L' F' E' M F M' E L		8			
	LD-DF-UB-RF	guap	qdbo				0			
	LD-DF-UB-FR	guaj	qdbp	phwq mvpg qn	E L' F' E' M F E L E' M'		10			
	LD-DF-UB-RD	guao	qdbo				0			
	LD-DF-UB-DB	guaw	qdbu				0			
	LD-DF-UB-DR	guav	qdbv				0			
	LD-DF-UR-BU	gubq	qdcf				0			
	LD-DF-UR-FL	gUBL	qdci				0			
	LD-DF-UR-LF	gubf	qdcj				0			
	LD-DF-UR-LB	gubh	qdck	jawr gqhq vbk	R U F' E2 L E' L' E' F U' R'		11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-DF-UR-BL	gubr		qdcl					0		
LD-DF-UR-BR	gubt		qdcm					0		
LD-DF-UR-RB	gubn		qdcn					0		
LD-DF-UR-RF	gubp		qdco					0	0	
LD-DF-UR-FR	gubj		qdcp					0		P
LD-DF-UR-BD	gubs		qdcr					0		
LD-DF-UR-RD	gubo		qdcs					0		
LD-DF-UR-DR	gubv		qdcv					0		
LD-DF-LU-UB	guea		qdeb					0		
LD-DF-LU-UR	gueb		qdec					0		
LD-DF-LU-BU	gueq		qdef					0		
LD-DF-LU-RU	guem		qdeg					0		
LD-DF-LU-FL	guel		qdei					0		
LD-DF-LU-LF	guef		qdej					0		
LD-DF-LU-BR	guet		qdem					0		
LD-DF-LU-RB	guen		qden					0		
LD-DF-LU-RF	guep		qdeo					0		
LD-DF-LU-FR	guej		qdep					0		
LD-DF-LU-RD	gueo		qdes					0		
LD-DF-LU-DL	guex		qdet					0		
LD-DF-LU-DR	guev		qdev					0		
LD-DF-BU-UL	guqd		qdfa					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DF-BU-UR	guqb	qdfc				0			
	LD-DF-BU-LU	guqe	qdf e				0			A
	LD-DF-BU-RU	guqm	qdfg				0			
	LD-DF-BU-FL	guql	qdfi				0			
	LD-DF-BU-LF	guqf	qdfj				0			
	LD-DF-BU-LB	guqh	qdfk				0			
	LD-DF-BU-RB	guqn	qdfn				0			
	LD-DF-BU-RF	guqp	qdf o				0			
	LD-DF-BU-FR	guqj	qdf p				0			
	LD-DF-BU-BD	guqs	qdfr				0			
	LD-DF-BU-RD	guqo	qdfs				0			
	LD-DF-BU-DB	guqw	qdfu	dndm emen	D M' D M D' M D' M'		8			
	LD-DF-BU-DR	guqv	qdfv				0			
	LD-DF-RU-UB	guma	qdgb				0			
	LD-DF-RU-LF	gumf	qd gj				0			
	LD-DF-RU-BR	gumt	qdgm				0			
	LD-DF-RU-RB	gumn	qdgn				0			
	LD-DF-RU-BD	gums	qdgr				0			A
	LD-DF-RU-DR	gumv	qdgv				0			
	LD-DF-FU-RD	guio	qdhs				0			
	LD-DF-FL-UL	guld	qdia				0			
	LD-DF-FL-UB	gula	qdib				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DF-FL-BU	gulq	qdif				0			
	LD-DF-FL-RU	gulm	qdig				0			
	LD-DF-FL-FR	gulj	qdip				0			P
	LD-DF-FL-BD	guls	qdir				0			
	LD-DF-FL-RD	gulo	qdis				0			
	LD-DF-FL-DL	gulx	qdit				0			
	LD-DF-FL-DB	gulw	qdiu				0			
	LD-DF-LF-UL	gufd	qdja				0			
	LD-DF-LF-UB	gufa	qdjb				0			
	LD-DF-LF-RU	gufm	qdjg				0			
	LD-DF-LF-BL	gufr	qdjl				0			
	LD-DF-LF-BR	guft	qdjm				0			
	LD-DF-LF-RB	gufn	qdjn				0			
	LD-DF-LF-RD	gufo	qdjs	djxn vmv ke	D R F2 M' F M F R' D'		9			
	LD-DF-LF-DB	gufw	qdju				0			
	LD-DF-LF-DR	gufv	qdjv				0			
	LD-DF-LB-UB	guha	qdkb				0			
	LD-DF-LB-UR	guhb	qdkc				0			
	LD-DF-LB-RB	guhn	qdkn				0			
	LD-DF-LB-RF	guhp	qdko				0			
	LD-DF-LB-DR	guhv	qdkv				0			
	LD-DF-BL-UR	gurb	qdlc				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DF-BL-FL	gurl	qdli				0			
	LD-DF-BL-LF	gurf	qdlj				0			
	LD-DF-BL-BR	gurt	qdlm				0			
	LD-DF-BL-RF	gurp	qdlo				0			
	LD-DF-BL-BD	gurs	qdlr				0			
	LD-DF-BL-RD	guro	qdls				0			
	LD-DF-BL-DB	gurw	qdlu				0			
	LD-DF-BR-UL	gutd	qdma				0		0	
	LD-DF-BR-UB	guta	qdmb				0		P	
	LD-DF-BR-UR	gutb	qdmc	gwpv jvqw kh	L F' E F R F E' F' R' L'		10			
	LD-DF-BR-LU	gute	qdme				0			
	LD-DF-BR-BU	gutq	qdmf				0			
	LD-DF-BR-RU	gutm	qdmg				0			
	LD-DF-BR-FL	gutl	qdmh				0			
	LD-DF-BR-LF	gutf	qdmj				0			
	LD-DF-BR-LB	guth	qdmk				0			
	LD-DF-BR-BL	gutr	qdml				0			
	LD-DF-BR-RF	gutp	qdmo				0			
	LD-DF-BR-FR	gutj	qdmp				0			
	LD-DF-BR-BD	guts	qdmr				0			
	LD-DF-BR-RD	guto	qdms				0			
	LD-DF-BR-DB	gutw	qdmu				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-DF-BR-DR	gutv		aaaa					0		
LD-DF-RB-UL	gund		qdmv					0		
LD-DF-RB-UB	guna		qdna					0		
LD-DF-RB-UR	gunb		qdnb					0		
LD-DF-RB-LU	gune		qdnc					0		
LD-DF-RB-RU	gunm		qdne					0		
LD-DF-RB-FL	gunl		qdng					0		
LD-DF-RB-LF	gunf		qdni					0		
LD-DF-RB-LB	gunh		qdnj					0		
LD-DF-RB-BL	gunr		qdnk					0		
LD-DF-RB-BR	gunt		qdnl					0		
LD-DF-RB-RF	gunp		qdnm					0		
LD-DF-RB-FR	gunj		qdno					0		
LD-DF-RB-BD	guns		qdnp					0		
LD-DF-RB-RD	guno		qdnr					0		
LD-DF-RB-DB	gunw		qdns					0		
LD-DF-RB-DR	gunv		qdnu					0		
LD-DF-RF-UL	gupd		qdnu					0		
LD-DF-RF-UB	gupa		qdov					0		
LD-DF-RF-UR	gupb		qdob					0		
LD-DF-RF-LU	gupe		qdoc					0		
LD-DF-RF-BU	gupq		qdof					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-DF-RF-RU	gupm	aaaa					0			
LD-DF-RF-FL	gupl	qdog					0			
LD-DF-RF-LF	gupf	qdoi					0			
LD-DF-RF-LB	guph	qdok					0			
LD-DF-RF-BL	gupr	qdol					0		L	
LD-DF-RF-BR	gupt	qdom					0			
LD-DF-RF-RB	gupn	qdon					0			
LD-DF-RF-BD	gups	qdor					0			
LD-DF-RF-RD	gupo	qdos					0		O	
LD-DF-RF-DR	gupv	qdov					0			
LD-DF-FR-UL	gujd	qdpa					0			
LD-DF-FR-UB	guja	qdpb					0			
LD-DF-FR-UR	gujb	qdpc					0			
LD-DF-FR-LU	guje	qdpe					0			
LD-DF-FR-BU	gujq	qdpf					0			
LD-DF-FR-RU	gujm	qdpg					0			
LD-DF-FR-FL	gujl	qdpi					0			
LD-DF-FR-LF	gujf	qdpj					0			
LD-DF-FR-LB	gujh	qdpk					0		A	
LD-DF-FR-BL	gujr	qdpl					0		C	
LD-DF-FR-BR	gujt	qdpm					0			
LD-DF-FR-RB	gujn	qdpn					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-DF-FR-BD	gujs		qdpr				0			
LD-DF-FR-RD	gujo		qdps				0			
LD-DF-FR-DB	gujw		qdpu				0			
LD-DF-FR-DR	gujv		qdpv				0			
LD-DF-BD-UL	gusd		qdra				0			
LD-DF-BD-UB	gusa		qdrb				0			
LD-DF-BD-LU	guse		qdre				0			
LD-DF-BD-BU	gusq		qdrf				0			
LD-DF-BD-RU	gusm		qdrg				0			
LD-DF-BD-FL	gusl		qdri				0		O	
LD-DF-BD-LF	gusf		qdrj				0			
LD-DF-BD-LB	gush		qdrk				0		O	
LD-DF-BD-BL	gusr		qdrl				0		A	
LD-DF-BD-BR	gust		qdrm				0			
LD-DF-BD-RB	gusn		qdrn				0			
LD-DF-BD-RF	gusp		qdro				0			
LD-DF-BD-FR	gusj		qd rp				0		A	
LD-DF-BD-RD	guso		qd rs				0		O	
LD-DF-BD-DR	gusv		qd rv				0			
LD-DF-RD-UL	guod		qd sa				0			
LD-DF-RD-UB	guoa		qd sb				0			
LD-DF-RD-UR	guob		qd sc				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-DF-RD-LU	guoe		qdse					0		
LD-DF-RD-BU	guoq		qdsf					0		
LD-DF-RD-RU	guom		qdsg					0		
LD-DF-RD-FL	guol		qdsi					0		
LD-DF-RD-LF	guof		qdsj					0		
LD-DF-RD-LB	guoh		qdsk					0		
LD-DF-RD-BL	guor		qdsl					0		
LD-DF-RD-BR	guot		qdsm					0		
LD-DF-RD-RB	guon		qdsn					0		
LD-DF-RD-RF	guop		qdso					0		
LD-DF-RD-FR	guoj		qdsp					0		
LD-DF-RD-BD	guos		qdsr					0		
LD-DF-RD-DL	guox		qdst					0		
LD-DF-RD-DB	guow		qdsu					0		
LD-DF-DL-LU	guxe		qdte					0		
LD-DF-DL-LF	guxf		qdtj					0		
LD-DF-DB-UL	guwd		qdua					0		
LD-DF-DB-UB	guwa		qdub					0		
LD-DF-DB-UR	guwb		qduc					0		
LD-DF-DB-LU	guwe		qdue					0		
LD-DF-DB-BU	guwq		qduf					0		
LD-DF-DB-RU	guwm		qdug					0		

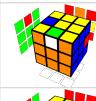
UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-DF-DB-FU	guwi	aaaa	qduh					0		
LD-DF-DB-FL	guwl	aaaa	qdui					0		
LD-DF-DB-LF	guwf	aaaa	qduj					0		
LD-DF-DB-LB	guwh	aaaa	qduk					0		
LD-DF-DB-BL	guwr	aaaa	qdul					0		
LD-DF-DB-BR	guwt	aaaa	qdum					0		
LD-DF-DB-RB	guwn	aaaa	qdun					0		
LD-DF-DB-RF	guwp	aaaa	qduo					0		
LD-DF-DB-FR	guwj	aaaa	qdup					0		
LD-DF-DB-RD	guwo	aaaa	qdus					0		
LD-DF-DB-DR	guvv	aaaa	qduv					0		
LD-DF-DR-UL	guvd	aaaa	qdva					0		
LD-DF-DR-UB	guva	aaaa	qdvb					0		
LD-DF-DR-UR	guvb	aaaa	qdvc					0		
LD-DF-DR-LU	guve	aaaa	qdve					0		
LD-DF-DR-BU	guvq	aaaa	qdvf					0		
LD-DF-DR-RU	guvm	aaaa	qdvg					0		
LD-DF-DR-FL	guvl	aaaa	qdvi					0		
LD-DF-DR-LF	guvf	aaaa	qdvj					0		
LD-DF-DR-LB	guvh	aaaa	qdvk					0		
LD-DF-DR-BL	guvr	aaaa	qdvl					0		
LD-DF-DR-BR	guvt	aaaa	qdvm					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DF-DR-RB	guvn	qdvn				0			
	LD-DF-DR-BD	guvs	qdvr				0			
	LD-DF-DR-DB	guvw	qdvu				0			
	LD-LU-UB-UR	geab	qebc				0			
	LD-LU-UB-RU	geam	qebg				0			
	LD-LU-UB-FU	geai	qebh				0		0	
	LD-LU-UB-FL	geal	qebi				0			
	LD-LU-UB-LF	geaf	qebj				0			
	LD-LU-UB-LB	geah	qebk				0			
	LD-LU-UB-BL	gear	qebl				0			
	LD-LU-UB-BR	geat	qebm	jatb ibsa ki	R U S' U' L2 U' S U R' L2		10			
	LD-LU-UB-RB	gean	qebn				0			
	LD-LU-UB-RF	geap	qebo				0			
	LD-LU-UB-FR	geaj	qebp				0			
	LD-LU-UB-RD	geao	qebs				0			
	LD-LU-UB-DR	geav	qebv				0			
	LD-LU-UR-UB	geba	qecb				0			
	LD-LU-UR-FU	gebi	qech				0			
	LD-LU-UR-LF	gebf	qecj				0			
	LD-LU-UR-BL	gebr	qecl				0			
	LD-LU-UR-BR	gebt	qecm				0			
	LD-LU-UR-RB	gebn	qecn				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LU-UR-RF	gebp	qeco				0			
	LD-LU-UR-FR	gebj	qecp				0			
	LD-LU-UR-DB	gebw	qecu				0			
	LD-LU-DF-UR	geub	qedc				0			
	LD-LU-DF-RU	geum	qedg				0			
	LD-LU-DF-FU	geui	qedh				0			A
	LD-LU-DF-LB	geuh	qedk				0			
	LD-LU-DF-BL	geur	qedl				0			
	LD-LU-DF-BR	geut	qedm				0			
	LD-LU-DF-RD	geuo	qedo	cndm setc	U2 M' D M S D' S' U2		8			
	LD-LU-BU-UR	geqb	qefc	latd nbmd sfl	R2 U S' D M' U' M D S D2 R2		11			
	LD-LU-BU-DF	gequ	qefd	nbms ctan bmb	M' U' M S U2 S' U M' U' M U'		11			
	LD-LU-BU-RU	geqm	qefg	kvja snbh bmgt	R' F R U S M' U' L' U' I S'		12			
	LD-LU-BU-FU	geqi	qefh				0			
	LD-LU-BU-FL	geql	qefi	ekwo vjbm afme	D' R' F' M2 F R U' M U D2 M D'		12			
	LD-LU-BU-LF	geqf	qefj	xagv ahwh bhw	F2 U L F U L' F' L' U' L' F'		11			
	LD-LU-BU-LB	geqh	qefk	bgwe gths dvha	U' L F' D' L S' L' S D F L' U		12			A
	LD-LU-BU-BL	geqr	qefl	dwnd gqhp emve	D F' M' D L E' L' E D' M F D'		12			
	LD-LU-BU-BR	geqt	qefm	jatd nbmd sfk	R U S' D M' U' M D S D2 R'		11			
	LD-LU-BU-RB	geqn	qefn	vjcu atct bkw	F R U2 S2 U S' U2 S' U' R' F'		11			
	LD-LU-BU-RF	geqp	qefo	vjan sbhb gtmk	F R U M' S U' L' U' L S' r'		12			
	LD-LU-BU-FR	geqj	qefp	katd nbmd sfj	R' U S' D M' U' M D S D2 R		11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LU-BU-BD	geqs	qefr	anse tand mbmb	U M' S D' S' U M' D M U' M U'		12			
	LD-LU-BU-RD	geqo	qefs	vdja oamc mkew	F D R U M2 U M U2 r' D' F'		12			
	LD-LU-BU-DB	geqw	qefu	cmas ctnb mbna	U2 M U S U2 S' M' U' M U' M' U		12			
	LD-LU-BU-DR	geqv	qefv	atdn bmd sf	U S' D M' U' M D S D2		9			
	LD-LU-RU-UB	gema	qegb				0			
	LD-LU-RU-DF	gemu	qegd				0			
	LD-LU-RU-LF	gemf	qegj				0			
	LD-LU-RU-BL	gemr	qegl				0			
	LD-LU-RU-BR	gemt	qegm				0			
	LD-LU-RU-RF	gemp	qego				0			
	LD-LU-RU-FR	gemj	qegp				0			
	LD-LU-RU-BD	gems	qegr				0			
	LD-LU-RU-RD	gemo	qegs				0			
	LD-LU-RU-DB	gemw	qegu				0			
	LD-LU-FU-UB	geia	qehb				0			
	LD-LU-FU-UR	geib	qehc				0			
	LD-LU-FU-BU	geiq	qehf				0			
	LD-LU-FU-RU	geim	qehg				0			
	LD-LU-FU-FL	geil	qehi				0			
	LD-LU-FU-LF	geif	qehj				0			
	LD-LU-FU-LB	geih	qehk				0			
	LD-LU-FU-BL	geir	qe hl				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-LU-FU-BR	geit		aaaa					0		
LD-LU-FU-RB	gein		aaaa					0		
LD-LU-FU-RF	geip		aaaa					0		
LD-LU-FU-FR	geij		aaaa					0		
LD-LU-FU-BD	geis		aaaa					0		
LD-LU-FU-RD	geio		aaaa					0		
LD-LU-FU-DR	geiv		aaaa					0		
LD-LU-FL-UB	gela		aaaa					0		
LD-LU-FL-UR	gelb		aaaa					0		
LD-LU-FL-DF	gelu		aaaa					0		
LD-LU-FL-FU	geli		aaaa					0		
LD-LU-FL-LB	gelh		aaaa					0		
LD-LU-FL-BL	gelr		aaaa					0		
LD-LU-FL-RB	geln		aaaa					0		
LD-LU-FL-RF	gelp		aaaa					0		
LD-LU-FL-RD	gelo		aaaa					0		
LD-LU-FL-DB	gelw		aaaa					0		
LD-LU-LF-UB	gefa		aaaa					0		
LD-LU-LF-BU	gefq		aaaa					0		
LD-LU-LF-LB	gefh		aaaa					0		
LD-LU-LF-RB	gefn		aaaa					0		
LD-LU-LF-DB	gefw		aaaa					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LU-LB-UR	gehb	qekc				0			
	LD-LU-LB-BU	gehq	qekf				0			
	LD-LU-LB-RU	gehm	qekg				0			
	LD-LU-LB-FL	gehl	qeki				0		L	
	LD-LU-LB-LF	gehf	qekj				0			
	LD-LU-LB-BL	gehr	qekl				0			
	LD-LU-LB-BR	geht	qekm				0			
	LD-LU-LB-BD	gehs	qekr				0			
	LD-LU-LB-RD	geho	qeks				0			
	LD-LU-BL-UB	gera	qelb				0			
	LD-LU-BL-UR	gerb	qelc				0			
	LD-LU-BL-RU	germ	qelg				0			
	LD-LU-BL-FL	gerl	qeli				0			
	LD-LU-BL-LF	gerf	qelj				0			
	LD-LU-BL-BR	gert	qelm				0			
	LD-LU-BL-RB	gern	qeln				0			
	LD-LU-BL-RF	gerp	qelo				0			
	LD-LU-BL-BD	gers	qelr				0			
	LD-LU-BL-RD	gero	qels				0			O
	LD-LU-BL-DR	gerv	qelv				0			
	LD-LU-BR-UB	geta	qemb	t doe jeod ks	S' D M2 D' R D' M2 D R' S		10			
	LD-LU-BR-UR	getb	qemc	dvc kpjq cwke	D R F U2 R' E R E' U2 F' R' D'		11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	LD-LU-BR-DF	getu	qemd					0		
	LD-LU-BR-BU	getq	qemf	bjsk akau bsj	U' R S R' U R' U S2 U' S R			11		
	LD-LU-BR-RU	getm	qemg	mwtk uktl vn	M S' F' R' S2 R' S' R2 F M'			10		
	LD-LU-BR-FU	geti	qemh					0		
	LD-LU-BR-LF	getf	qemj					0		
	LD-LU-BR-LB	geth	qemk	qvgq hwhp gp	E' F L E' L' F' L' E L E			10		
	LD-LU-BR-BL	getr	qeml	qkuj vjuk wp	E' R' S2 R F R S2 R' F' E			10		
	LD-LU-BR-RF	getp	qemo	kbit asbi aj	R' U' L2 S' U S U' L2 U R			10		
	LD-LU-BR-FR	getj	qemp	amaj skbk tnjb	U M U R S R' U' R' S' r U'			12	0	
	LD-LU-BR-BD	gets	qemr	kbib mani aj	R' U' L2 U' M U M' L2 U R			10		
	LD-LU-BR-RD	geto	qems	enkbnbmc mjd	D' M' R' U' M' U' M U2 M R D			11	A	
	LD-LU-BR-DB	getw	qemu	bwpj sjsk qkv ao	U' F' E R S R S R' E' R' F U M2			13	0	
	LD-LU-BR-DR	getv	qemv	ajas kbkb kajt	U R U S R' U' R' U' R' U R S'			12	A	
	LD-LU-RB-UB	gena	qenb					0		A
	LD-LU-RB-DF	genu	qend					0		
	LD-LU-RB-BU	genq	qenf					0		
	LD-LU-RB-RU	genm	qeng					0		
	LD-LU-RB-LF	genf	qenj					0		
	LD-LU-RB-LB	genh	qenk					0		
	LD-LU-RB-BL	genr	qenl					0		
	LD-LU-RB-RF	genp	qeno	nbku jaju mk	M' U' R' S2 R U R S2 r'			10		
	LD-LU-RB-FR	genj	qenp					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LU-RB-BD	gens	qenr				0			
	LD-LU-RB-RD	geno	qens				0			
	LD-LU-RB-DB	genw	qenu				0			
	LD-LU-RB-DR	genv	qenv				0			
	LD-LU-RF-UB	gepa	qeob				0			
	LD-LU-RF-UR	gepb	qeoc				0			
	LD-LU-RF-DF	gepu	qeod				0			
	LD-LU-RF-BU	gepq	qeof				0			
	LD-LU-RF-RU	gepm	qeog				0			
	LD-LU-RF-FU	gepi	qeoh				0			
	LD-LU-RF-FL	gepl	qeoi				0			
	LD-LU-RF-LF	gepf	qeoj				0			
	LD-LU-RF-LB	geph	qeok				0			
	LD-LU-RF-BL	gepr	qeol				0		L	
	LD-LU-RF-BR	gept	qeom				0			
	LD-LU-RF-RB	gepn	qeon				0		O	
	LD-LU-RF-BD	geps	qeor				0			
	LD-LU-RF-RD	gepo	qeos				0			
	LD-LU-RF-DB	gepw	qeou				0			
	LD-LU-RF-DR	gepv	qeov				0		A	
	LD-LU-FR-UB	geja	qepb	taub kbua js	S' U S2 U' R' U' S2 U R S		10			
	LD-LU-FR-UR	gejb	qepc	sbkb ucks jbja	S U' R' U' S2 U2 R' S R U' R U		12			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LU-FR-BU	gejq	qepf	bksj ajau bsk	U' R' S R U R U S2 U' S R'		11			
	LD-LU-FR-RU	gejm	qepg	tmlw hrgv ntl	S' M R2 F' L' E2 L F M' S' R2		11			
	LD-LU-FR-FL	gejl	qepi	pnbk ujaj umkq	E M' U' R' S2 R U R S2 r' E'		12			
	LD-LU-FR-LF	gejf	qepj	fajb bkbk eve	D2 R U R U' R' U' R' D' F D'		11			
	LD-LU-FR-LB	gejh	qepk	qvgq hvhp gxp	E' F L E' L' F L' E L F2 E		11			
	LD-LU-FR-BL	gejr	qepl	qxku jwju kwp	E' F2 R' S2 R F' R S2 R' F' E		11			
	LD-LU-FR-BR	gejt	qepm	nbkt jakt lumk	M' U' R' S' R U R' S' R2 S2 r'		12			
	LD-LU-FR-RB	gejn	qepn	vjuk ekuj dw	F R S2 R' D' R' S2 R D F'		10			
	LD-LU-FR-BD	gejs	qepr	dhxp qww ge	D L' F2 E F' E' F' L D'		9			
	LD-LU-FR-RD	gejo	qebs	egwn wmx hd	D' L F' M' F' M F2 L' D		9			
	LD-LU-FR-DB	gejw	qept	enjb gwmv kvhd	D' r U' L F' M F R' F L' D		12			
	LD-LU-FR-DR	gejv	qeptv	bscu ksjt bjsk	U' S U2 S2 R' S R S' U' R S R'		12			
	LD-LU-BD-UB	gesa	qerb				0			
	LD-LU-BD-UR	gesb	qerc	mbnb manb sct	M U' M' U' M U M' U' S U2 S'		11			
	LD-LU-BD-DF	gesu	qerd	nvgw mvqi pgw	M' F L F' M F E' L2 E L F'		11			
	LD-LU-BD-BU	gesq	qerf				0			
	LD-LU-BD-RU	gesm	qerg	atmc naia sbi	U S' M U2 M' U L2 U S U' L2		11			
	LD-LU-BD-FU	gesi	qerh				0			
	LD-LU-BD-FL	gesl	qeri	fhev qqph wdgf	D2 L' D' F E' L E L' F' D L D2		12			
	LD-LU-BD-LF	gesf	qerj	rvju kdku jewr	E2 F R S2 R' D R' S2 R D' F' E2		12			
	LD-LU-BD-LB	gesh	qerk	wrhr gdgr hrev	F' E2 L' E2 L D L E2 L' E2 D' F		12			
	LD-LU-BD-BL	gesr	qerl	qvju kdku jewp	E' F R S2 R' D R' S2 R D' F' E		12			0

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LU-BD-BR	gest	qerm	vngq hwhp gymw	F M' L E' L' F' L' E L F M F'		12			
	LD-LU-BD-RB	gesn	qern	vjuk dkuj ew	F R S2 R' D R' S2 R D' F'		10			
	LD-LU-BD-RF	gesp	qero	vgwp vnwm vqhw	F L F' E F M' F' M F E' L' F'		12			
	LD-LU-BD-FR	gesj	qerp	pvju kdku jewq	E F R S2 R' D R' S2 R D' F' E'		12			
	LD-LU-BD-RD	geso	qers	amdo bnes dtoe	U M D M2 U' M' D' S D S' M2 D'		12			
	LD-LU-BD-DR	gesv	qerv	mtfs dnbs dta	M S' D2 S D M' U' S D S' U		11			
	LD-LU-RD-UB	geoa	qesb				0			
	LD-LU-RD-UR	geob	qesc	lbsa las bu	R2 U' S U R2 U S U' S2		9			
	LD-LU-RD-DF	geou	qed				0			
	LD-LU-RD-BU	geoq	qesf				0			
	LD-LU-RD-RU	geom	qesg	ujvj ukwk	S2 R F R S2 R' F' R'		8			
	LD-LU-RD-FU	geoi	qesh				0			P
	LD-LU-RD-FL	geol	qesi				0			
	LD-LU-RD-LF	geof	qesj				0			
	LD-LU-RD-LB	geoh	qesk				0			
	LD-LU-RD-BL	geor	qesl				0			
	LD-LU-RD-BR	geot	qesm				0			
	LD-LU-RD-RB	geon	qesn				0			
	LD-LU-RD-RF	geop	qeso	k bv k tks l waj	R' U' F R' S' R' S R2 F' U R		11			
	LD-LU-RD-FR	geoj	qesp	uj sb tjsk aks	S2 R S U' S' R S R' U R' S		11			
	LD-LU-RD-BD	geos	qesr				0			
	LD-LU-RD-DB	geow	quesu				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LU-DL-FU	gexi	qeth				0		L	
	LD-LU-DL-LF	gexf	qetj				0		O	
	LD-LU-DB-UB	gewa	qeub				0			
	LD-LU-DB-UR	gewb	qeuc				0			
	LD-LU-DB-DF	gewu	qeud				0			
	LD-LU-DB-BU	gewq	qeuf				0			
	LD-LU-DB-RU	gewm	qeug				0			
	LD-LU-DB-FL	gewl	qeui				0			
	LD-LU-DB-LF	gewf	qeuj				0			
	LD-LU-DB-LB	gewh	qeuk				0			
	LD-LU-DB-BL	gewr	qeul				0			
	LD-LU-DB-BR	gewt	qeum				0			
	LD-LU-DB-RB	gewn	qeun				0			
	LD-LU-DB-RF	gewp	qeuo				0			
	LD-LU-DB-FR	gewj	qeup				0			
	LD-LU-DB-RD	gewo	qeus				0			
	LD-LU-DB-DR	gewv	qeuv				0			
	LD-LU-DR-UB	geva	qevb				0			
	LD-LU-DR-UR	gevb	qevc				0			
	LD-LU-DR-DF	gevu	qevd				0			
	LD-LU-DR-BU	gevq	qevf				0			
	LD-LU-DR-RU	gevm	qevg				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-LU-DR-FU	gevi	gevh						0		
LD-LU-DR-FL	gevl	qevi						0		
LD-LU-DR-LF	gevf	qevj						0		
LD-LU-DR-LB	gevh	qevk						0		
LD-LU-DR-BL	gevr	qevl						0		
LD-LU-DR-BR	gevt	qevm						0		
LD-LU-DR-RB	gevn	qevn						0		
LD-LU-DR-RF	gevp	qevo						0		
LD-LU-DR-FR	gevj	qevp						0		
LD-LU-DR-BD	gevs	qevr						0		
LD-LU-DR-DB	gevw	qevu						0		
LD-BU-UL-UB	gqda	qfab						0		
LD-BU-UL-FU	gqdi	qfah						0		
LD-BU-UL-FL	gqdl	qfai						0		
LD-BU-UL-LF	gqdf	qfaj						0		
LD-BU-UL-LB	gqdh	qfak						0		A
LD-BU-UL-BR	gqdt	qfam						0		
LD-BU-UL-RB	gqdn	qfan						0		P
LD-BU-UL-RF	gqdp	qfao						0		
LD-BU-UL-FR	gqdj	qfap						0		
LD-BU-UL-BD	gqds	qfar						0		
LD-BU-UL-DB	gqdw	qfau						0		O

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BU-UL-DR	gqdv	qfav				0			
	LD-BU-UB-LF	gqaf	qfbj				0			
	LD-BU-UR-LU	gqbe	qfce				0			
	LD-BU-UR-LB	gqbh	qfck				0			
	LD-BU-UR-RF	gqbp	qfcō				0			
	LD-BU-UR-FR	gqbj	qfcō				0			A
	LD-BU-UR-DR	gqbv	qfcv	lasd mbnd tfl	R2 U S D M U' M' D S' D2 R2		11			
	LD-BU-DF-RU	gqum	qfdg				0			
	LD-BU-DF-FL	gqul	qfdi				0			
	LD-BU-DF-BR	gqut	qfdm				0			
	LD-BU-LU-UR	gqeb	qfec				0			
	LD-BU-LU-DF	gqeū	qfed				0			
	LD-BU-LU-RU	gqem	qfeg				0			
	LD-BU-LU-FU	gqei	qfeh				0			
	LD-BU-LU-FL	gqel	qfei				0			
	LD-BU-LU-LF	gqef	qfej				0			
	LD-BU-LU-LB	gqeh	qfek				0			
	LD-BU-LU-BL	gqer	qfel				0			
	LD-BU-LU-FR	gqeј	qfep				0			
	LD-BU-LU-BD	gqes	qfer				0			
	LD-BU-LU-RD	gqeo	qfes				0			
	LD-BU-LU-DB	gqew	qfeu	manb icsb tbi	M U M' U' L2 U2 S U' S' U' L2		11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BU-LU-DR	gqev	qfev				0			
	LD-BU-RU-UL	gqmd	qfga				0			
	LD-BU-RU-UB	gqma	qfgb				0			
	LD-BU-RU-DF	gqmu	qfgd				0			
	LD-BU-RU-LU	gqme	qfge				0			
	LD-BU-RU-FU	gqmi	qfgh				0			
	LD-BU-RU-FL	gqml	qfgi				0			
	LD-BU-RU-LF	gqmf	qfgj				0			
	LD-BU-RU-LB	gqmh	qfgk				0			
	LD-BU-RU-BL	gqmr	qfgl				0			
	LD-BU-RU-BR	gqmt	qfgm				0			
	LD-BU-RU-RB	gqmn	qfgn				0			
	LD-BU-RU-BD	gqms	qfgr				0			
	LD-BU-RU-RD	gqmo	qfgs	aman dmbs etnb	U M U M' D M U' S D' S' M' U'		12			
	LD-BU-RU-DB	gqmw	qfgu				0			
	LD-BU-RU-DR	gqmv	qfgv				0			
	LD-BU-FU-UL	gqid	qfha				0			
	LD-BU-FU-UR	gqib	qfhc				0			
	LD-BU-FU-LU	gqie	qfhe				0			
	LD-BU-FU-RU	gqim	qfhg				0		0	
	LD-BU-FU-LB	gqih	qfhk				0			
	LD-BU-FU-BL	gqir	qfhl				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-BU-FU-BR	gqit		qfhm					0		
LD-BU-FU-RB	gqin		qfhn					0		
LD-BU-FU-RF	gqip		qfho					0		
LD-BU-FU-FR	gqij		qfhp					0		
LD-BU-FU-BD	gqis		qfhr					0		
LD-BU-FU-RD	gqio		qfhs					0		
LD-BU-FU-DL	gqix		qfht					0		0
LD-BU-FL-UL	gqid		qfia					0		
LD-BU-FL-UR	gqlb		qfic					0		
LD-BU-FL-DF	gqlu		qfid					0		
LD-BU-FL-LU	gqle		qfie					0		
LD-BU-FL-RU	gqlm		qfig					0		
LD-BU-FL-FU	gqli		qfih					0		
LD-BU-FL-LB	gqlh		qfik					0		
LD-BU-FL-BL	gqlr		qfil					0		
LD-BU-FL-BR	gqlt		qfim					0		
LD-BU-FL-RB	gqln		qfin					0		
LD-BU-FL-RF	gqlp		qfio					0		
LD-BU-FL-FR	gqlj		qfip					0		
LD-BU-FL-BD	gqls		qfir					0		
LD-BU-FL-RD	gqlo		qfis					0		
LD-BU-FL-DR	gqlv		qfiv					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-BU-LF-UR	gqfb		qfjc					0		
LD-BU-LF-RU	gqfm		qfjg					0		
LD-BU-LF-BR	gqft		qfjm					0		
LD-BU-LF-RB	gqfn		qfjn					0		
LD-BU-LF-RF	gqfp		qfjo					0		
LD-BU-LF-BD	gqfs		qfjr					0		
LD-BU-LF-RD	gqfo		qfjs					0		
LD-BU-LF-DB	gqfw		qfju					0		
LD-BU-LB-UL	gqhd		qfka					0		
LD-BU-LB-UR	gqhb		qfkc					0		
LD-BU-LB-DF	gqhu		qfkd					0		
LD-BU-LB-LU	gqhe		qfke					0		
LD-BU-LB-RU	gqhm		qfkg					0		
LD-BU-LB-FU	gqhi		qfkh					0		
LD-BU-LB-FL	gqhl		qfki					0		
LD-BU-LB-LF	gqhf		qfkj					0		
LD-BU-LB-BR	gqht		qfkm					0		
LD-BU-LB-RB	gqhn		qfkn					0		
LD-BU-LB-RF	gqhp		qfko					0		
LD-BU-LB-FR	gqhj		qfkp					0		
LD-BU-LB-BD	gqhs		qfkr					0		
LD-BU-LB-RD	gqho		qfks					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-BU-LB-DB	gqhw		qfku					0		
LD-BU-LB-DR	gqhv		qfkv					0		
LD-BU-BL-UL	gqrdf		qfla					0		
LD-BU-BL-UR	gqrdb		qflc					0		
LD-BU-BL-LU	gqre		qfle					0		
LD-BU-BL-RU	gqrm		qflg					0		
LD-BU-BL-LF	gqrf		qflj					0		
LD-BU-BL-BR	gqrst		qflm					0		
LD-BU-BL-RB	gqrn		qfln					0		
LD-BU-BL-FR	gqrj		qflp					0		
LD-BU-BL-RD	gqro		qfls					0		
LD-BU-BL-DB	gqrw		qflu					0		
LD-BU-BL-DR	gqrv		qflv					0		
LD-BU-BR-UL	gqttd		qfma					0		o
LD-BU-BR-UR	gqtbd		qfmc					0		
LD-BU-BR-DF	gqtu		qfmnd					0		
LD-BU-BR-LU	gqte		qfme					0		
LD-BU-BR-RU	gqtm		qfmng					0		
LD-BU-BR-FU	gqtid		qfmh					0		
LD-BU-BR-LF	gqtf		qfmj					0		
LD-BU-BR-LB	gqth		qfmk					0		
LD-BU-BR-BL	gqtr		qfml					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BU-BR-RF	gqtp	qfmo				0			
	LD-BU-BR-RD	gqto	qfms				0			
	LD-BU-BR-DB	gqtw	qfmu				0			
	LD-BU-BR-DR	gqtv	qfmv				0			
	LD-BU-RB-UL	gqnd	qfna				0			
	LD-BU-RB-UB	gqna	qfnb				0			
	LD-BU-RB-UR	gqnb	qfnC	mahp wpvr gbn	M U L' E F' E F E2 L U' M'		11			
	LD-BU-RB-DF	gqnu	qfnD				0			
	LD-BU-RB-LU	gqne	qfne				0			
	LD-BU-RB-RU	gqnm	qfnG	jatj fjsk fkbk	R U S' R D2 R S R' D2 R' U' R'		12			
	LD-BU-RB-FU	gqni	qfnh				0			
	LD-BU-RB-FL	gqnl	qfnI	hvkb tbsc jwg	L' F R' U' S' U' S U2 R F' L		11			
	LD-BU-RB-LF	gqnf	qfnj				0			
	LD-BU-RB-LB	gqnh	qfnk				0			
	LD-BU-RB-BL	gqnr	qfnl				0			
	LD-BU-RB-RF	gqnp	qfnO				0			
	LD-BU-RB-FR	gqnj	qfnP				0			
	LD-BU-RB-RD	gqno	qfnS				0			L
	LD-BU-RB-DB	gqnw	qfnU				0			
	LD-BU-RB-DR	gqnv	qfnV				0			
	LD-BU-RF-UL	gqpd	qfoa	ajsk bjta sbtk	U R S R' U' R S' U S U' S' R'		12			
	LD-BU-RF-UB	gqpa	qfob				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BU-RF-UR	gqpb	qfoc	magp vqwh bn	M U L E F E' F' L' U' M'		10			
	LD-BU-RF-DF	gqpu	qfod	kxen dxdm ej	R' F2 D' M' D F2 D M D' R		10			
	LD-BU-RF-LU	gqpe	qfoe	tate jesd kbds	S' U S' D' R D' S D R' U' D S		12			
	LD-BU-RF-RU	gqpm	qfog	kwen dvdm ej	R' F' D' M' D F D M D' R		10			
	LD-BU-RF-FU	gqpi	qfoh				0			
	LD-BU-RF-FL	gqpl	qfoi				0			
	LD-BU-RF-LF	gqpf	qfoj				0			
	LD-BU-RF-LB	gqph	qfok	krwb tavr atbj	R' E2 F' U' S' U F E2 U S' U' R		12			
	LD-BU-RF-BL	gqpr	qfol	iwpj anbh tam kh	L2 F' E R U M' U' L' S' U r' L'		13			
	LD-BU-RF-BR	gqpt	qfom	auju btak bs	U S2 R S2 U' S' U R' U' S		10			
	LD-BU-RF-RB	gqpn	qfon	btkf uktj fja	U' S' R' D2 S2 R' S' R D2 R U		11			
	LD-BU-RF-BD	gqps	qfor	cvke ndmj wc	U2 F R' D' M' D M R F' U2		10			
	LD-BU-RF-RD	gqpo	qfos	atjt jsks kb	U S' R S' R S R' S R' U'		10			
	LD-BU-RF-DB	gqpw	qfou	kfxd nexe mej	R' D2 F2 D M' D' F2 D' M D' R		11			
	LD-BU-RF-DR	gqpv	qfov	wdme vpat qb	F' D M D' F E U S' E' U'		10			
	LD-BU-RF-FD	gqpk	qfox				0			
	LD-BU-FR-UL	gqjd	qfpa				0			
	LD-BU-FR-UB	gqja	qfpb				0			
	LD-BU-FR-UR	gqjb	qfpc				0			A
	LD-BU-FR-DF	gqju	qfpd				0			
	LD-BU-FR-LU	gqje	qfpe				0			
	LD-BU-FR-LB	gqjh	qfpk	kahu gtht gbj	R' U L' S2 L S' L' S' L U' R		11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-BU-FR-BD	gqjs		qfpr					0		
LD-BU-FR-RD	gqjo		qfps					0		
LD-BU-FR-DR	gqjv		qfpv					0		
LD-BU-BD-UL	gqsd		qfra					0		
LD-BU-BD-UR	gqsb		qfrc					0		
LD-BU-BD-DF	gqus		qfrd					0		
LD-BU-BD-LU	gqse		qfre					0		
LD-BU-BD-RU	gqsm		qfrg					0		
LD-BU-BD-FU	gqsi		qfrh					0		
LD-BU-BD-FL	gqsl		qfri					0		
LD-BU-BD-LF	gqsf		qfrj					0		
LD-BU-BD-LB	gqsh		qfrk					0		0
LD-BU-BD-BL	gqsr		qfrl					0		
LD-BU-BD-BR	gqst		qfrm					0		
LD-BU-BD-RF	gqsp		qfro					0		
LD-BU-BD-FR	gqsj		qfrp					0		
LD-BU-BD-DR	gqsv		qfrv					0		
LD-BU-RD-UL	gqod		qfsa					0		
LD-BU-RD-UR	gqob		qfsc					0		
LD-BU-RD-LU	gqoe		qfse					0		
LD-BU-RD-FU	gqoi		qfsh					0		
LD-BU-RD-FL	gqol		qfsi					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		A
	LD-BU-RD-RB	gqon	qfsn					0		
	LD-BU-RD-RF	gqop	qfso					0		
	LD-BU-RD-BD	gqos	qfsr					0		
	LD-BU-DL-UL	gqxrd	qfta					0		0
	LD-BU-DL-LF	gqxrf	qftj					0		
	LD-BU-DL-BL	gqxrl	qftl					0		
	LD-BU-DB-UL	gqwd	qfua					0		
	LD-BU-DB-UB	gqwa	qfub					0		
	LD-BU-DB-UR	gqwb	qfuc					0		
	LD-BU-DB-DF	gqwu	qfud	memsa sdtas o	M D' M U S D S' U M2 U2			10		
	LD-BU-DB-LU	gqwe	qfue					0		
	LD-BU-DB-RU	gqwm	qfug					0		
	LD-BU-DB-FL	gqwl	qfui					0		
	LD-BU-DB-LF	gqwf	qfuj					0		
	LD-BU-DB-LB	gqwh	qfuk					0		
	LD-BU-DB-BL	gqwr	qful					0		
	LD-BU-DB-BR	gqwt	qfum					0		
	LD-BU-DB-RB	gqwn	qfun					0		
	LD-BU-DB-RF	gqwp	qfuo					0		
	LD-BU-DB-FR	gqwj	qfup					0		
	LD-BU-DB-RD	gqwo	qfus					0		
	LD-BU-DB-DR	gqwv	qfuv					0		0

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BU-DR-UL	gqv d	qfva	dnbm dta fs	D M' U' M D S' U D2 S		9			
	LD-BU-DR-UR	gqvb	qfv c	asdm bnd tf	U S D M U' M' D S' D2		9			
	LD-BU-DR-DF	gqvu	qfv d	cnbt dsb me	U2 M' U' S' D S U' M D'		9			
	LD-BU-DR-LU	gqve	qfv e	alas bubs alb	U R2 U S U' S2 U' S U R2 U'		11			
	LD-BU-DR-RU	gqvm	qfv g	albs auas blb	U R2 U' S U S2 U S U' R2 U'		11			
	LD-BU-DR-FU	gqvi	qfv h				0			
	LD-BU-DR-FL	gqvl	qfv i				0			
	LD-BU-DR-LF	gqvf	qfv j				0			
	LD-BU-DR-LB	gqvh	qfv k	akrg qhq jb	U R' E2 L E' L' E' R U'		9			
	LD-BU-DR-BL	gqvr	qfv l	qaks jsku jbp	u R' S R S R' S2 R u'		11			
	LD-BU-DR-BR	gqvt	qfv m	qajs ksju kbp	u R S R' S R S2 R' u'		11			
	LD-BU-DR-RF	gqvp	qfv o	ajsk sju kb	U R S R' S R S2 R' U'		9			
	LD-BU-DR-FR	gqvj	qfv p	dvow mvm we	D F M2 F' M F M F' D'		9			
	LD-BU-DR-BD	gqvs	qfv r				0			
	LD-BU-DR-DB	gqvw	qfv u				0			0
	LD-RU-UL-FU	gm di	qgah				0			
	LD-RU-UL-FL	gm dl	qgai				0			
	LD-RU-UL-LB	gm dh	qgak				0			
	LD-RU-UL-BL	gm dr	qgal				0			
	LD-RU-UL-BR	gm dt	qgam				0			
	LD-RU-UL-RB	gm dn	qgan				0			
	LD-RU-UL-BD	gm ds	qgar				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RU-UB-UL	gmad	qgba	ibsa tcsb tbi	L2 U' S U S' U2 S U' S' U' L2		11			
	LD-RU-UB-UR	gmab	qgbc				0			
	LD-RU-UB-DF	gmau	qgbd				0			
	LD-RU-UB-LU	gmae	qgbe				0			
	LD-RU-UB-FL	gmal	qgbi				0			
	LD-RU-UB-LF	gmaf	qgbj				0			A
	LD-RU-UB-LB	gmah	qgbk				0			
	LD-RU-UB-BL	gmar	qgbl				0			
	LD-RU-UB-RF	gmap	qgbo				0			A
	LD-RU-UB-FR	gmaj	qgbp				0			
	LD-RU-UB-RD	gmao	qgbs				0			
	LD-RU-UB-DR	gmav	qgbv				0			
	LD-RU-UR-BR	gmbt	qgcm				0			
	LD-RU-UR-RB	gmbn	qgcn				0			
	LD-RU-DF-UL	gmud	qgda				0			
	LD-RU-DF-UB	gmua	qgdb				0			
	LD-RU-DF-LU	gmue	qgde	satc nbmc	S U S' U2 M' U' M U2		8			
	LD-RU-DF-BU	gmuq	qgdf	dtbn amse	D S' U' M' U M S D'		8			
	LD-RU-DF-FL	gmul	qgdi				0			
	LD-RU-DF-LF	gmuf	qgdj				0			
	LD-RU-DF-BL	gmur	qgdl	avqh pgwb	U F E' L' E L F' U'		8			
	LD-RU-DF-RB	gmun	qgdn				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-RU-DF-RF	gmup	aaaa					0			
LD-RU-DF-FR	gmuj	aaaa					0			
LD-RU-DF-DR	gmuv	aaaa					0			
LD-RU-LU-UB	gmea	aaaa					0			A
LD-RU-LU-BU	gmeq	aaaa					0			
LD-RU-LU-LB	gmeh	aaaa					0			
LD-RU-LU-BL	gmer	aaaa					0			
LD-RU-LU-BR	gmet	aaaa					0			
LD-RU-LU-RF	gmepl	aaaa					0			
LD-RU-LU-FR	gmej	aaaa					0			
LD-RU-LU-BD	gmes	aaaa					0			
LD-RU-BU-UL	gmqd	aaaa					0			
LD-RU-BU-DF	gmqu	aaaa					0			
LD-RU-BU-LU	gmqe	aaaa					0			
LD-RU-BU-FU	gmqi	aaaa					0			
LD-RU-BU-RB	gmqn	aaaa					0			
LD-RU-BU-RF	gmqp	aaaa					0			
LD-RU-FU-UL	gmid	aaaa					0			
LD-RU-FU-UB	gmia	aaaa					0			
LD-RU-FU-UR	gmib	aaaa					0			
LD-RU-FU-FL	gmil	aaaa					0			
LD-RU-FU-LF	gmif	aaaa					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-RU-FU-BL	gmir	qghl						0		
LD-RU-FU-BR	gmit	qghm						0		
LD-RU-FU-RB	gmin	qghn						0		
LD-RU-FU-FR	gmij	qghp						0		
LD-RU-FU-BD	gmis	qghr						0		
LD-RU-FU-DB	gmiw	qghu						0		
LD-RU-FL-UL	gmld	qgia						0		
LD-RU-FL-UB	gmla	qgib						0		
LD-RU-FL-DF	gmlu	qgid						0		
LD-RU-FL-LU	gmle	qgie						0		
LD-RU-FL-BL	gmlr	qgil						0		
LD-RU-FL-RB	gmln	qgin						0		
LD-RU-FL-RF	gmlp	qgio						0		
LD-RU-FL-FR	gmlj	qgip						0		
LD-RU-FL-RD	gmlo	qgis						0		0
LD-RU-FL-DR	gmlv	qgiv						0		
LD-RU-LF-UL	gmfd	qgja						0		
LD-RU-LF-UB	gmfa	qgjb						0		
LD-RU-LF-UR	gmfb	qgjc						0		
LD-RU-LF-DF	gmfu	qgjd						0		
LD-RU-LF-LU	gmfe	qgje						0		
LD-RU-LF-BU	gmfq	qgjf						0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	LD-RU-LF-FU	gmfi	qgjh					0		
	LD-RU-LF-LB	gmfh	qgjk	fjrk wkrj vf	D2 R E2 R' F' R' E2 R F D2			10		
	LD-RU-LF-RF	gmfp	qgjo					0		
	LD-RU-LF-FR	gmfj	qgjp					0		
	LD-RU-LF-BD	gmfs	qgjr					0		
	LD-RU-LF-RD	gmfo	qgjs	bvit bsai wa	U' F L2 S' U' S U L2 F' U			10		
	LD-RU-LF-DR	gmfv	qgjv					0		
	LD-RU-LB-UL	gmhd	qgka					0		
	LD-RU-LB-UB	gmha	qgkb					0		
	LD-RU-LB-UR	gmhb	qgkc					0		
	LD-RU-LB-DF	gmhu	qgkd					0		
	LD-RU-LB-LU	gmhe	qgke					0		
	LD-RU-LB-BU	gmhq	qgkf					0		
	LD-RU-LB-FL	gmhl	qgki					0		
	LD-RU-LB-LF	gmhf	qgkj					0		
	LD-RU-LB-BR	gmht	qgkm					0		
	LD-RU-LB-RB	gmhn	qgkn					0		
	LD-RU-LB-RF	gmhp	qgko					0		
	LD-RU-LB-FR	gmhj	qgkp					0		
	LD-RU-LB-BD	gmhs	qgkr	bivb mbnc wia	U' L2 F U' M U' M' U2 F' L2 U			11		P
	LD-RU-LB-RD	gmho	qgks					0		
	LD-RU-LB-DB	gmhw	qgku	wpkw mdne vjqv	F' E' R' F' M D M' D' F R E' F			12		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-RU-LB-DR	gmhv		qgkv					0		
LD-RU-BL-UL	gmrd		qgla					0		
LD-RU-BL-UB	gmra		qglb					0		
LD-RU-BL-DF	gmru		qgld					0		
LD-RU-BL-LU	gmre		qgle					0		
LD-RU-BL-BU	gmrq		qglf					0		
LD-RU-BL-FU	gmri		qglh					0		
LD-RU-BL-FL	gmrl		qgli					0		
LD-RU-BL-LF	gmrf		qglj					0		
LD-RU-BL-BR	gmrt		qglm					0		
LD-RU-BL-RB	gmrn		qgln					0		
LD-RU-BL-RF	gmrp		qglo					0		
LD-RU-BL-BD	gmrs		qgilr					0		
LD-RU-BL-DL	gmrx		qgit					0		
LD-RU-BL-DB	gmrw		qglu					0		
LD-RU-BL-DR	gmrv		qglv					0		
LD-RU-BR-UL	gmtd		qgma					0		
LD-RU-BR-UB	gmta		qgmb					0		O
LD-RU-BR-DF	gmtu		qgmd					0		O
LD-RU-BR-LU	gmte		qgme					0		A
LD-RU-BR-BU	gmtq		qgmf					0		
LD-RU-BR-FU	gmti		qgmh					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RU-BR-FL	gmtl	qgmi				0			P
	LD-RU-BR-LF	gmtf	qgmj				0			
	LD-RU-BR-LB	gmth	qgmk				0			
	LD-RU-BR-BL	gmtr	qgml	dvkr jqxk qjve	D F R' E2 R E' F2 R' E' R F D'		12			
	LD-RU-BR-RF	gmtp	qgmo				0			
	LD-RU-BR-FR	gmtj	qgmp				0			
	LD-RU-BR-BD	gmts	qgmr				0			
	LD-RU-BR-RD	gmto	qgms				0			
	LD-RU-BR-DB	gmtw	qgmu				0			
	LD-RU-BR-DR	gmtv	qgmv				0			
	LD-RU-RB-UL	gmnd	qgna				0			A
	LD-RU-RB-LF	gmnf	qgnj				0			
	LD-RU-RB-LB	gmnh	qgnk				0			P
	LD-RU-RB-BL	gmnr	qgnl				0			
	LD-RU-RB-RF	gmpn	qgno	nbku jbju kcm	M' U' R' S2 R U' R S2 R' U2 M		11			
	LD-RU-RB-FR	gmnj	qgnp				0			
	LD-RU-RB-RD	gmno	qgns				0			
	LD-RU-RF-UB	gmpa	qgob				0			
	LD-RU-RF-DF	gmpu	qgod				0			P
	LD-RU-RF-LF	gmpf	qgoj				0			
	LD-RU-RF-LB	gmph	qgok				0			
	LD-RU-RF-RB	gmpn	qgon				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RU-RF-BD	gmgs	qgor				0			
	LD-RU-RF-RD	gmgo	qgos				0			
	LD-RU-FR-UL	gmjd	qgpa	lsks ctbj tkbk	R2 S R' S U2 S' U' R S' R' U' R'		12			
	LD-RU-FR-UB	gmja	qgpb	kwas bval tlbj	R' F' U S U' F U R2 S' R2 U' R		12			
	LD-RU-FR-UR	gmjb	qgpc				0			
	LD-RU-FR-DF	gmju	qgpd				0			
	LD-RU-FR-LU	gmje	qgpe	pwjp skqv qs	E F' R E S R' E' F F' E' S		10			
	LD-RU-FR-BU	gmjq	qgpf	anwb satv mb	U M' F' U' S U S' F M U'		10			
	LD-RU-FR-FU	gmji	qgph				0			
	LD-RU-FR-FL	gmjl	qgpi	bevo wkwo vjad	U' D' F M2 F' R' F' M2 F R U D		12			
	LD-RU-FR-LF	gmjf	qgpj	aten wmvd sb	U S' D' M' F' M F D S U'		10			
	LD-RU-FR-LB	gmjh	qgpk	exhu dses gxd	D' F2 L' S2 D S D' S L F2 D		11			
	LD-RU-FR-BL	gmjr	qgpl	kpjd vnwm ekqj	R' E R D F M' F' M D' R' E' R		12			
	LD-RU-FR-BR	gmjt	qgpm	ajgw jpkv kqhb	U R L F' R E R' F R' E' L' U'		12			
	LD-RU-FR-RB	gmjn	qgpn	ksja kubs ajb	R' S R U R' S2 U' S U R U'		11			
	LD-RU-FR-RF	gmjp	qgpo				0			
	LD-RU-FR-BD	gmjs	qgpr	anwj bsat kvmb	U M' F' R U' S U S' R' F M U'		12		L	
	LD-RU-FR-RD	gmjo	qgps	exkv nwmj xd	D' F2 R' F M' F' M R F2 D		10			
	LD-RU-FR-DB	gmjw	qgpu	sdmt etgv own hs	S D M S' D' S' L F M2 F' I' S		13			
	LD-RU-FR-DR	gmjv	qgpv	jqkd vnwm ejpk	R E' R' D F M' F' M D' R E R'		12			
	LD-RU-BD-UL	gmsd	qgra				0			
	LD-RU-BD-DF	gmsu	qgrd				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RU-BD-LU	gmse	qgre				0			
	LD-RU-BD-FU	gmsi	qgrh				0			
	LD-RU-BD-FL	gmsl	qgri				0			
	LD-RU-BD-LF	gmsf	qgrj				0			
	LD-RU-BD-BR	gmst	qgrm				0			
	LD-RU-BD-RB	gmsn	qgrn				0			
	LD-RU-BD-RF	gmsp	qgro				0			
	LD-RU-BD-FR	gmsj	qgrp				0			
	LD-RU-BD-RD	gmso	qgrs				0			
	LD-RU-BD-DB	gmsw	qgru				0			
	LD-RU-BD-DR	gmsv	qgrv				0			
	LD-RU-RD-UL	gmod	qgsa	atas atal sl		U S' U S U S' U R2 S R2	10			
	LD-RU-RD-UB	gmoa	qgsb	tlbt csb sl		S' R2 U' S' U2 S U' S R2	9			
	LD-RU-RD-UR	gmob	qgsc				0			
	LD-RU-RD-DF	gmou	qgsd				0			
	LD-RU-RD-LU	gmoe	qgse	mesf seun		M D' S D2 S D' S2 M'	8			
	LD-RU-RD-BU	gmoq	qgsf	mesd mbta nt		M D' S D M U' S' U M' S'	10			
	LD-RU-RD-FL	gmol	qgsi	tblj plqg asl		S' R2 U' R E R2 E' R U S R2	11			
	LD-RU-RD-LF	gmof	qgsj	tkqw pksj vj		S' R' E' F' E R' S R F R	10			
	LD-RU-RD-BR	gmot	qgsm	sjbs csbj tlu		S R U' S U2 S U' R S' R2 S2	11			
	LD-RU-RD-RB	gmon	qgsn	wfxk xfx kw		F' D2 F2 R' F2 D2 F2 R' F'	9			
	LD-RU-RD-RF	gmop	qgso	shpv qhsg wgu		S L' E F E' L' S L F' L S2	11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RU-RD-FR	gmoj	qgsp	tjvp wjvq swl	S' R F E F' R F E' S F' R2		11			
	LD-RU-DL-FU	gmxi	qgth				0			
	LD-RU-DL-LF	gmxsf	qgtj				0			
	LD-RU-DL-RF	gmxp	qgto				0			
	LD-RU-DB-UL	gmwd	qqua				0			
	LD-RU-DB-UB	gmwa	qgub				0			
	LD-RU-DB-DF	gmwu	qgud				0			
	LD-RU-DB-LU	gmwe	qgue				0			
	LD-RU-DB-FL	gmwl	qgui				0			
	LD-RU-DB-LF	gmwf	qguj				0			A
	LD-RU-DB-LB	gmwh	qguk				0			
	LD-RU-DB-BL	gmwr	qgul	dwcg qhcp ve	D F' U2 L E' L' U2 E F D'		10			
	LD-RU-DB-BR	gmwt	qgum				0			
	LD-RU-DB-RB	gmwn	qgun				0			
	LD-RU-DB-FR	gmwj	qgup				0			
	LD-RU-DB-RD	gmwo	qgus				0			
	LD-RU-DB-DR	gmwv	qguv				0			
	LD-RU-DR-UL	gmvd	qgva	lsat blbt as	R2 S U S' U' R2 U' S' U S		10			
	LD-RU-DR-UB	gmva	qgvb	ctbi btau ib	U2 S' U' L2 U' S' U S2 L2 U'		10			
	LD-RU-DR-DF	gmvu	qgvd				0			
	LD-RU-DR-LU	gmve	qgve	sata tbsb	S U S' U S' U' S U'		8			
	LD-RU-DR-BU	gmvq	qgvf	jask sju bk	R U S R' S R S2 U' R'		9			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RU-DR-FU	gmvi	qgvh					0		
	LD-RU-DR-FL	gmvl	qgvi	qkra gqhq bjp	E' R' E2 U L E' L' E' U' R E			11		
	LD-RU-DR-LF	gmvf	qgvj	jwdw pvek	R E' D F' E F D' R'			8		
	LD-RU-DR-BL	gmvr	qgvl	pjar hpgb pkq	E R U E2 L' E L u' R' E'			11		
	LD-RU-DR-BR	gmvt	qgvm	asbj aksj ubk	U S U' R U R' S R S2 U' R'			11		
	LD-RU-DR-RB	gmvn	qgvn	aktj buks ju	U R' S' R U' S2 R' S R S2			10		
	LD-RU-DR-RF	gmvp	qgvo	ajtk bujs ku	U R S' R' U' S2 R S R' S2			10		
	LD-RU-DR-FR	gmvj	qgvp	qjqd wpve kp	E' R E' D F' E F D' R' E			10		
	LD-RU-DR-BD	gmvs	qgvr	jdhq wpgv ek	R D L' E' F' E F L D' R'			10		
	LD-RU-DR-DB	gmvw	qgvu	djrh wgvp wpk	D R E2 L' F' L F E F' E R'			11		
	LD-FU-UL-UB	gida	qhab					0		
	LD-FU-UL-BU	gidq	qhaf					0		
	LD-FU-UL-RU	gidm	qhag					0		F
	LD-FU-UL-FL	gidl	qhai					0		
	LD-FU-UL-LF	gidf	qhaj					0		
	LD-FU-UL-LB	gidh	qhak					0		
	LD-FU-UL-BL	gidr	qhal					0		A
	LD-FU-UL-BR	gidt	qham					0		
	LD-FU-UL-RB	gidn	qhan					0		
	LD-FU-UL-RF	gidp	qhao					0		
	LD-FU-UL-FR	gidj	qhap					0		
	LD-FU-UL-BD	gids	qhar					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		L
LD-FU-UL-RD	gido	qhas					0			
LD-FU-UL-DR	gidv	qhav					0			
LD-FU-UB-UL	giad	qhba					0			
LD-FU-UB-UR	giab	qhbc					0			
LD-FU-UB-LU	giae	qhbe					0			
LD-FU-UB-RU	giam	qhbg					0			
LD-FU-UB-FL	gial	qhbi					0			
LD-FU-UB-LF	giaf	qhbj					0			A
LD-FU-UB-LB	giah	qhbk					0			
LD-FU-UB-BL	giar	qhbl					0			
LD-FU-UB-BR	giat	qhbm					0			
LD-FU-UB-RF	giap	qhbo					0			
LD-FU-UB-FR	giaj	qhbp					0			
LD-FU-UB-DL	giax	qhbt					0			O
LD-FU-UB-DR	giav	qhbv					0			
LD-FU-UR-UL	gibd	qhca					0			
LD-FU-UR-UB	giba	qhcb					0			
LD-FU-UR-LU	gibe	qhce					0			
LD-FU-UR-FL	gibl	qhci					0			
LD-FU-UR-LF	gibf	qhcj					0			
LD-FU-UR-LB	gibh	qhck					0			A
LD-FU-UR-BL	gibr	qhcl					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-FU-UR-BR	gibt		qhcm				0			
LD-FU-UR-RB	gibn		qhcn				0		L	
LD-FU-UR-FR	gibj		qhcp				0			
LD-FU-UR-RD	gibo		qhcs				0			
LD-FU-DF-LB	giuh		qhdk				0			
LD-FU-LU-BU	gieq		qhef				0			
LD-FU-LU-FL	giel		qhei				0			
LD-FU-LU-BL	gier		qhel				0			
LD-FU-LU-FR	giej		qhep				0			
LD-FU-LU-RD	gioo		qhes				0			
LD-FU-LU-DB	giew		qheu				0			
LD-FU-LU-DR	giev		qhev				0			
LD-FU-BU-UR	giqb		qhfc				0			
LD-FU-BU-RU	giqm		qhfg				0			
LD-FU-BU-LB	giqh		qhfk				0			
LD-FU-BU-BR	giqt		qhfm				0			
LD-FU-BU-RB	giqn		qhfn				0			
LD-FU-BU-DR	giqv		qhfv				0		A	
LD-FU-RU-UL	gimd		qhga				0			
LD-FU-RU-UB	gima		qhgb				0			
LD-FU-RU-LU	gime		qhge				0			
LD-FU-RU-FL	giml		qhgi				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-FU-RU-LF	gimf		qhgj				0			
LD-FU-RU-BD	gims		qhgr				0		0	
LD-FU-RU-RD	gimo		qhgs				0			
LD-FU-RU-DL	gimx		qhgt				0			
LD-FU-RU-DB	gimw		qhgu				0			
LD-FU-FL-UL	gild		qhia				0			
LD-FU-FL-UB	gila		qhib				0			
LD-FU-FL-UR	gilb		qhic				0		0	
LD-FU-FL-DF	gilu		qhid				0			
LD-FU-FL-LU	gile		qhie				0			
LD-FU-FL-BU	gilq		qhif				0			
LD-FU-FL-RU	gilm		qhig				0			
LD-FU-FL-LB	gilh		qhik				0			
LD-FU-FL-BR	gilt		qhim				0			
LD-FU-FL-RB	giln		qhin				0			
LD-FU-FL-RF	gilp		qhio				0		C	
LD-FU-FL-FR	gilj		qhip				0			
LD-FU-FL-RD	gilo		qhis				0			
LD-FU-FL-DB	gilw		qhiu				0			
LD-FU-FL-DR	gilv		qhiv				0		0	
LD-FU-LF-UL	gifd		qhja				0			A
LD-FU-LF-LU	gife		qhje				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-FU-LF-BU	gifq		qhjf					0		
LD-FU-LF-RU	gifm		qhjg					0		
LD-FU-LF-LB	gifh		qhjk					0		
LD-FU-LF-BL	gifr		qhjl					0		
LD-FU-LF-BR	gift		qhjm					0		
LD-FU-LF-RB	gifn		qhjn					0		
LD-FU-LB-UR	gihb		qhkc					0		
LD-FU-LB-LU	gihe		qhke					0		
LD-FU-LB-FL	gihl		qhki					0		A
LD-FU-LB-FR	gihj		qhkp					0		
LD-FU-BL-UL	gird		qhla					0		
LD-FU-BL-UB	gira		qhlb					0		
LD-FU-BL-UR	girb		qhlc					0		
LD-FU-BL-LU	gire		qhle					0		A
LD-FU-BL-BU	girq		qhlf					0		P
LD-FU-BL-RU	girm		qhlg					0		O
LD-FU-BL-FL	girl		qhli					0		
LD-FU-BL-LF	girf		qhlij					0		
LD-FU-BL-BR	girt		qhlm					0		
LD-FU-BL-RB	girn		qhln					0		
LD-FU-BL-RF	girp		qhlo					0		A
LD-FU-BL-FR	girj		qhlp					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-FU-BR-UL	gitd		qhma					0		
LD-FU-BR-LU	gite		qhme					0		
LD-FU-BR-BU	gitq		qhmf					0		
LD-FU-BR-FL	gitl		qhmi					0		
LD-FU-BR-LF	gitf		qhmj					0		
LD-FU-BR-LB	gith		qhmk					0		
LD-FU-BR-RD	gito		qhms					0		
LD-FU-BR-DR	gitv		qhmv					0		
LD-FU-RB-UL	gind		qhna					0		
LD-FU-RB-UB	gina		qhnb					0		
LD-FU-RB-UR	ginb		qhnc					0		
LD-FU-RB-LU	gine		qhne					0		
LD-FU-RB-RU	ginm		qhng					0		
LD-FU-RB-FL	ginl		qhni					0		
LD-FU-RB-LF	ginf		qhnj					0		
LD-FU-RB-RF	ginp		qhno					0	L	
LD-FU-RB-FR	ginj		qhnp					0	O	
LD-FU-RB-RD	gino		qhns					0		
LD-FU-RF-UL	gipd		qhoa					0		
LD-FU-RF-RU	gipm		qhog					0		
LD-FU-RF-LB	giph		qhok					0		
LD-FU-RF-BL	gipr		qhol					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		P
LD-FU-RF-BR	gipt		qhom				0			
LD-FU-RF-RB	gipn		qhon				0			
LD-FU-RF-BD	gips		qhor				0			
LD-FU-RF-RD	gipo		qhos				0			
LD-FU-RF-DB	gipw		qhou				0			
LD-FU-RF-DR	gipv		qhov				0			
LD-FU-FR-UL	gijd		qhpa				0			
LD-FU-FR-UB	gija		qhpb				0			
LD-FU-FR-UR	gijb		qhpc				0		A	
LD-FU-FR-LU	gije		qhpe				0			
LD-FU-FR-BU	gijq		qhpf				0			
LD-FU-FR-FL	gijl		qhpi				0			
LD-FU-FR-LF	gijf		qhpj				0			
LD-FU-FR-BL	gijr		qhpl				0		P	
LD-FU-FR-RD	gijo		qhps				0			
LD-FU-BD-UL	gisd		qhra				0			
LD-FU-BD-UB	gis�		qhrb				0			
LD-FU-BD-UR	gisb		qhrc				0		A	
LD-FU-BD-LU	gise		qhre				0			
LD-FU-BD-BU	gisq		qhrf				0			
LD-FU-BD-RU	gism		qhrg				0			
LD-FU-BD-FL	gisl		qhri				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-FU-BD-LF	gisf		qhrj					0		
LD-FU-BD-LB	gish		qhrk					0		
LD-FU-BD-BR	gist		qhrm					0		
LD-FU-BD-RB	gisn		qhrn					0		
LD-FU-BD-RF	gisp		qhro					0		
LD-FU-BD-FR	gisj		qhrp					0		
LD-FU-BD-RD	giso		qhrs					0		
LD-FU-BD-DR	gisv		qhrv					0		
LD-FU-RD-UL	giod		qhsa					0		
LD-FU-RD-UR	giob		qhsc					0		
LD-FU-RD-BU	gioq		qhsf					0		
LD-FU-RD-BR	giot		qhsm					0		
LD-FU-RD-DB	giow		qhsu					0		
LD-FU-DL-UR	gixb		qhtc					0		
LD-FU-DL-LF	gixf		qhtj					0		
LD-FU-DL-LB	gixh		qhtk					0		A
LD-FU-DL-FR	gixj		qhtp					0		
LD-FU-DB-BU	giwq		qhuf					0		
LD-FU-DB-FL	giwl		qhui					0		
LD-FU-DB-LB	giwh		qhuk					0		
LD-FU-DB-BL	giwr		qhul					0		
LD-FU-DB-RF	giwp		qhuo					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-FU-DR-UL	givd	qhva				0			
	LD-FU-DR-UB	giva	qhvb				0			A
	LD-FU-DR-LU	give	qhve				0			
	LD-FU-DR-BU	givq	qhvf				0			
	LD-FU-DR-FL	givl	qhvi				0			
	LD-FU-DR-LF	givf	qhvj				0			O
	LD-FU-DR-LB	givh	qhvk				0			
	LD-FU-DR-BL	givr	qhvl				0			
	LD-FU-DR-BR	givt	qhvm				0			
	LD-FU-DR-RB	givn	qhvn				0			
	LD-FU-DR-FR	givj	qhvp				0			
	LD-FU-DR-DB	givw	qhvu				0			
	LD-FL-UL-UB	glida	qiab				0			
	LD-FL-UL-BU	gldq	qiaf				0			
	LD-FL-UL-RU	gldm	qiag				0			O
	LD-FL-UL-FU	gldi	qiah				0			
	LD-FL-UL-LB	gldh	qiak	rjdn bnao ekr	E2 R D M' U' M' U M2 D' R' E2		11			
	LD-FL-UL-BR	gldt	qiam				0			
	LD-FL-UL-RB	gldn	qian				0			
	LD-FL-UL-RF	gldp	qiao				0			
	LD-FL-UL-FR	gldj	qiap				0			
	LD-FL-UL-BD	glds	qiар				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-FL-UL-RD	gldo	qias				0			
	LD-FL-UL-DR	gldv	qiav				0			
	LD-FL-UB-UL	glad	qiba	kbta jtas bs	R' U' S' U R S' U S U' S		10			
	LD-FL-UB-DF	glau	qibd				0			
	LD-FL-UB-LU	glae	qibe				0			
	LD-FL-UB-RU	glam	qibg				0			
	LD-FL-UB-BR	glat	qibm				0		0	
	LD-FL-UB-RB	glan	qibn				0			
	LD-FL-UB-RF	glap	qibo				0			
	LD-FL-UB-FR	glaj	qibp				0		A	
	LD-FL-UB-BD	glas	qibr				0			
	LD-FL-UB-RD	glao	qibs				0			
	LD-FL-UB-DR	glav	qibv				0		F	
	LD-FL-UR-UL	glbd	qica	jsrk cjrk bjt kb	R S E2 R' U2 R E2 R' U' R S' R' U'		13			
	LD-FL-UR-DF	glbu	qicd				0		0	
	LD-FL-UR-BU	glbq	qicf				0			
	LD-FL-UR-FU	glbi	qich				0		0	
	LD-FL-UR-LB	glbh	qick				0			
	LD-FL-UR-BR	glbt	qicm				0			
	LD-FL-UR-RF	glbp	qico				0			
	LD-FL-UR-FR	glbj	qicp				0			
	LD-FL-UR-DR	glbv	qicv				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	LD-FL-DF-UL	glud	qida				0			F
	LD-FL-DF-UB	glua	qidb				0			
	LD-FL-DF-LU	glue	qide				0			
	LD-FL-DF-BU	gluq	qidf				0			
	LD-FL-DF-BL	glur	qidl				0			
	LD-FL-DF-RB	glun	qidn				0			
	LD-FL-DF-RF	glup	qido				0			
	LD-FL-DF-FR	gluj	qidp				0			
	LD-FL-DF-RD	gluo	qid s				0			L
	LD-FL-DF-DB	gluw	qid u				0			
	LD-FL-LU-UB	glea	qieb				0			
	LD-FL-LU-UR	gleb	qiec				0			
	LD-FL-LU-BU	gleq	qief				0			
	LD-FL-LU-RU	glem	qieg				0			
	LD-FL-LU-FU	glei	qieh				0			
	LD-FL-LU-LB	gleh	qiek				0			
	LD-FL-LU-BL	gler	qiel				0			
	LD-FL-LU-BR	glet	qiem				0			
	LD-FL-LU-RB	glen	qien				0			
	LD-FL-LU-RF	glep	qieo				0			
	LD-FL-LU-FR	glej	qiep				0			
	LD-FL-LU-RD	gleo	qies				0			O

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-FL-LU-DR	glev	qiev				0			
	LD-FL-BU-UR	glqb	qifc				0		0	
	LD-FL-BU-DF	glqu	qifd				0			
	LD-FL-BU-LU	glqe	qife				0			
	LD-FL-BU-RU	glqm	qifg				0		0	
	LD-FL-BU-FU	glqi	qifh				0			
	LD-FL-BU-RB	glqn	qifn				0			
	LD-FL-BU-RF	glqp	qifo				0			
	LD-FL-BU-BD	glqs	qifr				0			
	LD-FL-BU-RD	glqo	qifs				0			
	LD-FL-BU-DL	glqx	qift				0			
	LD-FL-BU-DB	glqw	qifu				0		L	
	LD-FL-RU-UB	glima	qigb				0			
	LD-FL-RU-DF	glimu	qigd				0			
	LD-FL-RU-BU	glimq	qigf				0		P	
	LD-FL-RU-FU	glimi	qigh				0			
	LD-FL-RU-BL	glimr	qigl				0			
	LD-FL-RU-RB	glimn	qign				0			
	LD-FL-RU-FR	glimj	qigp				0			
	LD-FL-RU-BD	glims	qigr				0			
	LD-FL-RU-RD	glimo	qigs				0			
	LD-FL-FU-UL	glid	qiha				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-FL-FU-UR	glib		qihc					0		
LD-FL-FU-LU	glie		qihe					0		
LD-FL-FU-RU	glim		qihg					0		
LD-FL-FU-LB	glih		qihk					0		
LD-FL-FU-BL	glir		qihi					0		
LD-FL-FU-BR	glit		qihm					0		
LD-FL-FU-RF	glip		qiho					0		
LD-FL-FU-FR	glij		qihp					0		
LD-FL-FU-RD	glio		qihs					0		
LD-FL-FU-DB	gliw		qihu					0		
LD-FL-FU-DR	gliv		qihv					0		A
LD-FL-LB-UL	glhd		qika					0		O
LD-FL-LB-UB	glha		qikb					0		A
LD-FL-LB-UR	glhb		qikc					0		
LD-FL-LB-DF	glhu		qikd					0		
LD-FL-LB-BU	glhq		qikf					0		
LD-FL-LB-RU	glhm		qikg					0		O
LD-FL-LB-BR	glht		qikm					0		O
LD-FL-LB-RB	glhn		qikn					0		O
LD-FL-LB-RF	glhp		qiko					0		
LD-FL-LB-FR	glhj		qikp					0		
LD-FL-LB-BD	glhs		qikr					0		A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-FL-LB-RD	glho	qiks				0			
	LD-FL-LB-DL	glhx	qikt				0		0	
	LD-FL-LB-DR	glhv	qikv	hqwg shvt pg	L' E' F' L S L' F S' E L		10			
	LD-FL-BL-UL	glrd	qila				0		0	
	LD-FL-BL-UB	glra	qilb				0			
	LD-FL-BL-UR	glrb	qilc				0			
	LD-FL-BL-LU	glre	qile				0		0	
	LD-FL-BL-BU	glrq	qilf				0			
	LD-FL-BL-RU	glrm	qilg				0			
	LD-FL-BL-FU	glri	qilh				0			
	LD-FL-BL-BR	glrt	qilm				0			
	LD-FL-BL-RB	glrn	qiln				0			
	LD-FL-BL-RF	glrp	qilo				0			
	LD-FL-BL-FR	glrj	qilp	pvkt lskv qx	E F R' S' R2 S R' F E' F2		10			
	LD-FL-BL-RD	glro	qils				0		0	
	LD-FL-BL-DR	glrv	qilv				0			
	LD-FL-BR-UL	gltd	qima				0			
	LD-FL-BR-UB	glta	qimb	wnbj seta wmdv	F' M' U' R S D' S' U F' M D F		12			
	LD-FL-BR-UR	gltb	qimc				0		0	
	LD-FL-BR-LU	glte	qime				0		L	
	LD-FL-BR-BU	gltq	qimf				0			
	LD-FL-BR-RU	gltm	qimg	jfje nwmv dkfk	R D2 R D' M' F' M F D R' D2 R'		12			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-FL-BR-LB	glth	qimk				0			
	LD-FL-BR-BL	gltr	qiml				0			
	LD-FL-BR-RF	gltp	qimo				0			
	LD-FL-BR-FR	gltj	qimp				0			
	LD-FL-BR-RD	glto	qims				0		L	
	LD-FL-BR-DB	gltw	qimu				0			
	LD-FL-BR-DR	gltv	qimv				0		A	
	LD-FL-RB-UL	glnd	qina				0			
	LD-FL-RB-UR	glnb	qinc	alvg wpvq hwlb	U R2 F L F' E F E' L' F' R2 U'		12		O	
	LD-FL-RB-DF	glnu	qind				0			
	LD-FL-RB-LU	glne	qine				0			
	LD-FL-RB-RU	glnm	qing				0		O	
	LD-FL-RB-LB	glnh	qink				0		A	
	LD-FL-RB-BL	glnr	qinl				0			
	LD-FL-RB-RF	glnp	qino				0			
	LD-FL-RB-FR	glnj	qinp				0			
	LD-FL-RB-RD	glno	qins				0			
	LD-FL-RB-DB	glnw	quinu				0			
	LD-FL-RF-UL	glpd	qioa				0			
	LD-FL-RF-UB	glpa	qiob				0			
	LD-FL-RF-UR	glpb	qioc				0			
	LD-FL-RF-DF	glpu	qiod				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-FL-RF-LU	glpe	aaaa	qioe					0		
LD-FL-RF-BU	glpq	aaaa	qiof					0		
LD-FL-RF-FU	glpi	aaaa	qioh					0		
LD-FL-RF-LB	glph	aaaa	qiok					0		
LD-FL-RF-BL	glpr	aaaa	qiol					0		
LD-FL-RF-BR	glpt	aaaa	qiom					0		
LD-FL-RF-RB	glpn	aaaa	qion					0		
LD-FL-FR-UB	glja	aaaa	qipb					0		
LD-FL-FR-UR	gljb	aaaa	qipc					0		
LD-FL-FR-DF	glju	aaaa	qipd					0		
LD-FL-FR-BU	gljq	aaaa	qipf					0		
LD-FL-FR-RU	gljm	aaaa	qipg					0		
LD-FL-FR-FU	glji	aaaa	qiph					0		
LD-FL-FR-BR	gljt	aaaa	qipm					0	0	
LD-FL-FR-RB	gljn	aaaa	qipn					0	0	
LD-FL-FR-RD	gljo	aaaa	qips					0		
LD-FL-FR-DR	gljv	aaaa	qipv					0		
LD-FL-BD-UB	glsa	aaaa	qirb					0		
LD-FL-BD-UR	glsb	aaaa	qirc					0		
LD-FL-BD-DF	glsu	aaaa	qird					0		A
LD-FL-BD-BU	glsq	aaaa	qirf					0		
LD-FL-BD-FU	glsi	aaaa	qirh					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-FL-BD-BL	glsr	qirl				0			
	LD-FL-BD-RB	glsn	qirn				0			
	LD-FL-BD-RF	glsp	qiro				0		0	
	LD-FL-BD-FR	glsj	qirp				0			
	LD-FL-BD-RD	glsø	qirs				0			
	LD-FL-BD-DR	glsv	qirv				0			
	LD-FL-RD-UL	glod	qisa				0			
	LD-FL-RD-UB	gloa	qisb				0			
	LD-FL-RD-UR	glob	qisc				0			
	LD-FL-RD-DF	glou	qisd				0			
	LD-FL-RD-LU	gloe	qise				0			
	LD-FL-RD-RU	glom	qisg				0			
	LD-FL-RD-FU	gloi	qish				0		0	
	LD-FL-RD-LB	gloh	qisk				0			
	LD-FL-RD-BL	glor	qisl				0		A	
	LD-FL-RD-BR	glot	qism				0			
	LD-FL-RD-RB	glon	qisn				0			
	LD-FL-RD-FR	gloj	qisp				0			
	LD-FL-DL-UL	glxd	qita				0		O	
	LD-FL-DL-LU	glxe	qite				0			
	LD-FL-DL-BR	glxt	qitm				0			
	LD-FL-DB-UL	glwd	qiua	rkbm bsbt bnjr	E2 R' U' M U' S U' S' U' r E2		12		0	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-FL-DB-UB	glwa	qiub	cmcv bsct bwn	U2 M U2 F U' S U2 S' U' F' M'		11			
	LD-FL-DB-UR	glwb	qiuc	isga mckq gvnj	L2 S L U M U2 R' E' L F r		12			
	LD-FL-DB-DF	glwu	qiud	mdgt hdnj qkf	M D L S' L' D r E' R' D2		11			
	LD-FL-DB-LU	glwe	qiue	pjsa tmbn kq	E R S U S' M U' M' R' E'		10			
	LD-FL-DB-BU	glwq	qiuf	psmj bnak tq	E S M R U' M' U R' S' E'		10			
	LD-FL-DB-RU	glwm	qiug	axkt esdj xb	U F2 R' S' D' S D R F2 U'		10			
	LD-FL-DB-FU	glwi	qiuh				0			
	LD-FL-DB-LB	glwh	qiuk	ugbs btbm bnhu	S2 L U' S U' S' U' M U' I' S2		12			
	LD-FL-DB-BL	glwr	qiul	tohe mtgs mgs	S' M2 L' D' M S' D S I S		11			
	LD-FL-DB-BR	glwt	qium	blwe menf vla	U' R2 F' D' M D' M' D2 F R2 U		11			
	LD-FL-DB-RB	glwn	qiun	gqhq vpnw jsmk	L E' L' E' F E M' F' R S r'		12			
	LD-FL-DB-RF	glwp	qiuo	jblw dnem vlak	R U' R2 F' D M' D' M F R2 U R'		12			
	LD-FL-DB-FR	glwj	qiup	pmje nsdt kq	E M R D' M' S D S' R' E'		10			
	LD-FL-DB-RD	glwo	qiус	tkqv pnwm js	S' R' E' F E M' F' M R S		10			
	LD-FL-DB-DL	glwx	qiut				0			
	LD-FL-DB-DR	glwv	qiuv	jpmj ensd tkqk	R E M R D' M' S D S' R' E' R'		12			
	LD-FL-DR-UL	glvd	qiva	hbkq jwjp kvag	L' U' R' E' R F' R E R' F U L		12			
	LD-FL-DR-UB	glva	qivb				0			
	LD-FL-DR-UR	glvb	qivc	kpvk tsk wlqk	R' E F R' S' R2 S R' F' R2 E' R'		12			L
	LD-FL-DR-DF	glvu	qivd				0			
	LD-FL-DR-LU	glve	qive	lwas nbmv atbl	R2 F' U S M' U' M F U S' U' R2		12			
	LD-FL-DR-BU	glvq	qivf				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-FL-DR-RU	glvm	qivg	qvqk jpgw pvhw	E' F R' E' R E L F' E F L' F'		12			
	LD-FL-DR-LB	glvh	qivk	thbf htgf aug	S' L' U' D2 L' S' L D2 U S2 L		11			
	LD-FL-DR-BL	glvr	qivl	afgt hfgu htb	U D2 L S' L' D2 L S2 L' S' U'		11			
	LD-FL-DR-BR	glvt	qivm	qbjt jsjq jra	E' U' R S' R S R E' R E2 U		11			
	LD-FL-DR-RB	glvn	qivn	bkqq qths rja	U' R' E' L E' S' L' S E2 R U		11		L	
	LD-FL-DR-RF	glvp	qivo	aifj rkfh pgl bp	U R2 D2 R E2 R' D2 L' E L R2 u'		13			
	LD-FL-DR-FR	glvj	qivp	qagf gsht fhbp	u L D2 L S L' S' D2 L' u'		12			
	LD-FL-DR-BD	glvs	qivr	lbvi bman iwal	R2 U' F L2 U' M U M' L2 F' U R2		12		P	
	LD-FL-DR-DB	glvw	qivu	avht gwtk rjbo	U F L' S' L f' R' E2 R U' M2		12			
	LD-LF-UL-UB	gfda	qjab	tgas bhal tlbs	S' L U S U' L' U R2 S' R2 U' S		12			
	LD-LF-UL-UR	gfdb	qjac	ewan bwbm axd	D' F' U M' U' F' U' M U F2 D		11			
	LD-LF-UL-BU	gfdq	qjaf	bnva satc wma	U' M' F U S U S' U2 F' M U		11			
	LD-LF-UL-RU	gfdm	qjag	agbh tgsa hb	U L U' L' S' L S U L' U'		10			
	LD-LF-UL-FU	gfdi	qjah				0			
	LD-LF-UL-LB	gfdh	qjak	rkbj tbsa iajr	E2 R' U' L2 S' U' S U L2 U R E2		12			
	LD-LF-UL-BL	gfdr	qjal	wgth vrku jsr	F' L S' L' F E2 R' S2 R S E2		11			
	LD-LF-UL-BR	gfdt	qjam	vjrt rkvj tkx	F R E2 S' E2 R' F R S' R' F2		11			
	LD-LF-UL-RB	gfdn	qjan	aktg jbks jahb	U R' S' L R U' R' S R U L' U'		12			
	LD-LF-UL-RF	gfdp	qjao	jagb htgs ahbk	R U L U' L' S' L S U L' U' R'		12			
	LD-LF-UL-FR	gfdj	qjap	pkdn bnao ejq	E R' D M' U' M' U M2 D' R E'		11			
	LD-LF-UL-BD	gfds	qjar				0			
	LD-LF-UL-RD	gfdo	qjas	agbg sgti ahb	U L U' L S L S' L2 U L' U'		11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LF-UL-DR	gfdv	qjav	gash tgsh tgbh	L U S L' S' L S L' S' L U' L'		12			
	LD-LF-UB-UL	gfad	qjba	clbt agas bhlc	U2 R2 U' S' U L U S U' L' R2 U2		12			
	LD-LF-UB-UR	gfab	qjbc	latb gbsa lh	R2 U S' U' L U' S U R2 L'		10			
	LD-LF-UB-DF	gfau	qjbd	atgs anbh bm	U S' L S U M' U' L' U' M		10			
	LD-LF-UB-LU	gfae	qjbe	rjcs bubs kr	E2 R U2 S U' S2 U' S R' E2		10			
	LD-LF-UB-RU	gfam	qjbg	fgct auat hf	D2 L U2 S' U S2 U S' L' D2		10			A
	LD-LF-UB-FU	gfai	qjbh				0			
	LD-LF-UB-LB	gfah	qjbk	agch tgsc hb	U L U2 L' S' L S U2 L' U'		10			
	LD-LF-UB-BL	gfar	qjbl	ashf guhf sgb	U S L' D2 L S2 L' D2 S L U'		11		0	
	LD-LF-UB-BR	gfat	qjbm	jatb gbsa kh	R U S' U' L U' S U R' L'		10			
	LD-LF-UB-RB	gfan	qjbn	task ptjb sq	S' U S R' E S' R U' S E'		10			
	LD-LF-UB-RF	gfap	qjbo	ajtk bgbj skah	U R S' R' U' L U' R S R' U L'		12			
	LD-LF-UB-FR	gfaj	qjbp	katb gbsa hj	R' U S' U' L U' S U L' R		10			
	LD-LF-UB-BD	gfas	qjbr	ntgd ndmf hsm	M' S' L D M' D M D2 L' S M		11			
	LD-LF-UB-RD	gfao	qjbs	cvka sbjw ata	U2 F R' U S U' R F' U S' U		11			
	LD-LF-UB-DB	gfaw	qjbu	mdkr jdhu mgf	M D R' E2 R D L' S2 I D2		11			
	LD-LF-UB-DR	gfav	qjbv	atbg bsah	U S' U' L U' S U L'		8			
	LD-LF-UR-UL	gfbd	qjca	ewbn awam bxd	D' F' U' M' U' F' U M U' F2 D		11			
	LD-LF-UR-UB	gfba	qjcb				0			
	LD-LF-UR-DF	gfbu	qjcd				0			
	LD-LF-UR-LU	gfbe	qjce				0			
	LD-LF-UR-BU	gfbq	qjcf				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LF-UR-LB	gfbh	qjck				0			
	LD-LF-UR-BL	gfbr	qjcl				0			
	LD-LF-UR-BR	gfbt	qjcm				0			
	LD-LF-UR-RB	gfbn	qjcn				0			
	LD-LF-UR-RF	gfbp	qjco				0			
	LD-LF-UR-BD	gfbs	qjcr				0			
	LD-LF-UR-RD	gfbo	qjcs				0			
	LD-LF-UR-DB	gfbw	qjcu				0			
	LD-LF-UR-DR	gfbv	qjcv				0			
	LD-LF-DF-UL	gfud	qjda				0			
	LD-LF-DF-UB	gfua	qjdb				0			
	LD-LF-DF-UR	gfub	qjdc				0			
	LD-LF-DF-LU	gfue	qjde	exke tdsj xd	D' F2 R' D' S' D S R F2 D		10			
	LD-LF-DF-BU	gfuq	qjdf				0			
	LD-LF-DF-RU	gfum	qjdg				0		0	
	LD-LF-DF-LB	gfuh	qjdk				0			
	LD-LF-DF-BL	gfur	qjdl				0			
	LD-LF-DF-BR	gfut	qjdm				0			
	LD-LF-DF-RB	gfun	qjdn				0			A
	LD-LF-DF-RF	gfup	qjdo				0			
	LD-LF-DF-FR	gfuj	qjdp				0			
	LD-LF-DF-RD	gfuo	qjds				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-LF-DF-DL	gfux		qjdt					0		
LD-LF-DF-DB	gfuw		qjdu					0		
LD-LF-DF-DR	gfuv		qjdv					0		
LD-LF-LU-UB	gfea		qjeb					0	0	
LD-LF-LU-UR	gfeb		qjec					0		
LD-LF-LU-DF	gfeu		qjed					0		A
LD-LF-LU-BU	gfeq		qjef					0		
LD-LF-LU-RU	gfem		qjeg					0		
LD-LF-LU-FU	gfei		qjeh					0		
LD-LF-LU-LB	gfeh		qjek					0		
LD-LF-LU-BL	gfer		qjel					0		
LD-LF-LU-BR	gfet		qjem					0	0	
LD-LF-LU-RB	gfen		qjen					0		
LD-LF-LU-RF	gfep		qjeo					0		
LD-LF-LU-FR	gfej		qjep					0		
LD-LF-LU-BD	gfes		qjer					0		P
LD-LF-LU-RD	gfeo		qjes					0		O
LD-LF-LU-DB	gfew		qjeu					0		
LD-LF-LU-DR	gfev		qjev					0		
LD-LF-BU-UL	gfqd		qjfa					0		
LD-LF-BU-UR	gfqb		qjfc					0		
LD-LF-BU-DF	gfqu		qjfd					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-LF-BU-LU	gfqe		qjfe					0		
LD-LF-BU-RU	gfqm		qjfg					0		
LD-LF-BU-LB	gfqh		qjfk					0		
LD-LF-BU-BL	gfqr		qjfl					0		
LD-LF-BU-BR	gfqt		qjfm					0		
LD-LF-BU-RB	gfqn		qjfn					0		
LD-LF-BU-FR	gfqj		qjfp					0		
LD-LF-BU-BD	gfqs		qjfr					0		
LD-LF-BU-RD	gfqo		qjfs					0		
LD-LF-BU-DB	gfqw		qjfu					0		
LD-LF-BU-DR	gfqv		qjfv					0		
LD-LF-RU-UL	gfmd		qjga					0		
LD-LF-RU-DF	gfmu		qjgd					0		0
LD-LF-RU-LU	gfme		qjge					0		
LD-LF-RU-BU	gfmq		qjgf					0		
LD-LF-RU-FU	gfmi		qjgh					0		
LD-LF-RU-LB	gfmh		qjgk					0		
LD-LF-RU-BL	gfmr		qjgl					0		p
LD-LF-RU-BR	gfmt		qjgm					0		
LD-LF-RU-FR	gfmj		qjgp					0		
LD-LF-RU-BD	gfms		qjgr					0		
LD-LF-RU-RD	gfmo		qjgs					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-LF-RU-DB	gfmw	qjgu						0		
LD-LF-FU-UL	gfid	qjha						0		
LD-LF-FU-UR	gfib	qjhc						0		
LD-LF-FU-LU	gfie	qjhe						0		
LD-LF-FU-LB	gfih	qjhk						0		
LD-LF-FU-RB	gfin	qjhn						0		
LD-LF-FU-RF	gfip	qjho						0		
LD-LF-FU-FR	gfij	qjhp						0		
LD-LF-FU-RD	gfio	qjhs						0		
LD-LF-FU-DL	gfix	qjht						0		
LD-LF-FU-DB	gfiw	qjhu						0		
LD-LF-FU-DR	gfiv	qjhv						0		
LD-LF-LB-UL	gfhd	qjka						0		
LD-LF-LB-UB	gfha	qjkb						0		
LD-LF-LB-DF	gfhu	qjkd						0		
LD-LF-LB-LU	gfhe	qjke						0		
LD-LF-LB-RU	gfhm	qjkg						0		
LD-LF-LB-BR	gfht	qjkm						0		
LD-LF-LB-RB	gfhn	qjkn						0		
LD-LF-LB-RF	gfhp	qjko						0		
LD-LF-LB-FR	gfhj	qjkp						0		
LD-LF-LB-RD	gfho	qjks						0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LF-LB-DR	gfhv	qjkv	atgc sama hbn	U S' L U2 S U M U L' U' M'		11		O	
	LD-LF-BL-UL	gfrd	qjla				0			
	LD-LF-BL-UB	gfra	qjlb				0			
	LD-LF-BL-UR	gfrb	qjlc				0			
	LD-LF-BL-DF	gfru	qjld				0			
	LD-LF-BL-LU	gfre	qjle				0			
	LD-LF-BL-BU	gfrq	qjlf				0			
	LD-LF-BL-RU	gfrm	qjlg				0			
	LD-LF-BL-BR	gfrt	qjlm				0		O	
	LD-LF-BL-RB	gfrn	qjin				0			
	LD-LF-BL-RF	gfrp	qjlo				0			
	LD-LF-BL-FR	gfrj	qjlp				0		A	
	LD-LF-BL-BD	gfrs	qjlr				0			
	LD-LF-BL-DB	gfrw	qjlu				0			
	LD-LF-BL-DR	gfrv	qjlv				0			
	LD-LF-BR-UL	gftd	qjm'a				0			
	LD-LF-BR-UB	gfta	qjm'b				0			
	LD-LF-BR-UR	gftb	qjm'c				0			
	LD-LF-BR-DF	gftu	qjm'd				0			
	LD-LF-BR-LU	gfte	qjm'e				0			
	LD-LF-BR-BU	gftq	qjm'f				0			
	LD-LF-BR-RU	gftm	qjm'g				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LF-BR-FU	gfti	qjmh				0			
	LD-LF-BR-LB	gfth	qjmk				0			
	LD-LF-BR-BL	gftr	qjml				0			
	LD-LF-BR-RF	gftp	qjmo				0			
	LD-LF-BR-FR	gftj	qjmp	akta gasb bbjb	U R' S' U L U S' U' L' U' R U'		12			
	LD-LF-BR-BD	gfts	qjmr				0			
	LD-LF-BR-RD	gfto	qjms				0			
	LD-LF-BR-DB	gftw	qjmu				0			
	LD-LF-BR-DR	gftv	qjmv				0			
	LD-LF-BR-FD	gftk	qjmx				0		0	
	LD-LF-RB-UL	gfnd	qjna				0			
	LD-LF-RB-UR	gfnb	qjnc				0			
	LD-LF-RB-LU	gfne	qjne				0			
	LD-LF-RB-BU	gfnp	qjnf				0			
	LD-LF-RB-RU	gfnm	qjng				0			
	LD-LF-RB-LB	gfnh	qjnk				0			
	LD-LF-RB-BL	gfnr	qjnl				0			
	LD-LF-RB-RF	gfnp	qjno				0			
	LD-LF-RB-BD	gfnz	qjnr				0			
	LD-LF-RB-RD	gfnz	qjns				0			
	LD-LF-RB-DL	gfnx	qjnt				0			
	LD-LF-RB-DR	gfnv	qjnv				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LF-RF-UL	gfpd	qjoa				0			
	LD-LF-RF-UB	gfpa	qjob				0			A
	LD-LF-RF-UR	gfpb	qjoc				0			
	LD-LF-RF-BU	gfpq	qjof				0			
	LD-LF-RF-RU	gfpm	qjog				0			
	LD-LF-RF-FU	gfpi	qjoh				0			A
	LD-LF-RF-RB	gfpn	qjon				0			
	LD-LF-RF-BD	gfps	qjor				0			
	LD-LF-RF-RD	gfpo	qjos				0			
	LD-LF-FR-UL	gfjd	qjpa				0			
	LD-LF-FR-UB	gfja	qjpb				0			
	LD-LF-FR-UR	gfjb	qjpc				0			
	LD-LF-FR-DF	gfju	qjpd				0			
	LD-LF-FR-LU	gfje	qjpe				0			
	LD-LF-FR-BU	gfjq	qjpf				0			
	LD-LF-FR-FU	gfji	qjph				0			
	LD-LF-FR-LB	gfjh	qjpk				0			
	LD-LF-FR-BL	gfjr	qjpl				0			
	LD-LF-FR-RD	gfjo	qjps	ewnw mxd	D' F' M' F' M F2 D		7			0
	LD-LF-FR-DR	gfjv	qjpv	tqgt hwjp ksvp	S' E' L S' L' F' R E R' f E		12			
	LD-LF-BD-UL	gfsd	qjra	awmv pktj cqa	U F' M F E R' S' R U2 u		11			
	LD-LF-BD-UB	gfsa	qjrb	wptq gbta hsmv	F' E S' E' L U' S' U L' S M F		12			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LF-BD-UR	gfsb	qjrc				0			
	LD-LF-BD-DF	gfsu	qjrd				0			
	LD-LF-BD-LU	gfse	qjre	vjcd sbte sbtkw	F R U2 D S U' S' D' S U' S' R' F'		13			
	LD-LF-BD-BU	gfsq	qjrf	awob sato vb	U F' M2 U' S U S' M2 F U'		10			
	LD-LF-BD-RU	gfsm	qjrg	hxam bvbn avg	L' F2 U M U' F U' M' U F L		11			
	LD-LF-BD-FU	gfsi	qjrh				0			
	LD-LF-BD-LB	gfsh	qjrk				0			
	LD-LF-BD-BL	gfsr	qjrl				0			
	LD-LF-BD-BR	gfst	qjrm				0			
	LD-LF-BD-RB	gfsn	qjrn				0			
	LD-LF-BD-RF	gfsp	qjro				0			
	LD-LF-BD-FR	gfsj	qjrp				0			
	LD-LF-BD-RD	gfso	qjrs	awie tdsi vb	U F' L2 D' S' D S L2 F U'		10			
	LD-LF-BD-DL	gfsx	qjrt				0			
	LD-LF-BD-DR	gfsv	qjrv	bete upja mbkq af	U' D' S' D' S2 E R U M U' R' u D2		14			
	LD-LF-RD-UL	gfod	qjsa	atga sbhc tas	U S' L U S U' L' U2 S' U S		11			
	LD-LF-RD-UB	gfoa	qjsb				0			
	LD-LF-RD-UR	gfob	qjsc	tgbg tgsi sah	S' L U' L S' L S L2 S U L'		11			
	LD-LF-RD-DF	gfou	qjsd				0			
	LD-LF-RD-LU	gfoe	qjse	csgv buaw hcs	U2 S L F U' S2 U F' L' U2 S		11			
	LD-LF-RD-BU	gfoq	qjsf				0			
	LD-LF-RD-RU	gfom	qjsg	ukvj ukvq xpj	S2 R' F R S2 R' F E' F2 E R		11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LF-RD-FU	gfoi	qjsh				0			
	LD-LF-RD-LB	gfoh	qjsk				0			
	LD-LF-RD-BL	gfor	qjsl				0			
	LD-LF-RD-BR	gfot	qjsm				0			
	LD-LF-RD-RB	gfon	qjsn	nakt pjqs bm	M' U R' S' E R E' S U' M		10			
	LD-LF-RD-RF	gfop	qjsn				0			
	LD-LF-RD-FR	gfoj	qjsp				0			
	LD-LF-RD-BD	gfos	qjsr				0			
	LD-LF-RD-DB	gfow	qjsu				0			
	LD-LF-DL-BD	gfxs	qjtr				0			
	LD-LF-DB-UL	gfwd	qjua				0			
	LD-LF-DB-UB	gfwa	qjub				0			
	LD-LF-DB-UR	gfwb	qjuc				0			
	LD-LF-DB-BU	gfwq	qjuf				0			
	LD-LF-DB-RU	gfwm	qjug				0			
	LD-LF-DB-FU	gfwi	qjuh				0			
	LD-LF-DB-BL	gfwr	qjul				0			
	LD-LF-DB-BR	gfwt	qjum				0			
	LD-LF-DB-RB	gfwn	qjun				0			
	LD-LF-DB-RF	gfwp	qjuo				0			
	LD-LF-DB-FR	gfwj	qjup				0			
	LD-LF-DB-BD	gfws	qjur				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-LF-DB-RD	gfwo	aaaa	qjus					0		
LD-LF-DB-DL	gfwx	aaaa	qjut					0		
LD-LF-DB-DR	gfwv	aaaa	qjuv					0		
LD-LF-DR-UL	gfvd	aaaa	qjva					0		
LD-LF-DR-UB	gfva	aaaa	qjvb					0		
LD-LF-DR-UR	gfvb	aaaa	qjvc					0		
LD-LF-DR-DF	gfvu	aaaa	qjvd					0		
LD-LF-DR-LU	gfve	aaaa	qjve					0		
LD-LF-DR-BU	gfvq	aaaa	qjvf					0		
LD-LF-DR-RU	gfvm	aaaa	qjvg					0		
LD-LF-DR-FU	gfvi	aaaa	qjvh					0		
LD-LF-DR-LB	gfvh	aaaa	qjvk					0		
LD-LF-DR-BL	gfvr	aaaa	qjvl					0		
LD-LF-DR-BR	gfvt	aaaa	qjvm					0		
LD-LF-DR-RB	gfvn	aaaa	qjvn					0		
LD-LF-DR-RF	gfvp	aaaa	qjvo					0		
LD-LF-DR-FR	gfvj	aaaa	qjvp					0		
LD-LF-DR-BD	gfvs	aaaa	qjvr					0		
LD-LF-DR-DL	gfvx	aaaa	qjvt					0		
LD-LF-DR-DB	gfvw	aaaa	qjvu					0		
LD-LB-UL-UB	ghda	aaaa	qkab					0		
LD-LB-UL-UR	ghdb	aaaa	qkac					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LB-UL-DF	ghdu	qkad				0			
	LD-LB-UL-BU	ghdq	qkaf				0			
	LD-LB-UL-RU	ghdm	qkag				0			
	LD-LB-UL-FU	ghdi	qkah				0			A
	LD-LB-UL-FL	ghdl	qkai	avhb gths agwb	U F L' U' L S' L' S U L F' U'		12			
	LD-LB-UL-LF	ghdf	qkaj	dtvq agph bswe	D S' F u L E L' U' S F' D'		12			
	LD-LB-UL-BR	ghdt	qkam	qjdn bnao ekp	E' R D M' U' M' U M2 D' R' E		11			
	LD-LB-UL-RB	ghdn	qkan	ahbp hqga gb	U L' u' L' E' L U L U'		10			
	LD-LB-UL-RF	ghdp	qkao	ahbi qhph agb	U L' U' L2 E' L' E L' U L U'		11			
	LD-LB-UL-FR	ghdj	qkap	bgsd mbwn etc	U' L S D M U' F' M' D' S' U2		11			
	LD-LB-UL-BD	ghds	qkar	atam bkwp vnjb	U S' U M U' R' F' E F r U'		12			P
	LD-LB-UL-RD	ghdo	qkas	bhtg bscg ths	U' L' S' L U' S U2 L S' L' S		11			
	LD-LB-UL-DB	ghdw	qkau	fkbv rwaw rvjf	D2 R' U' F E2 F' U F' E2 F R D2		12			
	LD-LB-UL-DR	ghdv	qkav	mvkp jths gwnt	M F R' E R S' L' S L F' M' S'		12			
	LD-LB-UB-UL	ghad	qkba	agqs vatb whbp	U L E' f U S' U' F' L' u'		12			
	LD-LB-UB-UR	ghab	qkbc	latb hbsa lg	R2 U S' U' L' U' S U R2 L		10			
	LD-LB-UB-DF	ghau	qkbd	aths anbg bm	U S' L' S U M' U' L U' M		10			
	LD-LB-UB-LU	ghae	qfbe	rkcs bubs jr	E2 R' U2 S U' S2 U' S R E2		10			
	LD-LB-UB-RU	gham	qkbg	fhct auat gf	D2 L' U2 S' U S2 U S' L D2		10			
	LD-LB-UB-FU	ghai	qkbh				0			
	LD-LB-UB-FL	ghal	qkbi	qajp hsgt qkbp	u R E L' S L S' E' R' u'		12			
	LD-LB-UB-LF	ghaf	qkbj	akxg qhpx jb	U R' F2 L E' L' E F2 R U'		10			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LB-UB-BR	ghat	qkbm	jatb hbsa gk	R U S' U' L' U' S U L R'		10			
	LD-LB-UB-RB	ghan	qkbn	ahpc hqgc gb	U L' E U2 L' E' L U2 L U'		10			
	LD-LB-UB-RF	ghap	qkbo				0			
	LD-LB-UB-FR	ghaj	qkbp				0		F	
	LD-LB-UB-BD	ghas	qkbr	atam ckwp vnj	U S' U M U2 R' F' E F r		11			
	LD-LB-UB-RD	ghao	qkbs	btah vbsa wg	U' S' U L' F U' S U F' L		10			
	LD-LB-UB-DB	ghaw	qkbu	aths bmag anc	U S' L' S U' M U L U M' U2		11			
	LD-LB-UB-DR	ghav	qkbv	atbh bsag	U S' U' L' U' S U L		8			
	LD-LB-UB-FD	ghak	qkbx	atbk xmvp vnj	U S' U' R' F2 M F E F r		11			
	LD-LB-UR-UL	ghbd	qkca	kdvb vpwq awej	R' D F U' F E F' u F' D' R		12			
	LD-LB-UR-DF	ghbu	qkcd				0			
	LD-LB-UR-LU	ghbe	qkce	ahag thsb gb	U L' U L S' L' S U' L U'		10			
	LD-LB-UR-BU	ghbq	qkcf				0			
	LD-LB-UR-FU	ghbi	qkch				0		0	
	LD-LB-UR-FL	ghbl	qkci	fjqk bojq okaf	D2 R E' R' U' M2 R E' M2 R' U D2		12			
	LD-LB-UR-LF	ghbf	qkcj	dkxp wqw je	D R' F2 E F' E' F' R D'		9			
	LD-LB-UR-BR	ghbt	qkcm	avgc vdwk cwbe	U F L U2 F D F' R' U2 F' U' D'		12		0	
	LD-LB-UR-RB	ghbn	qkcn	jqbj tjsl pak	R E' U' R S' R S R2 E U R'		11		0	
	LD-LB-UR-RF	ghbp	qkco	aggi agph bgb	U L E' L2 U L E L' U' L U'		11			
	LD-LB-UR-FR	ghbj	qkcp	bgsb tdwn amae	U' L S U' S' D F' M' U M U D'		12		P	
	LD-LB-UR-BD	ghbs	qkcr	gbgb manh ah	L U' L U' M U I' U L'		10		0	
	LD-LB-UR-RD	ghbo	qkcs	gbgt asbh ah	L U' L S' U S U' L' U L'		10			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LB-UR-DB	ghbw	qkcu	dvjq kwnb same	D F R E' R' F' M' U' S U M D'		12			
	LD-LB-UR-DR	ghbv	qkcv	bgsh btah sgat	U' L S L' U' S' U L' S L U S'		12			
	LD-LB-DF-UL	ghud	qkda				0			
	LD-LB-DF-UR	ghub	qkdc				0			
	LD-LB-DF-BU	ghuq	qkdf				0			
	LD-LB-DF-RU	ghum	qkdg				0			
	LD-LB-DF-FL	ghul	qkdi				0			
	LD-LB-DF-LF	ghuf	qkdj	djxp wqw ke	D R F2 E F' E' F' R' D'		9			
	LD-LB-DF-BR	ghut	qkdm				0			
	LD-LB-DF-RB	ghun	qkdn				0			A
	LD-LB-DF-RF	ghup	qkdo				0			
	LD-LB-DF-FR	ghuj	qkdp				0			
	LD-LB-DF-BD	ghus	qkdr				0			
	LD-LB-DF-RD	ghuo	qkds				0			
	LD-LB-LU-UB	ghea	qkeb				0			A
	LD-LB-LU-UR	gheb	qkec				0			
	LD-LB-LU-DF	gheu	qked				0			A
	LD-LB-LU-FU	ghei	qkeh				0			
	LD-LB-LU-FL	ghel	qkei				0			
	LD-LB-LU-LF	ghef	qkej				0			
	LD-LB-LU-RB	ghen	qken				0			
	LD-LB-LU-RF	ghep	qkeo				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LB-LU-FR	ghej	qkep				0			
	LD-LB-LU-RD	gheo	qkes				0			
	LD-LB-LU-DR	ghev	qkev				0			
	LD-LB-BU-UL	ghqd	qkfa				0			
	LD-LB-BU-LU	ghqe	qkfe				0			
	LD-LB-BU-FU	ghqi	qkfh				0		0	
	LD-LB-BU-LF	ghqf	qkfj				0			
	LD-LB-BU-FR	ghqj	qkfp				0			
	LD-LB-BU-DB	ghqw	qkfu				0			
	LD-LB-BU-DR	ghqv	qkfv				0			
	LD-LB-RU-UL	ghmd	qkga				0			
	LD-LB-RU-UB	ghma	qkgb				0			
	LD-LB-RU-DF	ghmu	qkgd				0			
	LD-LB-RU-BU	ghmq	qkgf				0			
	LD-LB-RU-FU	ghmi	qkgh				0			
	LD-LB-RU-FL	ghml	qkgi				0			
	LD-LB-RU-LF	ghmf	qkgj				0			
	LD-LB-RU-BR	ghmt	qkgm	vcgq ksht jcpw	F U2 L E' R' S L' S' R U2 E F'		12			
	LD-LB-RU-RB	ghmn	qkgn				0			
	LD-LB-RU-BD	ghms	qkgr				0			
	LD-LB-RU-RD	ghmo	qkgs				0			
	LD-LB-RU-DB	ghmw	qkgu				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-LB-RU-DR	ghmv		qkgv					0		
LD-LB-FU-UL	ghid		qkha					0		
LD-LB-FU-UB	ghia		qkhb					0		
LD-LB-FU-UR	ghib		qkhc					0		
LD-LB-FU-LU	ghie		qkhe					0		
LD-LB-FU-BU	ghiq		qkhf					0		
LD-LB-FU-RU	ghim		qkhg					0		
LD-LB-FU-FL	ghil		qkhi					0		
LD-LB-FU-LF	ghif		qkhj					0		
LD-LB-FU-BR	ghit		qkhm					0		
LD-LB-FU-RB	ghin		qkhn					0		0
LD-LB-FU-FR	ghij		qkhp					0		
LD-LB-FU-BD	ghis		qkhr					0		A
LD-LB-FU-RD	ghio		qkhs					0		
LD-LB-FU-DB	ghiw		qkhu					0		
LD-LB-FU-DR	ghiv		qkhv					0		
LD-LB-FL-UL	ghld		qkia					0		
LD-LB-FL-UB	ghla		qkib					0		P
LD-LB-FL-UR	ghlb		qkic					0		
LD-LB-FL-DF	ghlu		qkid					0		
LD-LB-FL-LU	ghle		qkie					0		A
LD-LB-FL-BU	ghlq		qkif					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LB-FL-RU	ghlm	qkig				0			
	LD-LB-FL-FU	ghli	qkih				0			
	LD-LB-FL-RB	ghln	qkin				0			
	LD-LB-FL-RF	ghlp	qkio				0			
	LD-LB-FL-FR	ghlj	qkip				0			
	LD-LB-FL-RD	ghlo	qkis				0			
	LD-LB-FL-DR	ghlv	qkiv				0			
	LD-LB-LF-UB	ghfa	qkjb				0			
	LD-LB-LF-UR	ghfb	qkjc				0			
	LD-LB-LF-DF	ghfu	qkjd				0			
	LD-LB-LF-BU	ghfq	qkjf				0			
	LD-LB-LF-RU	ghfm	qkjg	wjrj tlsv jrk	F' R E2 R S' R2 f R E2 R'		11			A
	LD-LB-LF-BL	ghfr	qkjl				0			C
	LD-LB-LF-BR	ghft	qkjm				0			O
	LD-LB-LF-RB	ghfn	qkjn				0			O
	LD-LB-LF-RF	ghfp	qkjo				0			
	LD-LB-LF-FR	ghfj	qkjp				0			A
	LD-LB-LF-RD	ghfo	qkjs	bfgs hfht ga	U' D2 L S L' D2 L' S' L U		10			
	LD-LB-LF-DR	ghfv	qkjv	athc sama gbn	U S' L' U2 S U M U L U' M'		11			F
	LD-LB-BR-UL	ghtd	qkma				0			
	LD-LB-BR-UB	ghta	qkmb				0			
	LD-LB-BR-UR	ghtb	qkmc	qawn vmtk pjbn	u F' M' F M S' R' E R U' M'		12			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-LB-BR-DF	ghtu	qkmd					0			
LD-LB-BR-RU	ghtm	qkmg					0		0	
LD-LB-BR-FL	ghtl	qkmi					0			
LD-LB-BR-LF	ghtf	qkmj					0			
LD-LB-BR-BL	ghtr	qkml					0			
LD-LB-BR-RF	ghtp	qkmo					0			
LD-LB-BR-FR	ghtj	qkmp					0		0	
LD-LB-BR-DB	ghtw	qkmu					0			
LD-LB-RB-UL	ghnd	qkna					0			
LD-LB-RB-UB	ghna	qknb					0			
LD-LB-RB-DF	ghnu	qknd					0			
LD-LB-RB-LU	ghne	qkne					0			
LD-LB-RB-RU	ghnm	qkng					0			
LD-LB-RB-FL	ghnl	qkni					0			
LD-LB-RB-LF	ghnf	qknj					0			
LD-LB-RB-BL	ghnr	qknl					0			
LD-LB-RB-RF	ghnp	qkno					0			
LD-LB-RB-FR	ghnj	qknp					0			A
LD-LB-RB-BD	ghns	qknr					0			
LD-LB-RB-RD	ghno	qkns					0			
LD-LB-RB-DB	ghnw	qknu					0			
LD-LB-RF-UL	ghpd	qkoa					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LB-RF-UB	ghpa	qkob				0			P
	LD-LB-RF-UR	ghpb	qkoc				0			
	LD-LB-RF-DF	ghpu	qkod				0			
	LD-LB-RF-LU	ghpe	qkoe				0			
	LD-LB-RF-BU	ghpq	qkof				0			C
	LD-LB-RF-RU	ghpm	qkog				0			
	LD-LB-RF-FU	ghpi	qkoh				0			
	LD-LB-RF-FL	ghpl	qkoi				0			O
	LD-LB-RF-LF	ghpf	qkoj				0			
	LD-LB-RF-BR	ghpt	qkom				0			
	LD-LB-RF-RB	ghpn	qkon				0			
	LD-LB-RF-BD	ghps	qkor				0			
	LD-LB-RF-RD	ghpo	qkos				0			
	LD-LB-RF-DB	ghpw	qkou				0			
	LD-LB-RF-DR	ghpv	qkov				0			
	LD-LB-FR-UL	ghjd	qkpa				0			
	LD-LB-FR-UR	ghjb	qkpc				0			
	LD-LB-FR-DF	ghju	qkpd				0			
	LD-LB-FR-LU	ghje	qkpe				0			O
	LD-LB-FR-RU	ghjm	qkpg	dxkp wqvj xe	D F2 R' E F' E' F R F2 D'		10			O
	LD-LB-FR-FU	ghji	qkph				0			
	LD-LB-FR-FL	ghjl	qkpi				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LB-FR-LF	ghjf	qkpj				0		0	
	LD-LB-FR-BR	ghjt	qkpm				0		0	
	LD-LB-FR-RB	ghjn	qkpn				0		0	
	LD-LB-FR-BD	ghjs	qkpr	xobt hsga ox	F2 M2 U' S' L' S L U M2 F2		10			
	LD-LB-FR-RD	ghjo	qkps				0		0	
	LD-LB-FR-DB	ghjw	qkpu				0		A	
	LD-LB-FR-DR	ghjv	qkpv				0		C	
	LD-LB-BD-UR	ghsb	qkrc				0			
	LD-LB-BD-DF	ghsu	qkrd				0		F	
	LD-LB-BD-RU	ghsm	qkrg				0			
	LD-LB-BD-FU	ghsi	qkrh				0			
	LD-LB-BD-FL	ghsl	qkri				0			
	LD-LB-BD-LF	ghsf	qkrj				0			
	LD-LB-BD-BR	ghst	qkrm				0			
	LD-LB-BD-RB	ghsn	qkrn				0			
	LD-LB-BD-RF	ghsp	qkro				0			
	LD-LB-BD-FR	ghsj	qkrp				0			
	LD-LB-BD-RD	ghso	qkrs				0			
	LD-LB-RD-UB	ghoa	qksb				0			
	LD-LB-RD-UR	ghob	qksc				0			
	LD-LB-RD-DF	ghou	qksd				0			
	LD-LB-RD-BU	ghoq	qksf				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LB-RD-RB	ghon	qksn				0			
	LD-LB-RD-FR	ghoj	qksp				0			
	LD-LB-DL-FU	ghxi	qkth				0			
	LD-LB-DL-FL	ghxl	qkti				0			
	LD-LB-DB-UL	ghwd	qkua				0			
	LD-LB-DB-UB	ghwa	qkub				0			
	LD-LB-DB-UR	ghwb	qkuc				0			
	LD-LB-DB-LU	ghwe	qkue				0			
	LD-LB-DB-BU	ghwq	qkuf				0			
	LD-LB-DB-RU	ghwm	qkug				0			
	LD-LB-DB-FL	ghwl	qkui				0			
	LD-LB-DB-LF	ghwf	qkuj				0			
	LD-LB-DB-BR	ghwt	qkum				0			
	LD-LB-DB-RB	ghwn	qkun				0			
	LD-LB-DB-RF	ghwp	qkuo				0			
	LD-LB-DB-FR	ghwj	qkup				0			
	LD-LB-DR-UL	ghvd	qkva	csah tgag ths	U2 S U L' S' L U L S' L' S		11			
	LD-LB-DR-UR	ghvb	qkvc				0			
	LD-LB-DR-DF	ghvu	qkvd				0			L
	LD-LB-DR-RU	ghvm	qkvg				0			
	LD-LB-DR-FU	ghvi	qkvh				0			
	LD-LB-DR-LF	ghvf	qkvj	jdxp wqw ek	R D F2 E F' E' F' D' R'		9			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-LB-DR-BR	ghvt	qkvm				0			
	LD-LB-DR-RF	ghvp	qkvo	bjtj sjqj ap	U' R S' R S R E' R U E		10			
	LD-LB-DR-FR	ghvj	qkvp				0			
	LD-LB-DR-BD	ghvs	qkvr				0			
	LD-LB-DR-DB	ghvw	qkvu	mdhe ndtj wksg	M D L' D' M' D S' R F' R' S L		12			
	LD-BL-UL-UR	grdb	qlac				0			
	LD-BL-UL-FL	grdl	qlai				0			
	LD-BL-UL-LF	grdf	qlaj				0			
	LD-BL-UL-BR	grdt	qlam				0			
	LD-BL-UL-RB	grdn	qlan				0		0	
	LD-BL-UL-RF	grdp	qlao				0			
	LD-BL-UL-FR	grdj	qlap				0			
	LD-BL-UL-BD	grds	qlar				0			
	LD-BL-UL-RD	grdo	qlas				0			
	LD-BL-UL-DB	grdw	qlau				0			
	LD-BL-UL-DR	grdv	qlav				0			
	LD-BL-UB-UL	grad	qlba	rktb ajta sbsr	E2 R' U' S' U R S' U S U' S E2		12		0	
	LD-BL-UB-LU	grae	qlbe				0			
	LD-BL-UB-FU	grai	qlbh				0			
	LD-BL-UB-FL	gral	qlbi	tagu hsis ibs	S' U L S2 L' S L2 S L2 U' S		11		A	
	LD-BL-UB-LF	graf	qlbj				0			
	LD-BL-UB-BR	grat	qlbm				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BL-UB-RF	grap	qlbo				0		0	
	LD-BL-UB-FR	graj	qlbp				0		0	
	LD-BL-UB-BD	gras	qlbr				0		0	
	LD-BL-UB-RD	graو	qlbs	bsht jxqx gpkأ	U' S L' S' R F2 E' F2 L E R' U		12		0	
	LD-BL-UB-DL	grax	qlbt				0		0	
	LD-BL-UB-DB	graw	qlbu				0		0	
	LD-BL-UR-UL	grbd	qlca	wkhq gphq gpjv	F' R' L' E' L E L' E' L E R F		12		0	
	LD-BL-UR-UB	grba	qlcb	cjqk tals kpka	U2 R E' R' S' U R2 S R' E R' U		12		0	
	LD-BL-UR-DF	grbu	qlcd				0		0	
	LD-BL-UR-LU	grbe	qlce	agcg satb hchb	U L U2 L S U S' U' L' U2 L' U'		12		0	
	LD-BL-UR-BU	grbq	qlcf	anpv dnew qtmb	U M' E F D M' D' F' E' S' M U'		12		0	
	LD-BL-UR-FU	grbi	qlch				0		0	
	LD-BL-UR-FL	grbl	qlci	mdgt hdhs gfn	M D L S' L' D L' S L D2 M'		11		0	
	LD-BL-UR-LF	grbf	qlcj	ltmj rwhq gvnj	R2 S' M R E2 F' L' E' L F r		12		0	
	LD-BL-UR-BR	grbt	qlcm	avlp hpgr lwb	U F R2 E L' E L E2 R2 F' U'		11		0	
	LD-BL-UR-RB	grbn	qlcn	rkdv nwme jr	E2 R' D F M' F' M D' R E2		10		0	
	LD-BL-UR-RF	grbp	qlco	agtq agph bshb	U L S' u L E L' U' S L' U'		12		0	
	LD-BL-UR-FR	grbj	qlcp	biva namc wia	U' L2 F U M' U M U2 F' L2 U		11		0	
	LD-BL-UR-BD	grbs	qlcr	bivb manw ia	U' L2 F U' M U M' F' L2 U		10		0	
	LD-BL-UR-RD	grbo	qlcs	phbp htga sgr	E L' u' L' S' L U S L E2		11		0	
	LD-BL-UR-DB	grbw	qlcu	wpkv mdne wjqv	F' E R' F M D M' D' F' R E' F		12		0	
	LD-BL-UR-DR	grbv	qlcv	bjqk fkpj asft	U' R E' R' D2 R' E R U S D2 S'		12		0	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BL-UR-FD	grbk	qlcx				0			
	LD-BL-DF-LU	grue	qlde				0			
	LD-BL-DF-LF	gruf	qldj				0			
	LD-BL-DF-BR	grut	qldm				0			
	LD-BL-DF-RF	grup	qldo				0			
	LD-BL-DF-BD	grus	qldr				0			
	LD-BL-DF-RD	gruo	qlds				0			
	LD-BL-DF-DR	gruv	qldv				0			
	LD-BL-LU-UR	greb	qlec				0			
	LD-BL-LU-DF	greu	qled				0		A	
	LD-BL-LU-RU	grem	qleg				0			
	LD-BL-LU-FU	grei	qleh				0			
	LD-BL-LU-FL	grel	qlei	begs atmb nhad	U' D' L S U S' M U' I' U D		12			
	LD-BL-LU-LF	gref	qlej	rjal asbt lbkr	E2 R U R2 U S U' S' R2 U' R' E2		12			
	LD-BL-LU-BR	gret	qlem				0			
	LD-BL-LU-RB	gren	qlen				0		P	
	LD-BL-LU-FR	grej	qlep				0			
	LD-BL-LU-BD	gres	qler				0		P	
	LD-BL-LU-DB	grew	qleu	anrk tesd jrmb	U M' E2 R' S' D' S D R E2 M U'		12			
	LD-BL-LU-DR	grev	qlev				0			
	LD-BL-BU-DF	grqu	qlfd				0			
	LD-BL-BU-LU	grqe	qlfe				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BL-BU-RU	grqm	qlfg				0			
	LD-BL-BU-RB	grqn	qlfn				0			
	LD-BL-BU-BD	grqs	qlfr				0			
	LD-BL-BU-RD	grqo	qlfs				0			
	LD-BL-RU-UB	grma	qlgb				0			
	LD-BL-RU-LU	grme	qlge				0			
	LD-BL-RU-BU	grmq	qlgf				0			
	LD-BL-RU-LF	grmf	qlgj				0			
	LD-BL-RU-BR	grmt	qlgm	mvpu jptk wtn	M F E S2 R E S' R' f M'		11			
	LD-BL-RU-RB	grmn	qlgn				0			
	LD-BL-RU-RF	grmp	qlgo				0			
	LD-BL-RU-RD	grmo	qlgs				0			
	LD-BL-RU-DB	grmw	qlgu				0			
	LD-BL-FU-UB	gria	qlhb				0			
	LD-BL-FU-UR	grib	qlhc				0			
	LD-BL-FU-RU	grim	qlhg				0			
	LD-BL-FU-FL	gril	qlhi				0		A	
	LD-BL-FU-LF	grif	qlhj				0			
	LD-BL-FU-BR	grit	qlhm				0			
	LD-BL-FU-RB	grin	qlhn				0			
	LD-BL-FU-BD	gris	qlhr				0			
	LD-BL-FU-RD	gio	qlhs				0			A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-BL-FU-DB	griw		qlhu					0		
LD-BL-FL-UL	grld		qlia					0		
LD-BL-FL-UB	grla		qlib					0		
LD-BL-FL-LU	grle		qlie					0		
LD-BL-FL-BU	grlq		qlif					0		
LD-BL-FL-BR	grlt		qlim					0		
LD-BL-FL-RB	grln		qlin					0		A
LD-BL-FL-FR	grlj		qlip					0		
LD-BL-FL-BD	grls		qlir					0		
LD-BL-FL-DB	grlw		qliu					0		
LD-BL-LF-UL	grfd		qlja					0		
LD-BL-LF-UB	grfa		qljb					0		A
LD-BL-LF-UR	grfb		qljc					0		
LD-BL-LF-LU	grfe		qlje					0		
LD-BL-LF-BU	grfq		qljf					0		
LD-BL-LF-RU	grfm		qljg					0		
LD-BL-LF-FU	grfi		qljh					0		
LD-BL-LF-BR	grft		qljm					0		
LD-BL-LF-RB	grfn		qljn					0		
LD-BL-LF-FR	grfj		qljp					0		
LD-BL-LF-BD	grfs		qljr					0		
LD-BL-LF-RD	grfo		qljs					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BL-LF-DB	grfw	qlju	egxt dsex hd	D' L F2 S' D S D' F2 L' D		10		0	
	LD-BL-LF-DR	grfv	qljv				0			
	LD-BL-BR-UL	grtd	qlma				0			
	LD-BL-BR-UB	grta	qlmb				0			
	LD-BL-BR-UR	grtb	qlmc				0			
	LD-BL-BR-DF	grtu	qlmd				0			
	LD-BL-BR-LU	grte	qlme				0			
	LD-BL-BR-BU	grtq	qlmf				0			
	LD-BL-BR-RU	grtm	qlmg				0			
	LD-BL-BR-FU	grti	qlmh				0			
	LD-BL-BR-FL	grtl	qlmi				0			
	LD-BL-BR-LF	grtf	qlmj				0			
	LD-BL-BR-RF	grtp	qlmo				0			
	LD-BL-BR-FR	grtj	qlmp				0			
	LD-BL-BR-BD	grts	qlmr				0			
	LD-BL-BR-RD	grto	qlms				0			
	LD-BL-BR-DB	grtw	qlmu				0			
	LD-BL-BR-DR	grtv	qlmv				0			
	LD-BL-RB-UL	grnd	qlna				0			
	LD-BL-RB-UB	grna	qlnb				0			
	LD-BL-RB-UR	grnb	qlnc				0			
	LD-BL-RB-BU	grnq	qlnf				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-BL-RB-RU	grnm		qlng					0		
LD-BL-RB-FU	grni		qlnh					0		
LD-BL-RB-FL	grnl		qlni					0		
LD-BL-RB-LF	grnf		qlnj					0		
LD-BL-RB-LB	grnh		qlnk					0		
LD-BL-RB-RF	grnp		qlno					0		
LD-BL-RB-FR	grnj		qlnp					0		
LD-BL-RB-RD	grno		qlns					0		0
LD-BL-RB-DB	grnw		qlnu					0		
LD-BL-RB-DR	grnv		qlnv					0		
LD-BL-RF-UL	grp d		qloa					0		
LD-BL-RF-DF	grp u		qlod					0		
LD-BL-RF-LU	grp e		qloe					0		0
LD-BL-RF-RU	grp m		qlog					0		
LD-BL-RF-FU	grp i		qloh					0		0
LD-BL-RF-FL	grp l		qloi					0		0
LD-BL-RF-LF	grp f		qloj					0		
LD-BL-RF-BR	grp t		qlom					0		
LD-BL-RF-RB	grp n		qlon					0		
LD-BL-RF-BD	grp s		qlor					0		
LD-BL-RF-DB	grp w		qlou					0		
LD-BL-RF-DR	grp v		qlov					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BL-FR-UL	grjd	qlpa				0			
	LD-BL-FR-UB	grja	qlpb				0			
	LD-BL-FR-UR	grjb	qlpc	xjvk rjwj rkex	F2 D F R' E2 R F' R E2 R' D' F2		12		0	
	LD-BL-FR-DF	grju	qlpd				0			
	LD-BL-FR-LU	grje	qlpe				0			
	LD-BL-FR-BU	grjq	qlpf				0			
	LD-BL-FR-RU	grjm	qlpg	shqa sgtp hbgt	S L' u S L S' E L' U' L S'		12		0	
	LD-BL-FR-FU	grji	qlph				0			
	LD-BL-FR-FL	grjl	qlpi				0			
	LD-BL-FR-LF	grjf	qlpj				0			
	LD-BL-FR-BR	grjt	qlpm				0			
	LD-BL-FR-RB	grjn	qlpn				0			
	LD-BL-FR-BD	grjs	qlpr				0		A	
	LD-BL-FR-RD	grjo	qlps				0			
	LD-BL-FR-DB	grjw	qlpu				0			
	LD-BL-FR-DR	grjv	qlpv				0		A	
	LD-BL-BD-UL	grsd	qlra				0			
	LD-BL-BD-UB	grsa	qlrb				0			
	LD-BL-BD-UR	grsb	qlrc				0			
	LD-BL-BD-LU	grse	qlre				0			
	LD-BL-BD-BU	grsq	qlrf	dugb nahm ue	D S2 L U' M' U L' M S2 D'		10			
	LD-BL-BD-RU	grsm	qlrg				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	LD-BL-BD-FL	grsl	qlri					0		
	LD-BL-BD-LF	grsf	qlrj					0		
	LD-BL-BD-BR	grst	qlrm					0		
	LD-BL-BD-RB	grsn	qlrn	dvqw dwrx qwf	D F E' F' D F' E2 F2 E' F' D2			11		
	LD-BL-BD-RF	grsp	qlro					0		
	LD-BL-BD-FR	grsj	qlrp					0		
	LD-BL-BD-RD	grso	qlrs					0		
	LD-BL-BD-DR	grsv	qlrv					0		
	LD-BL-RD-UL	grod	qlsa					0		
	LD-BL-RD-UB	groa	qlsb					0		
	LD-BL-RD-UR	grob	qlsc					0		
	LD-BL-RD-DF	grou	qlsd					0		
	LD-BL-RD-LU	groe	qlse					0		
	LD-BL-RD-BU	groq	qlsf					0		
	LD-BL-RD-RU	grom	qlsg					0		
	LD-BL-RD-FL	grol	qlsi					0		
	LD-BL-RD-LF	grof	qlsj					0		
	LD-BL-RD-BR	grot	qlsm					0		
	LD-BL-RD-RB	gron	qlsn					0		
	LD-BL-RD-RF	grop	qlso					0		
	LD-BL-RD-FR	groj	qlsp					0		
	LD-BL-RD-BD	gros	qlsr					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BL-RD-DL	grox	qlst				0			
	LD-BL-RD-DB	grow	qlsu	kdne wqvm atbj	R' D M' D' F' E' F M U S' U' R		12		0	
	LD-BL-DB-UL	grwd	qlua				0			
	LD-BL-DB-UB	grwa	qlub				0			
	LD-BL-DB-UR	grwb	qluc				0			
	LD-BL-DB-DF	grwu	qlud				0			
	LD-BL-DB-LU	grwe	qlue				0			
	LD-BL-DB-BU	grwq	qluf				0			
	LD-BL-DB-RU	grwm	qlug				0			
	LD-BL-DB-FL	grwl	qlui				0			
	LD-BL-DB-LF	grwf	qluj				0			
	LD-BL-DB-BR	grwt	qlum				0			
	LD-BL-DB-RB	grwn	qlun				0		A	
	LD-BL-DB-RF	grwp	qluo				0		O	
	LD-BL-DB-FR	grwj	qlup				0		A	
	LD-BL-DB-RD	grwo	qlus				0			
	LD-BL-DB-DR	grwv	qluv				0			
	LD-BL-DR-UL	grvd	qlva	wsgt hsgt hv	F' S L S' L' S L S' L' F		10			
	LD-BL-DR-UB	grva	qlvb				0			
	LD-BL-DR-UR	grvb	qlvc	sftb jqkf kpja	S D2 S' U' R E' R' D2 R' E R U		12			
	LD-BL-DR-LU	grve	qlve				0			
	LD-BL-DR-BU	grvq	qlvf				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		O
	LD-BL-DR-RU	grvm	qlvg					0		
	LD-BL-DR-FL	grvl	qlvi					0		
	LD-BL-DR-LF	grvf	qlvj					0		
	LD-BL-DR-BR	grvt	qlvm					0		
	LD-BL-DR-RB	grvn	qlvn					0		
	LD-BL-DR-RF	grvp	qlvo					0		
	LD-BL-DR-FR	grvj	qlvp					0		
	LD-BL-DR-BD	grvs	qlvr					0		
	LD-BL-DR-DB	grvw	qlvu	vpjv mdne wkqw	F E R F M D M' D' F' R' E' F'			12		
	LD-BR-UL-UB	gtda	qmab					0		
	LD-BR-UL-UR	gtdb	qmac					0		
	LD-BR-UL-DF	gtdu	qmad					0		
	LD-BR-UL-BU	gtdq	qmaf					0		F
	LD-BR-UL-RU	gtdm	qmag					0		
	LD-BR-UL-FL	gtdl	qmai					0		
	LD-BR-UL-LF	gtdf	qmaj					0		
	LD-BR-UL-LB	gtdh	qmak					0		
	LD-BR-UL-BL	gtdr	qmal					0		
	LD-BR-UL-RF	gtdp	qmao					0		
	LD-BR-UL-FR	gtdj	qmap					0		
	LD-BR-UL-BD	gtds	qmar					0		P
	LD-BR-UL-RD	gtdo	qmas					0		O

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BR-UL-DB	gtdw	qmau				0		L	
	LD-BR-UL-DR	gtdv	qmav				0			
	LD-BR-UB-UL	gtad	qmba	jbtaktasbs	R U' S' U R' S' U S U' S		10			
	LD-BR-UB-UR	gtab	qmbc				0			
	LD-BR-UB-DF	gtau	qmbd				0			
	LD-BR-UB-LU	gtae	qmbe				0			
	LD-BR-UB-FU	gtai	qmjh				0			
	LD-BR-UB-FL	gtal	qmhi				0			
	LD-BR-UB-LF	gtaf	qmboj				0			
	LD-BR-UB-LB	gtah	qmbok				0			
	LD-BR-UB-BL	gtar	qmbl				0			
	LD-BR-UB-RF	gtap	qmbo				0			
	LD-BR-UB-FR	gtaj	qmbo				0			
	LD-BR-UB-BD	gtas	qmbr				0			
	LD-BR-UB-RD	gtao	qmbs				0			
	LD-BR-UB-DB	gtaw	qmbo				0			
	LD-BR-UB-DR	gtav	qmbo				0			
	LD-BR-UR-UB	gtba	qmcb				0			
	LD-BR-UR-DF	gtbu	qmcd				0			
	LD-BR-UR-FL	gtbl	qmci				0			
	LD-BR-UR-LF	gtbf	qmcj				0			
	LD-BR-UR-LB	gtbh	qmck				0		0	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-BR-UR-BL	gtbr	qmcl					0			
LD-BR-UR-RF	gtbp	qmco					0		0	
LD-BR-UR-FR	gtbj	qmcp					0			
LD-BR-UR-DR	gtbv	qmcv					0			
LD-BR-DF-LU	gtue	qmde					0			
LD-BR-DF-FL	gtul	qmdi					0			
LD-BR-DF-LF	gtuf	qmdj					0			
LD-BR-DF-RF	gtup	qmdo					0			
LD-BR-DF-BD	gtus	qmdr					0			
LD-BR-LU-UR	gteb	qmec					0			
LD-BR-LU-FU	gtei	qmeh					0			
LD-BR-LU-FL	gtel	qmei					0			
LD-BR-LU-LF	gtef	qmej					0			
LD-BR-LU-LB	gteh	qmek					0			
LD-BR-LU-BL	gter	qmel					0			
LD-BR-LU-FR	gtej	qmep					0			
LD-BR-LU-BD	gtes	qmer					0			
LD-BR-LU-RD	gteo	qmes					0		0	
LD-BR-LU-DB	gtew	qmeu					0		0	
LD-BR-LU-DR	gtev	qmev					0			
LD-BR-BU-UL	gtqd	qmfa					0			
LD-BR-BU-UR	gtqb	qmfc					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	LD-BR-BU-LU	gtqe	qmfe				0			F
	LD-BR-BU-FU	gtqi	qmfh				0			
	LD-BR-BU-FL	gtql	qmfi				0			
	LD-BR-BU-LF	gtqf	qmfi				0			O
	LD-BR-BU-BL	gtqr	qmfl				0			
	LD-BR-BU-RF	gtqp	qmfo				0			
	LD-BR-BU-FR	gtqj	qmfp	meak sjdj tkbn	M D' U R' S R D R S' R' U' M'		12			
	LD-BR-BU-BD	gtqs	qmfr				0			
	LD-BR-BU-RD	gtqo	qmfs				0			
	LD-BR-BU-DL	gtqx	qmft				0			O
	LD-BR-BU-DB	gtqw	qmfu				0			
	LD-BR-BU-DR	gtqv	qmfv				0			
	LD-BR-RU-UL	gtmd	qmga				0			
	LD-BR-RU-UB	gtma	qmgb				0			
	LD-BR-RU-DF	gtmu	qmgd				0			
	LD-BR-RU-LU	gtme	qmge				0			
	LD-BR-RU-BU	gtmq	qmgf				0			
	LD-BR-RU-FU	gtmi	qmgh				0			
	LD-BR-RU-FL	gtml	qmgi				0			
	LD-BR-RU-LF	gtmf	qm gj				0			
	LD-BR-RU-BL	gtmr	qmgl				0			
	LD-BR-RU-RF	gtmp	qmgo				0			O

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BR-RU-FR	gtmj	qmgp				0			0
	LD-BR-RU-BD	gtms	qmgr				0			
	LD-BR-RU-RD	gtmo	qmgs				0			
	LD-BR-RU-DB	gtmw	qmgu				0			
	LD-BR-FU-UL	gtid	qmha				0			
	LD-BR-FU-UB	gtia	qmhb				0			
	LD-BR-FU-UR	gtib	qmhc				0			
	LD-BR-FU-BU	gtiq	qmhf				0			
	LD-BR-FU-FL	gtil	qmhi				0			
	LD-BR-FU-LF	gtif	qmhj				0			
	LD-BR-FU-LB	gtih	qmhk				0			
	LD-BR-FU-BL	gtir	qmhl				0			
	LD-BR-FU-BD	gtis	qmhr				0			
	LD-BR-FU-DL	gtix	qmht				0			
	LD-BR-FU-DB	gtiw	qmhu				0			
	LD-BR-FU-DR	gtiv	qmhv				0			
	LD-BR-FL-UL	gtld	qmia				0			
	LD-BR-FL-UB	gtla	qmib				0			
	LD-BR-FL-UR	gtlb	qmic				0			
	LD-BR-FL-DF	gtlu	qmid				0			
	LD-BR-FL-LU	gtle	qmie				0			F
	LD-BR-FL-BU	gtlq	qmif	kbvb sbtc waj	R' U' F U' S U' S' U2 F' U R		11			A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-BR-FL-RU	gtlm	qmig						0		
LD-BR-FL-FU	gtli	qmih						0		
LD-BR-FL-LB	gtlh	qmik						0		
LD-BR-FL-BL	gtlr	qmil						0		
LD-BR-FL-RF	gtlp	qmio						0		
LD-BR-FL-FR	gtlj	qmip						0		
LD-BR-FL-BD	gtls	qmir						0		
LD-BR-FL-RD	gtlo	qmis						0		
LD-BR-FL-DB	gtlw	qmiu						0		
LD-BR-FL-DR	gtlv	qmiv						0		
LD-BR-LF-UL	gtfd	qmja						0		
LD-BR-LF-UB	gtfa	qmjb						0		
LD-BR-LF-UR	gtfb	qmjc						0		
LD-BR-LF-DF	gtfu	qmjd						0		
LD-BR-LF-LU	gtfe	qmje						0		
LD-BR-LF-RU	gtfm	qmjg						0		
LD-BR-LF-FU	gtfi	qmjh						0		
LD-BR-LF-LB	gtfh	qmjk						0		
LD-BR-LF-BL	gtfr	qmjl						0		
LD-BR-LF-FR	gtfj	qmjp						0		
LD-BR-LF-RD	gtfo	qmjs						0		
LD-BR-LF-DB	gtfw	qmju						0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BR-LF-DR	gtfv	qmjv				0			
	LD-BR-LB-UL	gthd	qmka				0			
	LD-BR-LB-UR	gthb	qmkc				0			
	LD-BR-LB-DF	gthu	qmkd	wpvg vqwh	F' E F L F E' F' L'		8			
	LD-BR-LB-LU	gthe	qmke				0			
	LD-BR-LB-BU	gthq	qmkf				0		0	
	LD-BR-LB-FR	gthj	qmkp				0			
	LD-BR-LB-BD	gths	qmkr				0			
	LD-BR-LB-DB	gthw	qmku				0			
	LD-BR-LB-DR	gthv	qmkv				0			
	LD-BR-BL-UL	gtrd	qmla				0			
	LD-BR-BL-DF	gtru	qmld				0			
	LD-BR-BL-LU	gtre	qmle				0			
	LD-BR-BL-RU	gtrm	qmlg				0			
	LD-BR-BL-FU	gtri	qmlh				0			
	LD-BR-BL-RB	gtrn	qmln				0			
	LD-BR-BL-RF	gtrp	qmlo				0			
	LD-BR-BL-FR	gtrj	qmlp				0			
	LD-BR-BL-RD	gtro	qmls				0			
	LD-BR-BL-DB	gtrw	qmlu				0			
	LD-BR-RF-UL	gtpd	qmoa				0			
	LD-BR-RF-UB	gtpa	qmob				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-BR-RF-UR	gtpb	qmoc					0			
LD-BR-RF-DF	gtpu	qmod					0			
LD-BR-RF-LU	gtpe	qmoe					0			
LD-BR-RF-BU	gtpq	qmoф					0			
LD-BR-RF-RU	gtpm	qmog					0			
LD-BR-RF-FU	gtpi	qmoh					0			
LD-BR-RF-FL	gtpl	qmoi					0			
LD-BR-RF-LF	gtpf	qmoj					0			
LD-BR-RF-LB	gtph	qmok					0			
LD-BR-RF-BL	gtpр	qmol					0			
LD-BR-RF-BD	gtps	qmor					0			
LD-BR-RF-RD	gtpo	qmos					0			
LD-BR-RF-DB	gtpw	qmou					0			
LD-BR-RF-DR	gtpv	qmov					0			
LD-BR-FR-UL	gtjd	qmpa					0			
LD-BR-FR-UB	gtja	qmpb					0			
LD-BR-FR-UR	gtjb	qmpc					0			
LD-BR-FR-DF	gtju	qmpd					0			
LD-BR-FR-LU	gtje	qmpе					0			
LD-BR-FR-BU	gtjq	qmpf					0			
LD-BR-FR-RU	gtjm	qmpg					0			
LD-BR-FR-FU	gtji	qmph					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-BR-FR-FL	gtjl	qmpj						0		
LD-BR-FR-LF	gtjf	qmpj						0		
LD-BR-FR-LB	gtjh	qmpk						0		
LD-BR-FR-BL	gtjr	qmpl						0		
LD-BR-FR-BD	gtjs	qmpr						0		
LD-BR-FR-RD	gtjo	qmps						0		
LD-BR-FR-DB	gtjw	qmpu						0		
LD-BR-FR-DR	gtjv	qmpv						0		
LD-BR-BD-UL	gtsd	qmra						0		
LD-BR-BD-UB	gtsa	qmrb						0		
LD-BR-BD-UR	gtsb	qmrc						0		
LD-BR-BD-DF	gtsu	qmrd						0		
LD-BR-BD-LU	gtse	qmre						0		
LD-BR-BD-BU	gtsq	qmrf						0		
LD-BR-BD-RU	gtsm	qmrg						0		
LD-BR-BD-FU	gtsi	qmrh						0		
LD-BR-BD-FL	gtsl	qmri						0		
LD-BR-BD-LF	gtsf	qmrij						0		
LD-BR-BD-LB	gtsh	qmrk						0		
LD-BR-BD-BL	gtsr	qmrl						0		
LD-BR-BD-RF	gtsp	qmro						0		
LD-BR-BD-FR	gtsj	qmrp						0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-BR-BD-RD	gtso		qmrs				0			
LD-BR-BD-DR	gtsv		qmrsv				0			
LD-BR-RD-UL	gtod		qmsa				0		0	
LD-BR-RD-UB	gtoa		qmsb				0			
LD-BR-RD-UR	gtob		qmsc				0			
LD-BR-RD-LU	gtoe		qmse				0		0	
LD-BR-RD-BU	gtoq		qmsf				0			
LD-BR-RD-RU	gtom		qmsg				0			
LD-BR-RD-FU	gtoi		qmsh				0			
LD-BR-RD-LF	gtof		qmsj				0			
LD-BR-RD-BL	gtor		qmsl				0		0	
LD-BR-RD-RB	gton		qmsn				0			
LD-BR-RD-RF	gtop		qmso				0			
LD-BR-RD-BD	gtos		qmsr				0			
LD-BR-RD-DB	gtow		qmsu				0			
LD-BR-DB-UB	gtwa		qmub				0			
LD-BR-DB-DF	gtwu		qmud				0			
LD-BR-DB-LU	gtwe		qmue				0			
LD-BR-DB-FU	gtwi		qmuh				0			
LD-BR-DB-LF	gtwf		qmuj				0			
LD-BR-DB-BL	gtwr		qmul				0			C
LD-BR-DB-FR	gtwj		qmup				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BR-DB-DR	gtwv	qmuv	javt esdw bk	R U F S' D' S D F' U' R'		10			
	LD-BR-DB-FD	gtwk	qmux	jdme nk	R D M D' M' R'		6			
	LD-BR-DR-UL	gtvd	qmva	svgp kqgt ijw	f L E R' E' L S' L2 R F'		11			
	LD-BR-DR-UB	gtva	qmvb				0			
	LD-BR-DR-UR	gtvb	qmvc	kcjs kbkt jbj	R' U2 R S R' U' R' S' R U' R		11			
	LD-BR-DR-DF	gtvu	qmvd				0			
	LD-BR-DR-FL	gtvl	qmvi				0			
	LD-BR-DR-LF	gtvf	qmvj				0			
	LD-BR-DR-LB	gtvh	qmvk				0			
	LD-BR-DR-FR	gtvj	qmvp				0		0	
	LD-RB-UL-UB	gnda	qnab				0			
	LD-RB-UL-UR	gndb	qnac				0			
	LD-RB-UL-DF	gndu	qnad				0			
	LD-RB-UL-BU	gndq	qnaf				0			
	LD-RB-UL-FL	gndl	qnai	smkb wmvn anjt	S M R' U' F' M F M' U r S'		12			
	LD-RB-UL-LF	gndf	qnaj	vktj ajsk bw	F R' S' R U R S R' U' F'		10			
	LD-RB-UL-LB	gndh	qnak				0			
	LD-RB-UL-BL	gntr	qnal				0		A	
	LD-RB-UL-RF	gndp	qnao				0		L	
	LD-RB-UL-FR	gndj	qnap				0			
	LD-RB-UL-BD	gnds	qnar				0			
	LD-RB-UL-RD	gndo	qnas				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	LD-RB-UL-DR	gndv	qnav					0		
	LD-RB-UB-UL	gnad	qnba	vbkt jajs kw	F U' R' S' R U R S R' F'		10		A	
	LD-RB-UB-UR	gnab	qnbc				0			
	LD-RB-UB-DF	gnau	qnbd				0			
	LD-RB-UB-LU	gnae	qnbe				0			
	LD-RB-UB-RU	gnam	qnbg	jaks ksju jbk	R U R' S R' S R S2 R U' R'		11		A	
	LD-RB-UB-FL	gnal	qnbi				0			
	LD-RB-UB-LF	gnaf	qnbj				0			
	LD-RB-UB-LB	gnah	qnbk	njau amck vrw	r U S2 U M U2 R' F E2 F'		11			
	LD-RB-UB-BL	gnar	qnbl				0			
	LD-RB-UB-RF	gnap	qnbo				0			
	LD-RB-UB-FR	gnaj	qnbp	bjtl ujcj tkb	U' R S' R2 S2 R U2 R S' R' U'		11			
	LD-RB-UB-BD	gnas	qnbr				0		A	
	LD-RB-UB-DB	gnaw	qnbu				0			
	LD-RB-UR-UL	gnbd	qnca				0		O	
	LD-RB-UR-UB	gnba	qncb				0		A	
	LD-RB-UR-DF	gnbu	qncd				0			
	LD-RB-UR-LU	gnbe	qnce				0			
	LD-RB-UR-BU	gnbq	qncf				0			
	LD-RB-UR-FU	gnbi	qnch				0		A	
	LD-RB-UR-LF	gnbf	qncj				0			
	LD-RB-UR-LB	gnbh	qnck				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RB-UR-BL	gnbr	qncl				0			P
	LD-RB-UR-RF	gnbp	qnco				0			
	LD-RB-UR-FR	gnbj	qncp				0			
	LD-RB-UR-RD	gnbo	qncs				0			
	LD-RB-UR-DR	gnbv	qncv				0			
	LD-RB-DF-UL	gnud	qnda				0			O
	LD-RB-DF-UB	gnua	qndb				0			A
	LD-RB-DF-UR	gnub	qndc				0			
	LD-RB-DF-LU	gnue	qnde				0			
	LD-RB-DF-RU	gnum	qndg				0			
	LD-RB-DF-FL	gnul	qndi				0			
	LD-RB-DF-LF	gnuf	qndj	kdjq wpvk ej	R' D R E' F' E F R' D' R		10			
	LD-RB-DF-LB	gnuh	qndk				0			
	LD-RB-DF-BL	gnur	qndl				0			
	LD-RB-DF-RF	gnup	qndo				0			
	LD-RB-DF-FR	gnuj	qndp				0			
	LD-RB-DF-BD	gnus	qndr				0			
	LD-RB-DF-RD	gnuo	qnds				0			
	LD-RB-DF-DB	gnuw	qndu				0			
	LD-RB-DF-DR	gnuv	qndv				0			
	LD-RB-LU-UB	gneb	qneb	jcsf bsfs bsk	R U2 S D2 U' S D2 S U' S R'		11			
	LD-RB-LU-UR	gneb	q nec	sbtg phah qg	S U' S' L E L' U L' E' L		10			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RB-LU-DF	gneu	qned	wpip grgv	F' E L2 E L E2 L F		8			A
	LD-RB-LU-BU	gneq	qnef	qjcs btb kp	E' R U2 S U' S' U' R' E		9			
	LD-RB-LU-RU	gnem	qneg	tvlt kukw	S' F R2 S' R' S2 R' F'		8			
	LD-RB-LU-FU	gnei	qneh				0			
	LD-RB-LU-FL	gnel	qnei	mxgp hvhq gvn	M F2 L E L' F L' E' L F M'		11			
	LD-RB-LU-LF	gnef	qnej	gphq wphq gv	L E L' E' F' E L' E' L F		10			
	LD-RB-LU-LB	gneh	qnek	vjuh titk hw	F R S2 L' S' L2 S' R' L' F'		10			
	LD-RB-LU-BL	gner	qnel	wrhp gpgq hpv	F' E2 L' E L E L E' L' E F		11			
	LD-RB-LU-RF	gnep	qneo	ksat cta sj	R' S U S' U2 S' U S R		9			
	LD-RB-LU-FR	gnej	qnep	jshb htga gk	R S L' U' L' S' L U L R'		10			
	LD-RB-LU-BD	gnes	qner	ksat aman aj	R' S U S' U M U M' U R		10			P
	LD-RB-LU-RD	gneo	qnes	uwjs pkq sv	S2 F' R S E R' E' f		9			
	LD-RB-LU-DB	gnew	qneu	dwqg qhr ve	D F' E' L E' L' E2 F D'		9			
	LD-RB-LU-DR	gnev	qnev	wpgs gtqq gv	F' E L S L S' L E' L F		10			
	LD-RB-BU-UL	gnqd	qnfq				0			
	LD-RB-BU-UR	gnqb	qnfq				0			
	LD-RB-BU-DF	gnqu	qnfq				0			
	LD-RB-BU-LU	gnqe	qnfq				0			A
	LD-RB-BU-RU	gnqm	qnfq				0			
	LD-RB-BU-FU	gnqi	qnfq				0			
	LD-RB-BU-FL	gnql	qnfq				0			
	LD-RB-BU-LF	gnqf	qnfq				0			A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RB-BU-LB	gnqh	qnfk				0			A
	LD-RB-BU-BL	gnqr	qnfl				0			
	LD-RB-BU-RF	gnqp	qnfo				0			
	LD-RB-BU-FR	gnqj	qnfp				0			
	LD-RB-BU-BD	gnqs	qnfr				0			
	LD-RB-BU-RD	gnqo	qnfs				0			A
	LD-RB-BU-DL	gnqx	qnft				0			
	LD-RB-BU-DB	gnqw	qnfu				0			A
	LD-RB-RU-UL	gnmd	qnga				0			
	LD-RB-RU-UB	gnma	qngb				0			
	LD-RB-RU-DF	gnmu	qngd	dwpj qkve	D F' E R E' R' F D'		8			P
	LD-RB-RU-LU	gnme	qnge				0			
	LD-RB-RU-FL	gnml	qngi				0			
	LD-RB-RU-LF	gnmf	qngj				0			
	LD-RB-RU-LB	gnmh	qngk				0			
	LD-RB-RU-BL	gnmr	qngl				0			P
	LD-RB-RU-FR	gnmj	qngp				0			
	LD-RB-FU-UL	gnid	qnha				0			
	LD-RB-FU-UR	gnib	qnhc				0			
	LD-RB-FU-BU	gniq	qnhf				0			
	LD-RB-FU-FL	gnil	qnhi				0			
	LD-RB-FU-LF	gnif	qnhj				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RB-FU-RF	gnip	qnho				0			
	LD-RB-FU-FR	gnij	qnhp				0			F
	LD-RB-FU-BD	gnis	qnhr				0			
	LD-RB-FU-RD	gnio	qnhs				0			
	LD-RB-FU-DL	gnix	qnht				0			
	LD-RB-FU-DB	gniw	qnhu				0			
	LD-RB-FU-DR	gniv	qnhv				0			A
	LD-RB-FL-UL	gnld	qnia				0			
	LD-RB-FL-UB	gnla	qnib				0			
	LD-RB-FL-UR	gnlb	qnic				0			
	LD-RB-FL-DF	gnlu	qnid				0			
	LD-RB-FL-LU	gnle	qnie	blev nwmd la		U' R2 D' F M' F' M D R2 U	10			
	LD-RB-FL-BU	gnlq	qnif				0			
	LD-RB-FL-RU	gnlm	qnig				0			
	LD-RB-FL-FU	gnli	qnih				0			
	LD-RB-FL-LB	gnlh	qnik				0			
	LD-RB-FL-BL	gnlr	qnil				0			
	LD-RB-FL-BR	gnlt	qnim				0			
	LD-RB-FL-RF	gnlp	qnio				0			
	LD-RB-FL-FR	gnlj	qnip				0			
	LD-RB-FL-BD	gnls	qnir				0			
	LD-RB-FL-RD	gnlo	qnis				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	D-RB-FL-DB	gnlw	qniu				0			F
	LD-RB-FL-DR	gnlv	qniv				0			
	LD-RB-LF-UL	gnfd	qnja				0			
	LD-RB-LF-UB	gnfa	qnjb				0			
	LD-RB-LF-UR	gnfb	qnjc				0			
	LD-RB-LF-DF	gnfu	qnjd				0			
	LD-RB-LF-LU	gnfe	qnje				0			
	LD-RB-LF-BU	gnfq	qnjf				0			
	LD-RB-LF-RU	gnfm	qnjg				0			
	LD-RB-LF-FU	gnfi	qnjh				0			
	LD-RB-LF-LB	gnfh	qnjk	piqi vktl skw	E L2 E' L2 F R' S' R2 S R' F'		11			A
	LD-RB-LF-BL	gnfr	qnjl				0			
	LD-RB-LF-RF	gnfp	qnjo				0			
	LD-RB-LF-FR	gnfj	qnjp				0			
	LD-RB-LF-BD	gnfs	qnjr				0			
	LD-RB-LF-RD	gnfo	qnjs				0			
	LD-RB-LF-DB	gnfw	qnju				0			
	LD-RB-LF-DR	gnfv	qnjv				0			
	LD-RB-LB-UL	gnhd	qnka	hahp gqhp qabg	L' U L' E L E' L' E L E' U' L		12			O
	LD-RB-LB-UB	gnha	qnkb				0			
	LD-RB-LB-UR	gnhb	qnkc				0			L
	LD-RB-LB-DF	gnhu	qnkd				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RB-LB-LU	gnhe	qnke				0			
	LD-RB-LB-BU	gnhq	qnkf				0			
	LD-RB-LB-RU	gnhm	qnkg				0			
	LD-RB-LB-FL	gnhl	qnki				0		0	
	LD-RB-LB-LF	gnhf	qnkj				0			
	LD-RB-LB-RF	gnhp	qnko				0			A
	LD-RB-LB-FR	gnhj	qnkp	wqxq wahr gb	F' E' F2 E' F' U L' E2 L U'		10			
	LD-RB-LB-BD	gnhs	qnkr				0			P
	LD-RB-LB-RD	gnho	qnks				0			
	LD-RB-LB-DR	gnhv	qnkv	jwbg uhsc sbvk	R F' U' L S2 L' S U2 S U' F R'		12			
	LD-RB-BL-UL	gnrd	qnla				0			
	LD-RB-BL-UB	gnra	qnlb				0			
	LD-RB-BL-DF	gnru	qnld				0			
	LD-RB-BL-LU	gnre	qnle	hbtg sphq ag	L' U' S' L S E L' u L		10			
	LD-RB-BL-BU	gnrq	qnlf				0			
	LD-RB-BL-FU	gnri	qnlh				0			
	LD-RB-BL-FL	gnrl	qnli				0			
	LD-RB-BL-LF	gnrf	qnlj				0			
	LD-RB-BL-FR	gnrj	qnlp				0			
	LD-RB-BL-BD	gnrs	qnlr				0			
	LD-RB-BL-RD	gnro	qnls				0			A
	LD-RB-BL-DB	gnrw	qnlu				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-RB-BL-DR	gnrv		qnlv				0			F
LD-RB-RF-UL	gnpd		qnoa				0			
LD-RB-RF-UB	gnpa		qnob				0			
LD-RB-RF-UR	gnpb		qnoc				0			O
LD-RB-RF-DF	gnpu		qnod				0			
LD-RB-RF-FU	gnpi		qnoh				0			
LD-RB-RF-LF	gnpf		qnoj				0			P
LD-RB-RF-LB	gnph		qnok				0			
LD-RB-RF-BD	gnps		qnor				0			
LD-RB-RF-RD	gnpo		qnos				0			
LD-RB-RF-DL	gnpx		qnot				0			
LD-RB-FR-UL	gnjd		qnpa				0			
LD-RB-FR-UB	gnja		qnpb				0			O
LD-RB-FR-UR	gnjb		qnpc				0			A
LD-RB-FR-LU	gnje		qnpe				0			
LD-RB-FR-BU	gnjq		qnpf				0			
LD-RB-FR-RU	gnjm		qnpq				0			
LD-RB-FR-FU	gnji		qnph				0			P
LD-RB-FR-FL	gnjl		qnpi				0			F
LD-RB-FR-LF	gnjf		qnpj				0			
LD-RB-FR-LB	gnjh		qnpk				0			
LD-RB-FR-BR	gnjt		qnpm				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RB-FR-BD	gnjs	qnpr				0			
	LD-RB-FR-RD	gnjo	qnps				0			
	LD-RB-FR-DB	gnjw	qnpu				0			
	LD-RB-FR-DR	gnjv	qnpv				0			
	LD-RB-BD-UR	gnsb	qnrc				0			
	LD-RB-BD-RU	gnsm	qnrg				0			P
	LD-RB-BD-FL	gnsl	qnri				0			
	LD-RB-BD-LF	gnsf	qnrij				0			
	LD-RB-BD-LB	gnsh	qnrk				0			
	LD-RB-BD-RF	gnsp	qnro				0			
	LD-RB-BD-RD	gnso	qnrs				0			
	LD-RB-RD-UL	gnod	qnsa	bsal tkas bkt	U' S U R2 S' R' U S U' R' S'		11			
	LD-RB-RD-UB	gnoa	qnsb	qaku ksjs jbp	u R' S2 R' S R S R u'		11			
	LD-RB-RD-UR	gnob	qnscc	ajcs btbs kbt	U R U2 S U' S' U' S R' U' S'		11			
	LD-RB-RD-DF	gnou	qnsd				0			
	LD-RB-RD-LU	gnoe	qnse	wpsh tqgv	F' E S L' S' E' L F		8			
	LD-RB-RD-BU	gnoq	qnsf	skbs btc jt	S R' U' S U' S' U2 R S'		9			
	LD-RB-RD-RU	gnom	qnsq	vcku kslc sw	F U2 R' S2 R' S R2 U2 S F'		10			
	LD-RB-RD-FL	gnol	qnsi	vaku jcsc sbw	F U R' S2 R U2 S U2 S U' F'		11			
	LD-RB-RD-LF	gnof	qnsj	rnah psgs bpm	E2 M' U L' E S L S u' M		11			
	LD-RB-RD-LB	gnoh	qnsk	wtlq krkq sv	f' R2 E' R' E2 R' E' f		10			
	LD-RB-RD-BL	gnor	qnsl	vktk qjpk siw	F R' S' R' E' R E R' S R2 F'		11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RB-RD-RF	gnop	qnsos	kwtp kqsj vj	R' f' E R' E' S R F R		10			
	LD-RB-RD-FR	gnoj	qnsps	wasp hqtg bv	F' U S E L' E' S' L U' F		10			
	LD-RB-RD-BD	gnos	qnsrs	jske tfsj tmk en	R S R' D' S' D2 S R S' r' D' M'		13			
	LD-RB-RD-DB	gnow	qnsus	cmbj slsj uanc	U2 M U' R S R2 S R S2 U M' U2		12			
	LD-RB-DL-FL	gnxl	qnti				0			
	LD-RB-DL-LF	gnxf	qntj				0			
	LD-RB-DL-FR	gnxj	qntp				0			
	LD-RB-DB-UB	gnwa	qnub				0			
	LD-RB-DB-UR	gnwb	qnuc				0			
	LD-RB-DB-DF	gnwu	qnud				0			
	LD-RB-DB-LU	gnwe	qnue				0			
	LD-RB-DB-FL	gnwl	qnui				0			
	LD-RB-DB-LF	gnwf	qnuj				0			
	D-RB-DB-LB	gnwh	qnuk				0			A
	LD-RB-DB-BL	gnwr	qnul				0			
	LD-RB-DB-RF	gnwp	qnuo				0			
	LD-RB-DB-FR	gnwj	qnup				0			A
	LD-RB-DB-RD	gnwo	qnus				0			
	LD-RB-DB-DR	gnvv	qnuv				0			
	LD-RB-DR-UL	gnvd	qnva	vlcj tkck skw	F R2 U2 R S' R' U2 R' S R' F'		11			
	LD-RB-DR-UR	gnvb	qnvc				0			
	LD-RB-DR-BU	gnvq	qnvf				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RB-DR-RU	gnvm	qnvg				0			
	LD-RB-DR-FL	gnvl	qnvi				0			
	LD-RB-DR-LF	gnvf	qnvj				0			
	LD-RB-DR-LB	gnvh	qnvk				0		A	
	LD-RB-DR-FR	gnvj	qnvp				0			
	LD-RB-DR-DB	gnvw	qnvu				0			
	LD-RF-UL-UB	gpda	qoab				0			
	LD-RF-UL-DF	gpdu	qoad				0			
	LD-RF-UL-BU	gpdq	qoaf				0			
	LD-RF-UL-FU	gpdi	qoah				0			
	LD-RF-UL-FL	gpdl	qoai	pjdn bnao ekq	E R D M' U' M' U M2 D' R' E'		11			
	LD-RF-UL-LF	gpdf	qoaj	djvk bwbk djcf	D R F R' U' F' U' R' D R U2 D2		12			
	LD-RF-UL-LB	gpdh	qoak				0			
	LD-RF-UL-BL	gpdr	qoal	bvib mvnw aiwa	U' F L2 U' M F M' F' U L2 F' U		12		L	
	LD-RF-UL-BR	gpdt	qoam				0			
	LD-RF-UL-RB	gpdn	qoan				0			
	LD-RF-UL-BD	gpds	qoar				0			
	LD-RF-UL-RD	gpdo	qoas				0		L	
	LD-RF-UL-DB	gpdw	qoau				0			
	LD-RF-UL-DR	gpdv	qoav				0			
	LD-RF-UB-UL	gpad	qoba	bjta jajb kbsk	U' R S' U R U R U' R' U' S R'		12		O	
	LD-RF-UB-UR	gpab	qobc	lbfs ajat bkfl	R2 U' D2 S U R U S' U' R' D2 R2		12			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	LD-RF-UB-DF	gpau	qobd					0		
	LD-RF-UB-LU	gpae	qobe	ksla ubsk	R' S R2 U S2 U' S R'			8		
	LD-RF-UB-RU	gpam	qobg	cksl buas kc	U2 R' S R2 U' S2 U S R' U2			10		
	LD-RF-UB-FL	gpal	qobi	kths isau bhsj	R' S' L' S L2 S U S2 U' L' S R			12		
	LD-RF-UB-LF	gpaf	qobj	kakr hpgp jbj	R' U R' E2 L' E L E R U' R			11		
	LD-RF-UB-LB	gpaah	qobk	rtas jqtk bsq	E2 S' U S R E' S' R' U' S E'			11		
	LD-RF-UB-BL	gpar	qobl	cwbh thsi avc	U2 F' U' L' S' L' S L2 U F U2			11		
	LD-RF-UB-BR	gpat	qobm	bjrt kcjt kb	U' R E2 S' E2 R' U2 R S' R' U'			10		
	LD-RF-UB-RB	gpan	qobn	ksau ascj	R' S U S2 U S U2 R			8		
	LD-RF-UB-BD	gpas	qobr	kuds bota	R' S2 D S U' M2 S' U M2 D' R			8		
	LD-RF-UB-RD	gpaoo	qobs	kaks ksju jbj	R' U R' S R' S R S2 R U' R			11		
	LD-RF-UB-DL	gpax	qobt					0		0
	LD-RF-UB-DB	gpaw	qobu	megr hemf grh	M D' L E2 L' D' M D2 L E2 L'			11		
	LD-RF-UB-DR	gpav	qobv	bfsa katb jf	U' D2 S U R' U S' U' R D2			10		
	LD-RF-UR-UL	gpbd	qoca					0		
	LD-RF-UR-UB	gpba	qocb					0		
	LD-RF-UR-LU	gpbe	qoce					0		
	LD-RF-UR-BU	gpbq	qocf					0		
	LD-RF-UR-FU	gpbi	qoch					0		
	LD-RF-UR-FL	gpbl	qoci					0		
	LD-RF-UR-LF	gpbf	qocj					0		
	LD-RF-UR-LB	gpbh	qock					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RF-UR-BR	gpbt	qocm				0			A
	LD-RF-UR-RB	gpbn	qocn				0			
	LD-RF-UR-BD	gpbs	qocr				0			
	LD-RF-UR-RD	gpbo	qocs				0			
	LD-RF-UR-DB	gpbw	qociu				0			
	LD-RF-UR-DR	gpbv	qocv				0			
	LD-RF-DF-BU	gpuq	qodf				0			
	LD-RF-DF-LF	gpuuf	qodj				0			
	LD-RF-DF-LB	gpuuh	qodk				0			
	LD-RF-DF-BR	gput	qodm				0			
	LD-RF-DF-RD	gpuo	qods				0			
	LD-RF-LU-UB	gpea	qoeb				0			
	LD-RF-LU-UR	gpeb	qoec				0			
	LD-RF-LU-DF	gpeu	qoed				0			A
	LD-RF-LU-BU	gpeq	qoef				0			
	LD-RF-LU-RU	gpem	qoeg				0			
	LD-RF-LU-FL	gpel	qoei				0			
	LD-RF-LU-LF	gpef	qoej	cwna msbv tc	U2 F' M' U M S U' F S' U2		10			
	LD-RF-LU-LB	gpeh	qoek				0			
	LD-RF-LU-BL	gper	qoel				0			
	LD-RF-LU-BR	gpet	qoem				0			
	LD-RF-LU-RB	gpen	qoen				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RF-LU-BD	gpes	qoer				0			
	LD-RF-LU-RD	gpeo	qoes				0			
	LD-RF-LU-DB	gpew	qoeu				0			
	LD-RF-LU-DR	gpev	qoev				0			
	LD-RF-BU-RU	gpqm	qofg				0			
	LD-RF-BU-FU	gpqi	qofh				0			
	LD-RF-BU-BL	gpqr	qofl				0			
	LD-RF-BU-BR	gpqt	qofm				0		L	
	LD-RF-BU-BD	gpqs	qofr				0			
	LD-RF-BU-RD	gpqo	qofs				0			
	LD-RF-BU-DB	gpqw	qofu				0			
	LD-RF-BU-DR	gpqv	qofv				0			
	LD-RF-RU-UL	gpmid	qoga				0		O	
	LD-RF-RU-UB	gpma	qogb				0			
	LD-RF-RU-DF	gpmu	qogd				0			
	LD-RF-RU-LU	gpmee	qoge				0		P	
	LD-RF-RU-BU	gpmq	qogf				0		P	
	LD-RF-RU-FL	gpml	qogi				0		P	
	LD-RF-RU-LF	gpmf	qogj				0			
	LD-RF-RU-BR	gpmt	qogm	qkdx nwmw ejp	E' R' D F2 M' F' M F' D' R E		11		O	
	LD-RF-RU-RB	gpmn	qogn				0			
	LD-RF-RU-BD	gpms	qogr				0		P	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	LD-RF-RU-RD	gpmo	qogs					0		
	LD-RF-RU-DB	gpmw	qogu					0		
	LD-RF-RU-DR	gpmv	qogv					0		
	LD-RF-FU-UL	gpid	qoha					0		
	LD-RF-FU-UB	gpia	qohb					0		
	LD-RF-FU-UR	gpib	qohc					0		
	LD-RF-FU-LU	gpie	qohe					0		
	LD-RF-FU-LF	gpif	qohj					0		
	LD-RF-FU-RD	gpio	qohs					0		
	LD-RF-FU-DB	gpiw	qohu					0		
	LD-RF-FU-DR	gpiw	qohv					0		
	LD-RF-FL-UL	gpld	qoia					0		
	LD-RF-FL-DF	gplu	qoid					0		
	LD-RF-FL-LU	gple	qoie					0		P
	LD-RF-FL-BU	gplq	qoif					0		
	LD-RF-FL-FU	gpli	qoih					0		
	LD-RF-FL-LB	gplh	qoik					0		A
	LD-RF-FL-BR	gplt	qoim					0		
	LD-RF-FL-RB	gpln	qoin					0		
	LD-RF-FL-BD	gpls	qoir					0		A
	LD-RF-FL-RD	gpol	qois					0		
	LD-RF-FL-DB	gplw	qoui	wpmk dnej qv	F' E r' D M' D' R E' F			10		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-RF-FL-DR	gplv		qoiv				0			
LD-RF-LF-UL	gpfdf		qoja				0			
LD-RF-LF-UR	gpfb		qojc				0			A
LD-RF-LF-DF	gpfu		qojd				0			
LD-RF-LF-LU	gpfe		qoje				0			
LD-RF-LF-BU	gpfq		qojf				0			
LD-RF-LF-FU	gpfi		qojh				0			
LD-RF-LF-BL	gpfr		qojl				0			
LD-RF-LF-BR	gpft		qojm				0			
LD-RF-LF-RB	gpfn		qojn				0			A
LD-RF-LF-BD	gpfs		qojr				0			
LD-RF-LF-RD	gpfo		qojs				0			
LD-RF-LF-DB	gpfw		qoju				0			
LD-RF-LF-DR	gpfv		qojv				0			A
LD-RF-LB-UL	gphd		qoka				0			
LD-RF-LB-UB	gpha		qokb				0			
LD-RF-LB-UR	gphb		qokc				0			
LD-RF-LB-DF	gphu		qokd				0			
LD-RF-LB-LU	gphe		qoke				0			
LD-RF-LB-BU	gphq		qokf				0			
LD-RF-LB-RU	gphm		qokg				0			
LD-RF-LB-FL	gphl		qoki				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RF-LB-LF	gphf	qokj				0			
	LD-RF-LB-BR	gphf	qokm				0			
	LD-RF-LB-BD	gphs	qokr				0			
	LD-RF-LB-RD	gpho	qoks				0			
	LD-RF-LB-DL	gphx	qokt				0			
	LD-RF-LB-DB	gphw	qoku				0			
	LD-RF-LB-DR	gphv	qokv	wahf shtg fgbv	F' U L' D2 S L' S' L D2 L U' F		12			
	LD-RF-BL-UL	gprd	qola				0			
	LD-RF-BL-UB	gpra	qolb				0			
	LD-RF-BL-UR	gprb	qolc				0			
	LD-RF-BL-DF	gpru	qold				0			
	LD-RF-BL-LU	gpre	qole				0			
	LD-RF-BL-BU	gprq	qolf				0			
	LD-RF-BL-RU	gprm	qolg				0		0	
	LD-RF-BL-FU	gpri	qolh				0			
	LD-RF-BL-FL	gpri	qoli				0			
	LD-RF-BL-LF	gprf	qolj				0			
	LD-RF-BL-BR	gpri	qolm				0			
	LD-RF-BL-RD	gpro	qols				0			
	LD-RF-BL-DB	gprw	qolu				0			
	LD-RF-BL-DR	gprv	qolv				0		A	
	LD-RF-BR-UL	gptd	qoma				0		A	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		P
LD-RF-BR-UB	gpta	qomb					0			
LD-RF-BR-UR	gptb	qomc					0			
LD-RF-BR-DF	gptu	qomd					0			
LD-RF-BR-LU	gpte	qome					0		F	
LD-RF-BR-BU	gptq	qomf					0			
LD-RF-BR-RU	gptm	qomg					0			
LD-RF-BR-FU	gpti	qomh					0			
LD-RF-BR-FL	gptl	qomi					0			
	LD-RF-BR-LF	gptf	qomj	dlqw pyle	D R2 E' F' E F R2 D'		8			
	LD-RF-BR-LB	gpth	qomk				0			
	LD-RF-BR-BL	gptr	qoml				0			
	LD-RF-BR-RB	gptn	qomn				0		L	
	LD-RF-BR-BD	gpts	qomr				0			
	LD-RF-BR-RD	gpto	qoms				0			
	LD-RF-BR-DB	gptw	qomu				0		P	
	LD-RF-BR-DR	gptv	qomv				0		A	
	LD-RF-RB-UR	gpnb	qonc				0			
	LD-RF-RB-DF	gpnu	qond				0			
	LD-RF-RB-LU	gpne	qone				0			
	LD-RF-RB-BU	gpnq	qonf				0			
	LD-RF-RB-RU	gpnm	qong				0			
	LD-RF-RB-FU	ggni	qonh				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RF-RB-LF	gpnf	qonj				0			
	LD-RF-RB-LB	gpnh	qonk				0			
	LD-RF-RB-BL	gpnr	qonl				0			
	LD-RF-RB-RD	gpno	qons				0			
	LD-RF-RB-DB	gpnw	qonu				0			
	LD-RF-RB-DR	gpnv	qonv				0			
	LD-RF-FR-UB	gpja	qopb				0			
	LD-RF-FR-BL	gpjr	qopl				0			
	LD-RF-BD-UL	gpsd	qora				0		0	
	LD-RF-BD-UR	gpsb	qorc				0			
	LD-RF-BD-DF	gpsu	qord				0			
	LD-RF-BD-RU	gpsm	qorg				0			
	LD-RF-BD-FL	gpsl	qori				0			
	LD-RF-BD-LB	gpsh	qork				0		c	
	LD-RF-BD-BL	gpsr	qorl				0			
	LD-RF-BD-RB	gpsn	qorn				0			
	LD-RF-BD-FR	gpsj	qorp				0			
	LD-RF-BD-RD	gpso	qors				0		0	
	LD-RF-BD-DL	gpsx	qort				0			
	LD-RF-RD-UL	gpod	qosa				0			
	LD-RF-RD-UR	gpob	qosc	tksk aujs ksb	S' R' S R U S2 R S R' S U'		11			
	LD-RF-RD-LU	gpoe	qose				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-RF-RD-RU	gpom	qosg					0			
LD-RF-RD-FU	gpoi	qosh					0		L	
LD-RF-RD-LF	gpof	qosj					0			
LD-RF-RD-LB	gpoх	qosk					0			
LD-RF-RD-BL	gpor	qosl					0			
LD-RF-RD-BR	gpot	qosm					0			
LD-RF-RD-RB	gpon	qosn					0		O	
LD-RF-RD-BD	gpos	qosr					0			
LD-RF-RD-DB	gpow	qosu					0			
LD-RF-DL-DF	gpxu	qotd					0		O	
LD-RF-DB-UB	gpwa	qoub					0			
LD-RF-DB-BU	gpwq	qouf					0			
LD-RF-DB-FL	gpwl	oui					0			
LD-RF-DB-LF	gpwf	ouuj					0			
LD-RF-DB-LB	gpwh	ouuk					0		A	
LD-RF-DB-BL	gpwr	ouul					0			
LD-RF-DB-BR	gpwt	ouum					0			
LD-RF-DB-RB	gpwn	oun					0		A	
LD-RF-DB-FR	gpwj	ouup					0			
LD-RF-DB-RD	gpwo	ous					0			
LD-RF-DB-DR	gpvv	ouuv					0			
LD-RF-DR-UL	gpvd	ova					0		L	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RF-DR-UB	gpva	qovb				0		L	
	LD-RF-DR-UR	gpvb	qovc				0			
	LD-RF-DR-DF	gpvu	qovd				0		L	
	LD-RF-DR-LU	gpve	qove				0		A	
	LD-RF-DR-RU	gpvm	qovg				0			
	LD-RF-DR-FU	gpvi	qovh				0			
	LD-RF-DR-FL	gpvl	qovi				0			
	LD-RF-DR-LF	gpvf	qovj				0			
	LD-RF-DR-LB	gpvh	qovk				0			
	LD-RF-DR-BR	gpvt	qovm				0			
	LD-RF-DR-BD	gpvs	qovr				0			
	LD-FR-UL-UB	gjda	qpab				0			
	LD-FR-UL-UR	gjdb	qpac				0			
	LD-FR-UL-DF	gjdu	qpad				0			
	LD-FR-UL-BU	gjdq	qpaf				0		P	
	LD-FR-UL-RU	gjdm	qpag				0			
	LD-FR-UL-FU	gjdi	qpah				0		A	
	LD-FR-UL-FL	gjdl	qpai				0			
	LD-FR-UL-LF	gjdf	qpaj				0		A	
	LD-FR-UL-LB	gjdh	qpak	dcwn ameg sbtc	D U2 F' M' U M D' L S U' S' U2		12		O	
	LD-FR-UL-BL	gjdr	qpal				0		P	
	LD-FR-UL-BR	gjdt	qpam	ktbl bsal aj	R' S' U' R2 U' S U R2 U R		10		A	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-FR-UL-RB	gjdn	qpan				0		0	
	LD-FR-UL-BD	gjds	qpar				0		0	
	LD-FR-UL-RD	gjdo	qpas				0		0	
	LD-FR-UL-DL	gjdx	qpat				0		0	
	LD-FR-UL-DB	gjdw	qpaau				0		A	
	LD-FR-UB-UL	gjad	qpba	kbta tasb sj	R' U' S' U S' U S U' S R		10		A	
	LD-FR-UB-UR	gjab	qpbc				0			
	LD-FR-UB-DF	gjau	qpbd				0		A	
	LD-FR-UB-LU	gjae	qpbe				0			
	LD-FR-UB-RU	gjam	qpbg				0		0	
	LD-FR-UB-FU	gjai	qpbh				0			
	LD-FR-UB-FL	gjal	qpbi				0			
	LD-FR-UB-LF	gjaf	qpbj				0		P	
	LD-FR-UB-RB	gjan	qpbn				0			
	LD-FR-UB-BD	gjas	qpbr				0		A	
	LD-FR-UB-DB	gjaw	qpbu				0			
	LD-FR-UB-DR	gjav	qpbv				0			
	LD-FR-UR-UL	gjbd	qpcia				0			
	LD-FR-UR-UB	gjba	qpcb				0			
	LD-FR-UR-DF	gjbu	qpcd				0		0	
	LD-FR-UR-LU	gjbe	qpcce				0			
	LD-FR-UR-BU	gjbq	qpcf				0		F	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-FR-UR-FU	gjbi		qpch					0		
LD-FR-UR-FL	gjbl		qpci					0		
LD-FR-UR-LF	gjbf		qpcj					0		
LD-FR-UR-LB	gjbh		qpck					0		A
LD-FR-UR-BL	gjbr		qpcl					0		
LD-FR-UR-BR	gjbt		qpcm					0		P
LD-FR-UR-RB	gjbn		qpcn					0		A
LD-FR-UR-BD	gjbs		qpcr					0		
LD-FR-UR-RD	gjbo		qpcs					0		
LD-FR-UR-DL	gjbx		qpct					0		
LD-FR-UR-DB	gjbw		qpcu					0		
LD-FR-UR-DR	gjbv		qpcv					0		A
LD-FR-DF-UL	gjud		qpda					0		
LD-FR-DF-UB	gjua		qpdb					0		
LD-FR-DF-UR	gjub		qpdc					0		
LD-FR-DF-BU	gjuq		qpdf					0		
LD-FR-DF-RU	gjum		qpdg					0		P
LD-FR-DF-FL	gjul		qpdi					0		
LD-FR-DF-LF	gjuf		qpdj					0		
LD-FR-DF-BL	gjur		qpdl					0		A
LD-FR-DF-BR	gjut		qpdm					0		P
LD-FR-DF-RB	gjun		qpdn					0		A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-FR-DF-RD	gjuo	qpds				0			P
	LD-FR-DF-DB	gjuw	qpdu				0			
	LD-FR-DF-DR	gjuv	qpdv				0			
	LD-FR-LU-UB	gjea	qpeb				0			
	LD-FR-LU-UR	gjeb	qpec				0			
	LD-FR-LU-BU	gjeq	qpef				0			
	LD-FR-LU-RU	gjem	qpeg	jaka sbtj bk	R U R' U S U' S' R U' R'		10			
	LD-FR-LU-FU	gjei	qpeh				0			
	LD-FR-LU-FL	gjel	qpei				0		L	
	LD-FR-LU-LF	gjef	qpej				0			
	LD-FR-LU-LB	gjeh	qpek				0		O	
	LD-FR-LU-BL	gjer	qpel				0			
	LD-FR-LU-BR	gjet	qpem				0			
	LD-FR-LU-RB	gjen	qpen				0		O	
	LD-FR-LU-RF	gjep	qpeo				0			
	LD-FR-LU-BD	gjes	qper				0		P	
	LD-FR-LU-RD	ggeo	qpes				0			
	LD-FR-LU-DB	gjew	qpeu				0			
	LD-FR-LU-DR	gjev	qpev				0		A	
	LD-FR-BU-UL	gjqd	qpfa				0		A	
	LD-FR-BU-UR	gjqb	qpfc				0			
	LD-FR-BU-DF	gjqu	qpfd				0		O	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-FR-BU-LU	gjqe	qpfe				0			F
	LD-FR-BU-RU	gjqm	qpfg				0			C
	LD-FR-BU-FU	gjqi	qpfh				0			A
	LD-FR-BU-FL	gjql	qpfi				0			
	LD-FR-BU-LF	gjqf	qpfj	dbjs ktkb ncm ev	D U' R S R' S' R' U' M' U2 M D' F		13			
	LD-FR-BU-LB	gjqh	qpfk				0			A
	LD-FR-BU-BR	gjqt	qpfm				0			
	LD-FR-BU-RB	gjqn	qpfn				0			F
	LD-FR-BU-BD	gjqs	qpfr				0			O
	LD-FR-BU-RD	gjqa	qpfs				0			
	LD-FR-BU-DB	gjqw	qpfu				0			A
	LD-FR-RU-UL	gjmd	qpga				0			A
	LD-FR-RU-UB	gjma	qpgb				0			A
	LD-FR-RU-DF	gjmu	qpgd				0			A
	LD-FR-RU-LU	gjme	qpgc				0			
	LD-FR-RU-BU	gjmq	qpgf				0			A
	LD-FR-RU-FU	gjmi	qpgh				0			
	LD-FR-RU-FL	gjml	qpgi				0			
	LD-FR-RU-LF	gjmf	qpgj				0			
	LD-FR-RU-LB	gjmh	qpgk				0			
	LD-FR-RU-BR	gjmt	qpgm	ajtb sbsa takb	U R S' U' S U' S U S' U R' U'		12			
	LD-FR-RU-RB	gjmn	qpgn				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-FR-RU-BD	gjms	qpgr				0			
	LD-FR-RU-RD	gjmo	qpgs				0			
	LD-FR-RU-DL	gjmx	qpgt				0			
	LD-FR-RU-DB	gjmw	qpgu				0			
	LD-FR-RU-DR	gjmv	qpgv				0			
	LD-FR-FU-UL	gjid	qpha				0			
	LD-FR-FU-UB	gjia	qphb				0			
	LD-FR-FU-LU	gjie	qphe				0			
	LD-FR-FU-BU	gjiq	qphf				0			
	LD-FR-FU-FL	gjil	qphi				0		A	
	LD-FR-FU-LF	gjif	qphj				0		O	
	LD-FR-FU-BL	gjir	qphl				0			
	LD-FR-FU-BR	gjit	qphm				0			
	LD-FR-FU-BD	gjis	qphr				0			
	LD-FR-FU-RD	gjio	qphs				0			
	LD-FR-FU-DB	gjiw	qphu				0		O	
	LD-FR-FU-DR	gjiv	qphv				0			
	LD-FR-FL-UL	gjld	qphia				0			
	LD-FR-FL-DF	gjlu	qpid				0			
	LD-FR-FL-LU	gjle	qpie	vaja snbm tkbw	F U R U S M' U' M S' R' U' F'		12		P	
	LD-FR-FL-BU	gjlq	qpif				0			
	LD-FR-FL-RU	gjlm	qpig				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-FR-FL-FU	gjli	aaaa	qpih					0		
LD-FR-FL-LB	gjlh	aaaa	qpih					0		
LD-FR-FL-BL	gjlr	aaaa	qpih					0		
LD-FR-FL-BR	gjlt	aaaa	qpih					0		
LD-FR-FL-RB	gjln	aaaa	qpih					0		
LD-FR-FL-BD	gjls	aaaa	qpir					0		
LD-FR-FL-RD	gjlo	aaaa	qpis					0		
LD-FR-FL-DB	gjlw	aaaa	qpiu					0		
LD-FR-FL-DR	gjlv	aaaa	qpix					0		
LD-FR-LF-UL	gfjd	aaaa	qpja					0		
LD-FR-LF-UB	gfja	aaaa	qpjb					0		
LD-FR-LF-UR	gfjb	aaaa	qpjc					0		
LD-FR-LF-DF	gfju	aaaa	qpjd					0		
LD-FR-LF-LU	gfje	aaaa	qpje					0		
LD-FR-LF-BU	gfjq	aaaa	qpjf					0		
LD-FR-LF-FU	gfji	aaaa	qpjh					0		
LD-FR-LF-BR	gfjt	aaaa	qpjm					0		
LD-FR-LF-RB	gfjn	aaaa	qpjn					0		
LD-FR-LF-BD	gfjs	aaaa	qpjr					0		
LD-FR-LF-RD	gfjo	aaaa	qpjs					0		
LD-FR-LF-DB	gfjw	aaaa	qpju					0		
LD-FR-LF-DR	gfjv	aaaa	qpjv					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-FR-LB-UL	gjhd	qpka				0			
	LD-FR-LB-LU	gjhe	qpke				0			
	LD-FR-LB-BU	gjhq	qpkf				0			
	LD-FR-LB-LF	gjhf	qpkj				0			
	LD-FR-LB-BR	gjht	qpkm				0			
	LD-FR-LB-RD	gjho	qpkns				0			
	LD-FR-LB-DB	gjhw	qpknu				0			
	LD-FR-BL-UL	gjrd	qpla				0			
	LD-FR-BL-UB	gjra	qplib				0			
	LD-FR-BL-UR	gjrb	qpllc				0			
	LD-FR-BL-DF	gjru	qpld				0			
	LD-FR-BL-LU	gjre	qple				0		0	
	LD-FR-BL-BU	gjrq	qplf				0			
	LD-FR-BL-FL	gjrl	qpli				0			
	LD-FR-BL-LF	gjrf	qplj				0		A	
	LD-FR-BL-BR	gjrt	qplm				0			
	LD-FR-BL-RB	gjrn	qpln				0			
	LD-FR-BL-RF	gjrp	qpolo				0			
	LD-FR-BL-BD	gjrs	qplr				0			
	LD-FR-BL-RD	gjro	qpls				0			
	LD-FR-BL-DB	gjrw	qplu				0		A	
	LD-FR-BL-DR	gjrv	qplv	btks ktks qlp ja	U' S' R' S R' S' R' S E' R2 E R U		13			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-FR-BR-UB	gjta	qpmb					0			
LD-FR-BR-UR	gjtb	qpmc					0		A	
LD-FR-BR-DF	gjtu	qpmd					0		A	
LD-FR-BR-LU	gjte	qpmf					0		A	
LD-FR-BR-BU	gjtq	qpmf					0			
LD-FR-BR-RU	gjtm	qpmg					0			
LD-FR-BR-FU	gjti	qpmh					0			
LD-FR-BR-FL	gjtl	qpmi					0		P	
LD-FR-BR-LF	gjtf	qpmj					0			
LD-FR-BR-BL	gjtr	qpmj					0			
LD-FR-BR-BD	gjts	qpmr					0			
LD-FR-BR-RD	gjto	qpmr					0			
LD-FR-BR-DB	gjtw	qpmu					0			
LD-FR-RB-UL	gjnd	qpna					0		A	
LD-FR-RB-UB	gjna	qpnb					0		A	
LD-FR-RB-UR	gjnq	qpnc					0			
LD-FR-RB-DF	gjnu	qpnd					0			
LD-FR-RB-LU	gjne	qpne					0			
LD-FR-RB-BU	gjnq	qpnf					0			
LD-FR-RB-RU	gjnm	qpng					0			
LD-FR-RB-FU	gjni	qpnh					0			
LD-FR-RB-FL	gjnl	qpnj					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-FR-RB-LF	gjnf	qpnj				0			
	LD-FR-RB-LB	gjnh	qpnk	hqah qgb rg	L' u L' E' L U' E2 L		9			
	LD-FR-RB-BL	gjnr	qpnl				0			
	LD-FR-RB-RF	gjnp	qpnno				0		L	
	LD-FR-RB-RD	gjno	qpnss	bktk sla	U' R' S' R' S R2 U		7			
	LD-FR-RB-DL	gjnx	qpnt				0			
	LD-FR-RB-DB	gjnw	qpnu				0			
	LD-FR-RB-DR	gjnv	qpnv				0			
	LD-FR-RF-DF	gjpu	qpod				0			
	LD-FR-RF-BU	gjpq	qpof				0			
	LD-FR-RF-RD	gjpo	qpos				0			
	LD-FR-BD-UL	gjsd	qpra				0			
	LD-FR-BD-UB	gjsa	qprb				0			
	LD-FR-BD-UR	gjsb	qprc				0			
	LD-FR-BD-LU	gjse	qpre				0			
	LD-FR-BD-BU	gjsq	qprf				0			
	LD-FR-BD-RU	gjsm	qprg				0			
	LD-FR-BD-FU	gjsi	qprh				0			
	LD-FR-BD-FL	gjsl	qpri				0		A	
	LD-FR-BD-LF	gjsf	qprj				0			
	LD-FR-BD-BL	gjsr	qprl				0		A	
	LD-FR-BD-RB	gjsn	qprn				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-FR-BD-RD	gjso	qprs				0			
	LD-FR-BD-DR	gjsv	qprv				0			
	LD-FR-RD-UL	gjod	qpsa	fksj fakt jb	D2 R' S R D2 U R' S' R U'		10			
	LD-FR-RD-UB	gjoa	qpsb	akuk sjs jb	U R' S2 R' S R S R U'		9			
	LD-FR-RD-UR	gjob	qpse	kauk sjs bj	R' U S2 R' S R S U' R		9			
	LD-FR-RD-DF	gjou	qpsd				0			
	LD-FR-RD-LU	gjoe	qpsc	spwp ksqj vq	S E F' E R' S E' R F E'		10			
	LD-FR-RD-BU	gjoq	qpsf	akuj csks ja	U R' S2 R U2 S R' S R U		10			
	LD-FR-RD-RU	gjom	qpsg	akuv ksjs wjb	U R' S2 F R' S R S F' R U'		11			
	LD-FR-RD-FU	gjoi	qphs				0			
	LD-FR-RD-FL	gjol	qpsi	akxu ksjs xjb	U R' f2 R' S R S F2 R U'		11		A	
	LD-FR-RD-LF	gjof	qpsj	amqn ktjc huga	U M E' M' R' S' R U2 L' S2 L U		12			
	LD-FR-RD-LB	gjoh	qpsk	alpl hpgc jrka	U R2 E R2 L' E L U2 R E2 R' U		12		0	
	LD-FR-RD-BL	gjor	qpsl	nqak ptjs bm	M' u R' E S' R S U' M		10			
	LD-FR-RD-BR	gjot	qpsm	nask ujcs am	M' U S R' S2 R U2 S U M		10			
	LD-FR-RD-RB	gjon	qpsn	akuk slck sja	U R' S2 R' S R2 U2 R' S R U		11		P	
	LD-FR-RD-RF	gjop	qpsos				0		L	
	LD-FR-RD-BD	gjos	qpsr	gxgt esdh xh	L F2 L S' D' S D L' F2 L'		10		L	
	LD-FR-RD-DB	gjow	qpsu	doag qheu hpgb	D M2 U L E' L' D' S2 L' E L U'		12			
	LD-FR-DL-LB	gjxh	qptk				0			
	LD-FR-DL-RF	gjxp	qpto				0			
	LD-FR-DB-UL	gjwd	qpuia	jbmb sbtb nk	R U' M U' S U' S' U' M' R'		10			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-FR-DB-UB	gjwa	qpub	akws esdw jb	U R' S' F D' S D F' R U'		10			
	LD-FR-DB-UR	gjwb	qpuс	katv esdw bj	R' U S' F D' S D F' U' R		10			
	LD-FR-DB-DF	gjwu	qpuđ				0			
	LD-FR-DB-LU	gjwe	qpuе	pksa tmbn jq	E R' S U S' M U' r E'		10			
	LD-FR-DB-BU	gjwq	qpuř	dsja nbmk te	D S R U M' U' r' S' D'		10			
	LD-FR-DB-RU	gjwm	qpuğ	kdhw nvjw mg	R' D L' F' M' F R F' I		10			
	LD-FR-DB-FU	gjwi	qpuh				0			
	LD-FR-DB-FL	gjwl	qpuí	phwn qvpm qq	E L' F' M' E' F E I E'		10			
	LD-FR-DB-LF	gjwf	qpuј	kdmf gdne hdr	R' D M D2 L D M' D' L' D R		11			
	LD-FR-DB-LB	gjwh	qpuկ	akpw tesd vqjb	U R' E f D' S D F E' R U'		12			
	LD-FR-DB-BL	gjwr	qpuլ	dwag qheg bp	D F' U L E' L' D' L u'		10			
	LD-FR-DB-BR	gjwt	qpuմ	skam tbsn jt	S R' U M S' U' S r S'		10			
	LD-FR-DB-RB	gjwn	qpuն	katx esdx bj	R' U S' F2 D' S D F2 U' R		10			
	LD-FR-DB-RF	gjwp	qpuօ				0			
	LD-FR-DB-RD	gjwo	qpuս	shpw qnvm gt	S L' E F' E' M' F I S'		10			
	LD-FR-DB-DR	gjwv	qpuվ	wjkv dmeg enhv	F' R F R' D M D' L D' I F		12			
	LD-FR-DR-UL	gjvd	qpva				0			
	LD-FR-DR-UB	gjva	qpvb				0			
	LD-FR-DR-UR	gjvb	qpvc	jcks jjjt kbk	R U2 R' S R U' R S' R' U' R'		11			
	LD-FR-DR-DF	gjvu	qpvd				0			
	LD-FR-DR-LU	gjve	qpve				0			
	LD-FR-DR-BU	gjvq	qpvf				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	LD-FR-DR-RU	gjvm	qpvg					0		A
	LD-FR-DR-FU	gjvi	qpvh					0		
	LD-FR-DR-FL	gjvl	qpvi					0		
	LD-FR-DR-LF	gjvf	qpvj					0		
	LD-FR-DR-LB	gjvh	qpvk	hdnv mweg	L' D M' F M F' D' L			8		
	LD-FR-DR-BL	gjvr	qpvl					0		
	LD-FR-DR-BR	gjvt	qpvm					0		
	LD-FR-DR-RB	gjvn	qpvn					0		
	LD-FR-DR-BD	gjvs	qpvr					0		
	LD-FR-DR-DB	gjvw	qpvu					0		
	LD-BD-UL-UB	gsda	qrab					0		
	LD-BD-UL-UR	gsdb	qrac					0		
	LD-BD-UL-DF	gsdu	qrad					0		
	LD-BD-UL-BU	gsdq	qraf					0		
	LD-BD-UL-RU	gsdm	qrag					0		
	LD-BD-UL-FU	gsdi	qrah					0		
	LD-BD-UL-FL	gsdl	qrai					0		
	LD-BD-UL-LF	gsdf	qraj					0		
	LD-BD-UL-LB	gsdh	qrak					0		
	LD-BD-UL-BL	gsdr	qral					0		C
	LD-BD-UL-BR	gsdt	qram					0		O
	LD-BD-UL-RB	gsdn	qran					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BD-UL-FR	gsdj	qrap				0			
	LD-BD-UL-RD	gsdo	qras	almb satl nb	U R2 M U' S U S' R2 M' U'		10			
	LD-BD-UL-DR	gsdv	qrav				0			
	LD-BD-UB-UL	gsad	qrba	mesm anbt dn	M D' S M U M' U' S' D M'		10			
	LD-BD-UB-UR	gsab	qrbc				0			
	LD-BD-UB-DF	gsau	qrbd				0			
	LD-BD-UB-LU	gsae	qrbe				0			
	LD-BD-UB-RU	gsam	qrbg				0			A
	LD-BD-UB-FL	gsal	qrbi				0			
	LD-BD-UB-BL	gsar	qrbl				0			
	LD-BD-UB-BR	gsat	qrbm				0			O
	LD-BD-UB-RF	gsap	qrbo				0			
	LD-BD-UB-FR	gsaj	qrbp				0			
	LD-BD-UB-DL	gsax	qrbt				0			
	LD-BD-UB-DR	gsav	qr bv				0			
	LD-BD-UR-UL	gsbd	qrca				0			
	LD-BD-UR-UB	gsba	qrcb				0			
	LD-BD-UR-DF	gsbu	qrcd				0			
	LD-BD-UR-LU	gsbe	qrce				0			
	LD-BD-UR-BU	gsbq	qrcf				0			A
	LD-BD-UR-FL	gsbl	qrci				0			
	LD-BD-UR-LF	gsbf	qrcj				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-BD-UR-LB	gsbh		qrck					0		
LD-BD-UR-BR	gsbt		qrcm					0		0
LD-BD-UR-RB	gsbn		qrcn					0		
LD-BD-UR-RF	gsbp		qrco					0		
LD-BD-UR-DR	gsbv		qrcv					0		
LD-BD-DF-UL	gsud		qrda					0		
LD-BD-DF-UR	gsub		qrdc					0		
LD-BD-DF-RU	gsum		qrdf					0		
LD-BD-DF-FL	gsul		qrdi					0		P
LD-BD-DF-LB	gsuh		qrdk					0		
LD-BD-DF-BL	gsur		qrdl					0		
LD-BD-DF-BR	gsut		qrdm					0		
LD-BD-DF-RF	gsup		qrdo					0		
LD-BD-DF-FR	gsuj		qrdp					0		A
LD-BD-DF-RD	gsuo		qrds					0		
LD-BD-LU-UB	gsea		qreb					0		
LD-BD-LU-DF	gseu		qred					0		
LD-BD-LU-BU	gseq		qref					0		
LD-BD-LU-LF	gsef		qrej					0		
LD-BD-LU-BL	gser		qrel					0		
LD-BD-LU-BR	gset		qrem					0		
LD-BD-LU-RB	gsen		qren					0		A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BD-LU-RF	gsep	qreo				0			
	LD-BD-LU-FR	gsej	qrep				0			
	LD-BD-LU-DL	gsex	qret				0			
	LD-BD-BU-UL	gsqd	qrfa				0			
	LD-BD-BU-UR	gsqb	qrfc				0			
	LD-BD-BU-DF	gsqu	qrfd				0			
	LD-BD-BU-LU	gsqe	qrfe				0		O	
	LD-BD-BU-RU	gsqm	qrfg				0			
	LD-BD-BU-FL	gsql	qrfi				0			
	LD-BD-BU-LF	gsqf	qrjf				0			
	LD-BD-BU-LB	gsqh	qrfk				0		A	
	LD-BD-BU-BL	gsqr	qrfl				0		A	
	LD-BD-BU-BR	gsqt	qrfm				0			
	LD-BD-BU-RB	gsqn	qrfn				0		A	
	LD-BD-BU-RD	gsqo	qrfs				0		A	
	LD-BD-BU-DL	gsqx	qrft				0			
	LD-BD-BU-DR	gsqv	qrfv				0		O	
	LD-BD-RU-UL	gsmd	qrga				0			
	LD-BD-RU-LU	gsme	qrgc				0			
	LD-BD-RU-BU	gsmq	qrgf				0		A	
	LD-BD-RU-LB	gsmh	qrgk	iwam bwbn axi	L2 F' U M U' F' U' M' U F2 L2		11			
	LD-BD-RU-BR	gsmt	qrgm				0		F	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BD-RU-RB	gsmn	qrgn				0			
	LD-BD-RU-RF	gsmp	qrgo				0			
	LD-BD-RU-FR	gsmj	qrgp				0			A
	LD-BD-RU-FD	gsmk	qrgx	sdme ndte	S D M D' M' D S' D'		8			A
	LD-BD-FU-UL	gsid	qrha				0			
	LD-BD-FU-UB	gsia	qrhb				0			
	LD-BD-FU-UR	gsib	qrhc				0			
	LD-BD-FU-LU	gsie	qrhe				0			
	LD-BD-FU-BU	gsiq	qrhf				0			O
	LD-BD-FU-RU	gsim	qrhg				0			
	LD-BD-FU-FL	gsil	qrhi				0			
	LD-BD-FU-LF	gsif	qrhj				0			
	LD-BD-FU-LB	gsih	qrhk				0			A
	LD-BD-FU-BL	gsir	qrhl				0			A
	LD-BD-FU-BR	gsit	qrhm				0			A
	LD-BD-FU-RB	gsin	qrhn				0			
	LD-BD-FU-RF	gsip	qrho				0			
	LD-BD-FU-FR	gsij	qrhp				0			F
	LD-BD-FU-RD	gsio	qrhs				0			
	LD-BD-FU-DL	gsix	qrht				0			A
	LD-BD-FU-DR	gsiv	qrhv				0			A
	LD-BD-FL-UL	gsld	qria	mkvj shbg atnb	r' F R S L' U' L U S' M' U'		12			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BD-FL-UB	gsla	qrib				0			
	LD-BD-FL-UR	gslb	qrhc				0			
	LD-BD-FL-DF	gslu	qrhd				0		0	
	LD-BD-FL-LU	gsle	qrhc				0			
	LD-BD-FL-BU	gsfq	qrif				0			
	LD-BD-FL-RU	gslm	qrig				0			
	LD-BD-FL-FU	gsli	qrih				0			
	LD-BD-FL-LB	gslh	qrik				0			
	LD-BD-FL-BL	gslr	qril				0		P	
	LD-BD-FL-BR	gslt	qrim				0			
	LD-BD-FL-RB	gsln	qrin				0		0	
	LD-BD-FL-RF	gslp	qrio				0			
	LD-BD-FL-FR	gslj	qrjp	mksd tndk pjf jq	r' S D S' M' D R' E R D2 R E'		13			
	LD-BD-FL-RD	gslo	qrjs				0		0	
	LD-BD-FL-DR	gslv	qriv				0			
	LD-BD-LF-UL	gsfd	qrja				0			
	LD-BD-LF-UB	gsfa	qrjb				0		A	
	LD-BD-LF-UR	gsfb	qrjc				0			
	LD-BD-LF-DF	gsfu	qrjd				0			
	LD-BD-LF-LU	gsfe	qrje				0		A	
	LD-BD-LF-BU	gsfq	qrjf				0			
	LD-BD-LF-RU	gsfm	qrjg				0		F	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BD-LF-FU	gsfi	qrjh				0			
	LD-BD-LF-LB	gsfh	qrjk				0			
	LD-BD-LF-BL	gsfr	qrjl				0			A
	LD-BD-LF-BR	gsft	qrjm				0			
	LD-BD-LF-RB	gsfn	qrjn				0			A
	LD-BD-LF-RF	gsfp	qrjo				0			
	LD-BD-LF-FR	gsfj	qrjp				0			A
	LD-BD-LF-RD	gsfo	qrjs				0			
	LD-BD-LF-DL	gsfx	qrjt				0			
	LD-BD-LF-DR	gsfv	qrjv				0			F
	LD-BD-LB-UL	gshd	qrka				0			
	LD-BD-LB-UB	gsha	qrkb				0			
	LD-BD-LB-UR	gshb	qrkc				0			
	LD-BD-LB-DF	gshu	qrkd				0			
	LD-BD-LB-LU	gshe	qrke				0			
	LD-BD-LB-BU	gshq	qrkf				0			
	LD-BD-LB-RU	gshm	qrkg				0			
	LD-BD-LB-FU	gshi	qrkh				0			
	LD-BD-LB-FL	gshl	qrki				0			
	LD-BD-LB-LF	gshf	qrkj				0			
	LD-BD-LB-BR	gsht	qrkm				0			
	LD-BD-LB-RB	gshn	qrkn				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	LD-BD-LB-RF	gshp	qrko					0		
	LD-BD-LB-FR	gshj	qrkp	ibwo bmam via	U' L2 F' M2 U' M U M F L2 U			11		
	LD-BD-LB-RD	gsho	qrks					0		
	LD-BD-LB-DR	gshv	qrkv					0		
	LD-BD-BL-UL	gsrd	qrla					0		
	LD-BD-BL-UR	gsrb	qrhc					0		
	LD-BD-BL-DF	gsru	qrld					0		
	LD-BD-BL-LU	gsre	qrle	asag ambn hbtb	U S U L U M U' I' U' S' U'			12		
	LD-BD-BL-BU	gsrq	qrif					0		
	LD-BD-BL-RU	gsrm	qrig					0		
	LD-BD-BL-FL	gsrl	qrli					0		
	LD-BD-BL-LF	gsrf	qrlij					0		
	LD-BD-BL-BR	gsrt	qrilm					0		
	LD-BD-BL-RB	gsrn	qrln					0		
	LD-BD-BL-RF	gsrp	qrlo					0		
	LD-BD-BL-FR	gsrj	qrlp					0		
	LD-BD-BL-RD	gsro	qrlls					0		
	LD-BD-BL-DR	gsrv	qrllv					0		
	LD-BD-BR-UL	gstd	qrma					0		
	LD-BD-BR-UB	gsti	qrmb					0		
	LD-BD-BR-UR	gstb	qrmc					0		A
	LD-BD-BR-LU	gsti	qrme					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-BD-BR-BU	gstq		qrmf					0		
LD-BD-BR-RU	gstm		qrmg					0		
LD-BD-BR-FU	gsti		qrmh					0		
LD-BD-BR-FL	gstl		qrmi					0		
LD-BD-BR-LF	gstf		qrmj					0		
LD-BD-BR-BL	gstr		qrml					0		
LD-BD-BR-RD	gsto		qrms					0		
LD-BD-BR-DL	gstx		qrmt					0		
LD-BD-RB-UL	gsnd		qrna					0		
LD-BD-RB-UR	gsnb		qrnc					0		
LD-BD-RB-LU	gsne		qrne					0		
LD-BD-RB-FU	gsni		qrnh					0		
LD-BD-RB-LF	gsnf		qrnj					0		
LD-BD-RB-RF	gsnp		qrno					0		
LD-BD-RB-FR	gsnj		qrnp					0		
LD-BD-RB-RD	gsno		qrns					0		
LD-BD-RB-DR	gsnv		qrnv					0		
LD-BD-RF-UL	gspd		qroa					0		
LD-BD-RF-UB	gspa		qrob					0		
LD-BD-RF-LU	gspe		qroe					0		
LD-BD-RF-BU	gspq		qrof					0		
LD-BD-RF-RU	gspm		qrog					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BD-RF-FU	gspi	qroh				0			
	LD-BD-RF-FL	gspl	qroi				0			
	LD-BD-RF-LF	gspf	qroj				0			
	LD-BD-RF-LB	gsph	qrok				0			
	LD-BD-RF-BL	gspr	qrol				0			
	LD-BD-RF-BR	gspt	qrom				0			
	LD-BD-RF-RB	gspn	qron				0			
	LD-BD-RF-RD	gspo	qros				0			
	LD-BD-RF-DR	gspv	qrov				0			A
	LD-BD-FR-UB	gsja	qrpb				0			
	LD-BD-FR-UR	gsjb	qrpc				0			
	LD-BD-FR-BU	gsjq	qrpf	amwb savy nb	U M F' U' S U F S' M' U'		10			
	LD-BD-FR-FU	gsji	qrph				0			
	LD-BD-FR-FL	gsjl	qrpi				0			
	LD-BD-FR-LF	gsjf	qrpj	dndm vnwe me	D M' D M F M' F' D' M D'		10			
	LD-BD-FR-LB	gsjh	qrpk				0			
	LD-BD-FR-BL	gsjr	qrpl				0			
	LD-BD-FR-BR	gsjt	qrpm				0			
	LD-BD-FR-RD	gsjo	qrps				0			
	LD-BD-FR-DB	gsjw	qrpu				0			
	LD-BD-FR-DR	gsjv	qrpv				0			
	LD-BD-RD-UL	gsod	qrsa				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-BD-RD-UR	gsob	qrsc	lmsd teld ne	R2 M S D S' D' R2 D M' D'		10			
	LD-BD-RD-DF	gsou	qrsd				0			
	LD-BD-RD-LU	gsoe	qrse				0			
	LD-BD-RD-BU	gsoq	qrsf				0			
	LD-BD-RD-RU	gsom	qrsg				0			
	LD-BD-RD-FL	gsol	qrsi				0			
	LD-BD-RD-LF	gsof	qrsj				0			
	LD-BD-RD-LB	gsoh	qrsk				0			
	LD-BD-RD-BL	gsor	qrsl				0			
	LD-BD-RD-BR	gsot	qrsm				0			
	LD-BD-RD-RB	gsos	qrsn				0			
	LD-BD-RD-RF	gsop	qrso				0			
	LD-BD-RD-FR	gsoj	qrsp				0			
	LD-BD-DL-RD	gsxo	qrts				0			
	LD-BD-DL-DR	gsxv	qrts				0			
	LD-BD-DB-UR	gswb	qruc				0			
	LD-BD-DB-LF	gswf	qruj				0			
	LD-BD-DB-BL	gswr	qrul				0			
	LD-BD-DB-DR	gsvv	qruv				0			
	LD-BD-DR-UL	gsvd	qrva				0			
	LD-BD-DR-UB	gsva	qrvb				0			
	LD-BD-DR-UR	gsvb	qrvc				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-BD-DR-DF	gsvu		qrvd					0		
LD-BD-DR-LU	gsve		qrve					0		
LD-BD-DR-BU	gsvq		qrvf					0		
LD-BD-DR-RU	gsvm		qrvg					0		
LD-BD-DR-FL	gsvl		qrvi					0		
LD-BD-DR-LF	gsvf		qrvj					0		
LD-BD-DR-LB	gsvh		qrvk					0		
LD-BD-DR-BL	gsvr		qrvl					0		F
LD-BD-DR-BR	gsvt		qrvm					0		
LD-BD-DR-RB	gsvn		qrvn					0		
LD-BD-DR-RF	gsvp		qrvo					0		
LD-BD-DR-FR	gsvj		qrvp					0		
LD-BD-DR-DB	gsvw		qr vu					0		
LD-RD-UL-UR	godb		qsac					0		
LD-RD-UL-BU	godq		qsaf					0		
LD-RD-UL-RU	godm		qsag					0		
LD-RD-UL-FU	godl		qsah					0		
LD-RD-UL-FL	godl		qsai					0		A
LD-RD-UL-LF	godf		qsaj					0		
LD-RD-UL-LB	godh		qsak					0		
LD-RD-UL-BL	godr		qsal					0		A
LD-RD-UL-RB	godn		qsan					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-RD-UL-RF	godp	qsa	aaaa					0		
LD-RD-UL-DB	godw	qsau						0		
LD-RD-UL-DR	godv	qsav						0		
LD-RD-UB-UR	goab	qsbc						0		
LD-RD-UB-DF	goau	qsbd						0		
LD-RD-UB-LU	goae	qsbe						0		
LD-RD-UB-RU	goam	qsbg						0		
LD-RD-UB-FU	goai	qsbh						0		
LD-RD-UB-FL	goal	qsbi						0		
LD-RD-UB-LF	goaf	qsbj						0	0	
LD-RD-UB-LB	goah	qsbk						0		
LD-RD-UB-BL	goar	qsbl						0		
LD-RD-UB-RB	goan	qsbn						0		
LD-RD-UB-RF	goap	qsbo						0		
LD-RD-UB-BD	goas	qsbr						0	0	
LD-RD-UB-DB	goaw	qsbu						0		
LD-RD-UR-UL	gobd	qsca						0		
LD-RD-UR-DF	gobu	qscd						0		
LD-RD-UR-LU	gobe	qsce						0		
LD-RD-UR-BU	gobq	qscf						0		
LD-RD-UR-FU	gobi	qsch						0		
LD-RD-UR-FL	gobl	qsci						0		A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-RD-UR-LF	gobf		qscj					0		
LD-RD-UR-LB	gobh		qsck					0		
LD-RD-UR-BL	gobr		qscl					0		
LD-RD-UR-BR	gobt		qscm					0		A
LD-RD-UR-RB	gobn		qscn					0		
LD-RD-UR-RF	gobp		qsc o					0		
LD-RD-UR-FR	gobj		qscp					0		
LD-RD-UR-BD	gobs		qscr					0		
LD-RD-UR-DB	gobw		qscu					0		
LD-RD-DF-UL	goud		qsda					0		
LD-RD-DF-UB	goua		qsdb					0		
LD-RD-DF-UR	goub		qsdc					0		
LD-RD-DF-LU	goue		qsde					0		
LD-RD-DF-BU	gouq		qsdf					0		
LD-RD-DF-RU	goum		qsdg					0		
LD-RD-DF-FL	goul		qsdi					0		
LD-RD-DF-LF	gouf		qsdj					0		
LD-RD-DF-BR	gout		qsdm					0		
LD-RD-DF-RB	goun		qsdn					0		
LD-RD-DF-RF	goup		qsdo					0		
LD-RD-DF-FR	gouj		qsdp					0		
LD-RD-DF-BD	gous		qsdr					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RD-DF-DB	gouw	qsdu				0			
	LD-RD-LU-UB	goea	qseb				0			
	LD-RD-LU-DF	goeu	qsed	jawj asbt kvbk	R U F' R U S U' S' R' F U' R'		12			A
	LD-RD-LU-BU	goeq	qsef				0			
	LD-RD-LU-FU	goei	qseh				0			
	LD-RD-LU-FL	goel	qsei				0			
	LD-RD-LU-LF	goef	qsej				0			
	LD-RD-LU-LB	goeh	qsek				0			A
	LD-RD-LU-BL	goer	qsel				0			
	LD-RD-LU-BR	goet	qsem				0			
	LD-RD-LU-RB	goen	qsen				0			
	LD-RD-LU-RF	goep	qseo				0			
	LD-RD-LU-FR	goej	qsep				0			
	LD-RD-LU-BD	goes	qser				0			
	LD-RD-LU-DB	goew	qseu				0			
	LD-RD-BU-UL	goqd	qsfa				0			F
	LD-RD-BU-UR	goqb	qsfc				0			
	LD-RD-BU-DF	goqu	qsfd				0			
	LD-RD-BU-LU	goqe	qsfe				0			
	LD-RD-BU-RU	goqm	qsfg				0			
	LD-RD-BU-FU	goqi	qsfh				0			
	LD-RD-BU-FL	goql	qsfi				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RD-BU-LF	goqf	qsfj				0			
	LD-RD-BU-LB	goqh	qsfk				0			A
	LD-RD-BU-BL	goqr	qsfl				0			
	LD-RD-BU-BR	goqt	qsfm				0			A
	LD-RD-BU-RB	goqn	qsfn				0			
	LD-RD-BU-RF	goqp	qsfo				0			O
	LD-RD-BU-FR	goqj	qsfp				0			O
	LD-RD-BU-BD	goqs	qsfr				0			A
	LD-RD-BU-DB	goqw	qsfu				0			O
	LD-RD-RU-UL	gomd	qsga				0			
	LD-RD-RU-UB	goma	qsgb				0			
	LD-RD-RU-DF	gomu	qsgd				0			
	LD-RD-RU-LU	gome	qsge				0			
	LD-RD-RU-BU	gomq	qsgf				0			P
	LD-RD-RU-FU	gomi	qsgh				0			
	LD-RD-RU-FL	goml	qsgi				0			
	LD-RD-RU-LF	gomf	qsgj				0			
	LD-RD-RU-LB	gomh	qsgk	sevp xqve tf	S D' F E F2 E' F D' S' D2		10			
	LD-RD-RU-BL	gomr	qsgl				0			A
	LD-RD-RU-BR	gomt	qsgm				0			
	LD-RD-RU-RB	gomn	qsgn				0			
	LD-RD-RU-RF	gomp	qsgo				0			A

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RD-RU-FR	gomj	qsgp				0			
	LD-RD-RU-BD	goms	qsgr				0			
	LD-RD-RU-DB	gomw	qsgu				0			
	LD-RD-FU-UL	goid	qsha				0		L	
	LD-RD-FU-UB	goia	qshb				0		O	
	LD-RD-FU-UR	goib	qshc				0			
	LD-RD-FU-LU	goie	qshe				0			
	LD-RD-FU-BU	goiq	qshf				0		O	
	LD-RD-FU-RU	goim	qshg				0			
	LD-RD-FU-FL	goil	qshi				0			
	LD-RD-FU-LF	goif	qshj				0			
	LD-RD-FU-DB	goiw	qshu				0			
	LD-RD-FU-DR	goiv	qshv				0			
	LD-RD-FL-UL	gold	qsia	fybj pkfk qjas	D2 S' U' R E R' D2 R' E' R U S		12		C	
	LD-RD-FL-UB	gola	qsib				0			
	LD-RD-FL-UR	golb	qsic				0			
	LD-RD-FL-DF	golu	qsid				0			
	LD-RD-FL-LU	gole	qsie	psls vjuk wlq	E S R2 S F R S2 R' F' R2 E'		11			
	LD-RD-FL-BU	golq	qsif				0			
	LD-RD-FL-RU	golm	qsig				0			
	LD-RD-FL-FU	goli	qsih				0			
	LD-RD-FL-LB	golh	qsik	ahfh shti fgb	U L' D2 L' S L' S' L2 D2 L U'		11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RD-FL-BL	golr	qsil	tbkr jajr ks	S' U' R' E2 R U R E2 R' S		10			P
	LD-RD-FL-BR	golt	qsim	nevbt etfu ktam	M' D' F U' D' S' D2 S2 R' S' U M		12			
	LD-RD-FL-RB	goln	qsin	jevn vmx dk	R D' F M' F M F2 D R'		9			
	LD-RD-FL-BD	gols	qsir	lbka wlel xkew	R2 U' R' U F' R2 D' R2 F2 R' D' F'		12			P
	LD-RD-FL-DB	golw	qsiu	bjwm jdne kvka	U' R F' M R D M' D' R' F R' U		12			
	LD-RD-LF-UL	gofd	qsja	bjpk emdk qjas	U' R E R' D' M D R' E' R U S		12			
	LD-RD-LF-UB	gofa	qsjb	atbg atcu ah	U S' U' L U S' U2 S2 U L'		10			
	LD-RD-LF-UR	gofb	qsjc	jpbj jqka tls	R E R U' R E' R' U S' R2 S		11			
	LD-RD-LF-DF	gofu	qsjd				0			
	LD-RD-LF-LU	gofe	qsje	csvb uaw cs	U2 f U' S2 U F' U2 S		9			
	LD-RD-LF-BU	gofq	qsjf	qagf htgs fhbp	u L D2 L' S' L S D2 L' u'		12			
	LD-RD-LF-RU	gofm	qsjg	iwgu hsv is	L2 F' L S2 L' f L2 S		9			
	LD-RD-LF-LB	gofh	qsjk	krjw jrjt lsv	R' E2 R F' R E2 R S' R2 f		11			
	LD-RD-LF-BL	gofr	qsjl	wjpk vkqk tls	F' R E R' F R' E' R' S' R2 S		11			
	LD-RD-LF-BR	goft	qsjm	qagb evpw fwe	u L U' D' F E F' D2 F' D'		11			
	LD-RD-LF-RB	gofn	qsjn	krjw pltj spjv	R' E2 R F' E R2 S' R S E R F		12			
	LD-RD-LF-RF	gofp	qsjo				0			
	LD-RD-LF-BD	gofs	qsjr	xnem dvdn emv	F2 M' D' M D F D M' D' M F		11			
	LD-RD-LF-DB	gofw	qsju	cmeo dgdo dnhc	U2 M D' M2 D L D M2 D' I' U2		12			
	LD-RD-LB-UL	gohd	qska				0			
	LD-RD-LB-UR	gohb	qskc				0			
	LD-RD-LB-DF	gohu	qskd				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RD-LB-LU	gohe	qske				0			
	LD-RD-LB-BU	gohq	qskf				0			
	LD-RD-LB-RU	gohm	qskg				0			
	LD-RD-LB-FL	gohl	qski				0			
	LD-RD-LB-LF	gohf	qskj				0			
	LD-RD-LB-BR	goht	qskm				0			
	LD-RD-LB-RB	gohn	qskn				0			
	LD-RD-LB-RF	gohp	qsko				0			
	LD-RD-LB-DB	gohw	qsku				0			
	LD-RD-BL-UL	gord	qsia				0		L	
	LD-RD-BL-UB	gora	qsib				0			
	LD-RD-BL-UR	gorb	qsic				0		A	
	LD-RD-BL-DF	goru	qsid				0			
	LD-RD-BL-LU	gore	qsle				0		A	
	LD-RD-BL-BU	gorq	qsif				0			
	LD-RD-BL-RU	gorm	qsig				0			
	LD-RD-BL-FU	gori	qsih				0			
	LD-RD-BL-FL	gorl	qsli				0			
	LD-RD-BL-LF	gorf	qsij	mkse phqq dtnj	r' S D' E L' E' L D S' r		12			
	LD-RD-BL-BR	gort	qsim				0			
	LD-RD-BL-RB	gorn	qsin				0		O	
	LD-RD-BL-RF	gorp	qslo				0		A	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RD-BL-FR	gorj	qslp				0			A
	LD-RD-BL-BD	gors	qsrl	mgcv pjpk rwc nh	I U2 F E R E R' E2 F' U2 I'		13			P
	LD-RD-BL-DB	gorw	qslu				0			A
	LD-RD-BR-UL	gotd	qsma				0			L
	LD-RD-BR-UB	gota	qsmb				0			
	LD-RD-BR-UR	gotb	qsmc				0			
	LD-RD-BR-DF	gotu	qsmd				0			
	LD-RD-BR-LU	gote	qsme				0			A
	LD-RD-BR-FU	goti	qsmh				0			A
	LD-RD-BR-FL	gotl	qsmi				0			P
	LD-RD-BR-LF	gotf	qsmj				0			A
	LD-RD-BR-BL	gotr	qsml				0			
	LD-RD-BR-RF	gotp	qsmo				0			
	LD-RD-BR-BD	gots	qsmr				0			
	LD-RD-BR-DL	gotx	qsmt				0			
	LD-RD-BR-DB	gotw	qsmu				0			
	LD-RD-RB-UL	gond	qsna	sjsj tjaj tkb	S R2 S R S' R U R S' R' U'		11			
	LD-RD-RB-UR	gonb	qsnc				0			
	LD-RD-RB-DF	gonu	qsnd				0			
	LD-RD-RB-LU	gone	qsne				0			
	LD-RD-RB-BU	gonq	qsnf				0			
	LD-RD-RB-FU	goni	qsnh				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-RD-RB-FL	gonl	qsni						0		
LD-RD-RB-LF	gonf	qsnj						0		
LD-RD-RB-LB	gonh	qsnk						0		
LD-RD-RB-BL	gonr	qsnl						0		
LD-RD-RB-RF	gonp	qsno						0		
LD-RD-RB-DB	gonw	qsnu						0		
LD-RD-RF-UL	gopd	qsoa						0		
LD-RD-RF-UB	gopa	qsob						0		
LD-RD-RF-UR	gopb	qsoc						0		
LD-RD-RF-DF	gopu	qsod						0		
LD-RD-RF-LU	gope	qsoe						0		
LD-RD-RF-BU	gopq	qs of						0		
LD-RD-RF-RU	gopm	qsog						0		
LD-RD-RF-FL	gopl	qsoi						0		
LD-RD-RF-LF	gopf	qsoj						0		
LD-RD-RF-BL	gopr	qsol						0		
LD-RD-RF-BR	gopt	qsom						0		
LD-RD-RF-RB	gopn	qson						0		
LD-RD-RF-BD	gops	qsor						0		F
LD-RD-RF-DB	gopw	qsou						0		
LD-RD-FR-UB	goja	qspb						0		
LD-RD-FR-UR	gojb	qspc						0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RD-FR-DF	goju	qspd				0			
	LD-RD-FR-BU	gojq	qspf				0		A	
	LD-RD-FR-RU	gojm	qspg				0			
	LD-RD-FR-FL	gojl	qspi				0		O	
	LD-RD-FR-LF	gojf	qspj				0			
	LD-RD-FR-LB	gojh	qspk				0		A	
	LD-RD-FR-BR	gojt	qspm				0			
	LD-RD-FR-RB	gojn	qspn				0			
	LD-RD-FR-DB	gojw	qspu				0			
	LD-RD-BD-DF	gosu	qsrd				0			
	LD-RD-BD-LU	gose	qsre				0			
	LD-RD-BD-RU	gosm	qsrg				0			
	LD-RD-BD-FU	gosi	qsrh				0			
	LD-RD-BD-FL	gosl	qsri				0			
	LD-RD-BD-LF	gosf	qsrij				0			
	LD-RD-BD-FR	gosj	qsrp				0			
	LD-RD-BD-DL	gosx	qsrt				0			
	LD-RD-DL-UB	goxa	qstb				0			
	LD-RD-DB-RU	gowm	qsug				0			
	LD-RD-DB-FL	gowl	qsui				0			
	LD-RD-DB-BL	gowr	qsul	ldwc gqhc pvel	R2 D F' U2 L E' L' U2 E F D' R2		12			
	LD-RD-DB-BR	gowt	qsum				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-RD-DB-RB	gown	qsun	cmbk tlk uanc	J2 M U' R' S' R2 S' R' S2 U M' U2		12			
	LD-RD-DB-RF	gowp	qsuo				0			
	LD-RD-DB-FR	gowj	qsup				0			
	LD-DL-UL-BL	gxdr	qtal				0			
	LD-DL-BU-UL	gxqd	qtfa				0		L	
	LD-DL-LF-DF	gxfu	qtjd				0			
	LD-DL-DB-LU	gxwe	qtue				0			
	LD-DB-UL-UB	gwda	quab				0		A	
	LD-DB-UL-DF	gwdu	quad				0		O	
	LD-DB-UL-BU	gwdq	quaf				0		A	
	LD-DB-UL-FU	gwdi	quah				0			
	LD-DB-UL-FL	gwdl	quai				0			
	LD-DB-UL-LF	gwdf	quaj				0			
	LD-DB-UL-BR	gwdt	quam				0			
	LD-DB-UL-RB	gwdn	quan				0		L	
	LD-DB-UL-BD	gwds	quar				0		A	
	LD-DB-UL-RD	gwdo	quas				0		O	
	LD-DB-UL-DL	gwdx	quat				0			
	LD-DB-UL-DR	gwdv	quav				0			
	LD-DB-UB-UL	gwad	quba	bnas atan aoa	U' M' U S U S' U M' U M2 U		11		C	
	LD-DB-UB-UR	gwab	qubc				0		O	
	LD-DB-UB-DF	gwau	qubd				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-DB-UB-RU	gwam	qubg					0			
LD-DB-UB-FU	gwai	qubh					0			
LD-DB-UB-LB	gwah	qubk					0			
LD-DB-UB-RF	gwap	qubo					0		O	
LD-DB-UB-FR	gwaj	qubp					0		O	
LD-DB-UB-DL	gwax	qubt					0		O	
LD-DB-UB-DR	gwav	qubv					0			
LD-DB-UR-UL	gwbd	quca					0			
LD-DB-UR-UB	gwba	qucb					0			
LD-DB-UR-DF	gwbu	qucd					0			
LD-DB-UR-LU	gwbe	quce					0			
LD-DB-UR-BU	gw bq	qucf					0			
LD-DB-UR-LF	gwbf	qucj					0			
LD-DB-UR-LB	gwbh	quck					0		F	
LD-DB-UR-BR	gwbt	qucm					0			
LD-DB-UR-RB	gwbn	qucn					0			
LD-DB-UR-RF	gwbp	quco					0			
LD-DB-UR-FR	gwbj	qucp					0			
LD-DB-UR-RD	gwbo	qucs					0			
LD-DB-DF-UL	gwud	quda					0			
LD-DB-DF-UR	gwub	qudc					0		O	
LD-DB-DF-LU	gwue	qude					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	LD-DB-DF-RU	gwum	qudg					0		
	LD-DB-DF-FL	gwul	qudi					0		
	LD-DB-DF-LF	gwuf	qudj					0		
	LD-DB-DF-LB	gwuh	qudk					0		
	LD-DB-DF-BL	gwur	qudl					0		
	LD-DB-DF-BR	gwut	qudm					0		
	LD-DB-DF-RB	gwun	qudn					0		A
	LD-DB-DF-RD	gwuo	quds					0		
	LD-DB-LU-UB	gwea	queb					0		C
	LD-DB-LU-UR	gweb	quec					0		L
	LD-DB-LU-LB	gweh	quek					0		
	LD-DB-LU-BL	gwer	quel					0		L
	LD-DB-LU-BR	gwet	quem					0		
	LD-DB-LU-RB	gwen	quen					0		A
	LD-DB-LU-RF	gwep	queo					0		
	LD-DB-LU-BD	gwes	quer					0		F
	LD-DB-LU-RD	gweo	ques					0		O
	LD-DB-LU-DL	gwex	quet					0		
	LD-DB-BU-UR	gwqb	qufc					0		
	LD-DB-BU-RU	gwqm	qufg					0		
	LD-DB-BU-FL	gwql	qufi					0		F
	LD-DB-BU-LF	gwqf	qufj					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DB-BU-RB	gwqn	qufn				0			
	LD-DB-BU-RF	gwqp	qufo				0			
	LD-DB-BU-FR	gwqj	qufp				0			A
	LD-DB-BU-RD	gwqo	qufs				0			
	LD-DB-BU-DR	gwqv	qufv	blan dneo bla	U' R2 U M' D M' D' M2 U' R2 U		11			
	LD-DB-RU-UL	gwmd	quga				0			
	LD-DB-RU-UB	gwma	qugb				0			
	LD-DB-RU-DF	gwmu	qugd				0			P
	LD-DB-RU-LU	gwme	quge				0			
	LD-DB-RU-BU	gwmq	qugf				0			
	LD-DB-RU-FU	gwmi	qugh				0			
	LD-DB-RU-FL	gwml	qugi				0			
	LD-DB-RU-LF	gwmf	qugj				0			
	LD-DB-RU-LB	gwmh	qugk				0			
	LD-DB-RU-BL	gwmr	qugl				0			P
	LD-DB-RU-BR	gwmt	qugm				0			
	LD-DB-RU-RB	gwmn	qugn				0			
	LD-DB-RU-RF	gwmp	qugo				0			
	LD-DB-RU-FR	gwmj	qugp				0			
	LD-DB-RU-RD	gwmo	qugs				0			
	LD-DB-RU-DR	gwmv	qugv				0			
	LD-DB-FU-UL	gwid	quha				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DB-FU-UB	gwia	quhb				0			
	LD-DB-FU-UR	gwib	quhc				0			
	LD-DB-FU-LU	gwie	quhe				0			
	LD-DB-FU-BU	gwiq	quhf				0			
	LD-DB-FU-RU	gwim	quhg				0			
	LD-DB-FU-FL	gwil	quhi				0			
	LD-DB-FU-LF	gwif	quhj				0			
	LD-DB-FU-LB	gwih	quhk				0			
	LD-DB-FU-BL	gwir	quhl				0			
	LD-DB-FU-BR	gwit	quhm				0			
	LD-DB-FU-RB	gwin	quhn				0			
	LD-DB-FU-FR	gwij	quhp				0			
	LD-DB-FU-RD	gwio	quhs				0			
	LD-DB-FU-DR	gwiv	quhv				0			
	LD-DB-FL-UL	gwld	quia	awte nemf svb	U f' D' M' D' M D2 f U'		11			
	LD-DB-FL-UB	gwla	quib	pkfn eoen jq	E R' D2 M' D' M2 D' r E'		10			
	LD-DB-FL-UR	gwlb	quic	bvic mbnb iwa	U' F L2 U2 M U' M' U' L2 F' U		11		A	
	LD-DB-FL-DF	gwlu	quid	awju esds kvb	U F' R S2 D' S D S R' F U'		11		L	
	LD-DB-FL-LU	gwle	quie	pnkd ntes ojq	E M' R' D M' S' D' S M2 R E'		11		A	
	LD-DB-FL-BU	gwlp	quif	auwe sds vb	U S2 F' D' S D f U'		9		O	
	LD-DB-FL-RU	gwlm	quig	nhes vatb wdmg	I' D' f U S' U' F' D I		12			
	LD-DB-FL-LB	gwlh	quik	bidt hsge ia	U' L2 D S' L' S L D' L2 U		10		O	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DB-FL-BL	gwlr	quil	wtgt esdh sv	f' L S' D' S D L' f		10		L	
	LD-DB-FL-BR	gwlt	quim	gfkw pvjv qwfh	L D2 R' F' E F R F E' F' D2 L'		12			
	LD-DB-FL-RB	gwln	quin	akuw esds vjb	U R' S2 F' D' S D f R U'		11		P	
	LD-DB-FL-RF	gwlp	quo	wtgd menh sv	f' L D M D' I' f		10			
	LD-DB-FL-FR	gwlj	quip	cwbu esds avc	U2 F' U' S2 D' S D S U F U2		11		A	
	LD-DB-FL-RD	gwlo	quis	tgdm setn hs	S' L D M S D' S' I' S		10			
	LD-DB-FL-DL	gwlx	quit				0		A	
	LD-DB-FL-DR	gwlv	quiv	tkwn lvmw lvjs	S' R' F' M' R2 F M F' R2 F R S		12		O	
	LD-DB-LF-UL	gwfd	qua				0			
	LD-DB-LF-UB	gwfa	qujb				0		A	
	LD-DB-LF-UR	gwfb	qujc				0			
	LD-DB-LF-DF	gwf	qujd				0			
	LD-DB-LF-LU	gwfe	quje				0			
	LD-DB-LF-BU	gwfq	qujf				0			
	LD-DB-LF-RU	gwfm	qujg				0			
	LD-DB-LF-LB	gwfh	qujk				0			
	LD-DB-LF-BL	gwfr	qujl				0		A	
	LD-DB-LF-BR	gwft	qujm				0			
	LD-DB-LF-RB	gwfn	qujn				0		P	
	LD-DB-LF-RF	gwfp	qujo				0			
	LD-DB-LF-FR	gwfj	qujp				0		A	
	LD-DB-LF-RD	gwfo	qujs				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DB-LF-DL	gwdx	qujt				0			
	LD-DB-LF-DR	gwfv	qujv				0			
	LD-DB-LB-UL	gwhd	quka	aten hemd gdsb	U S' D' I' D' M D L D S U'		12		O	
	LD-DB-LB-UB	gwha	qukb				0			
	LD-DB-LB-UR	gwhb	qukc	gamc ganb hah	L U M U2 L U M' U' L' U L'		11			
	LD-DB-LB-DF	gwhu	qukd				0			
	LD-DB-LB-LU	gwhe	quke	nvqh pvmw gw	M' F E' L' E F M F' L F'		10			
	LD-DB-LB-BU	gwhq	qukf	duga nbhm ue	D S2 L U M' U' L' M S2 D'		10			
	LD-DB-LB-RU	gwhm	qukg	owgt isvo wgv	M2 F' L S' L2 f M2 F' L F		11			
	LD-DB-LB-FL	gwhl	quki	tgdm etds enhs	S' L D M D' S' D S D' I' S		12			
	LD-DB-LB-LF	gwhf	qukj	fjql qrsv jf	D2 R E' R2 E' F' E2 F R D2		10			
	LD-DB-LB-BR	gwht	qukm	uevq kpjw du	S2 D' F E' R' E R F' D S2		10			
	LD-DB-LB-RB	gwhn	qukn	fwjq lqjr vf	D2 F' R E' R2 E' R E2 F D2		10		A	
	LD-DB-LB-RF	gwhp	quko	svbw pnvm qawt	f U' F' E M' F M u f'		12			
	LD-DB-LB-FR	gwhj	qukp	biam vmwo bia	U' L2 U M F M F' M2 U' L2 U		11			
	LD-DB-LB-RD	gwho	quks	gtds nehd oen	L S' D S M' D' L' D M2 D' M'		11			
	LD-DB-LB-DR	gw hv	qukv	btcu amck wqv nj	U' S' U2 S2 U M U2 R' F' E' F r		13			
	LD-DB-BL-UL	gwrd	quila	aowg qgpi vob	U M2 F' L E' L E L2 F M2 U'		11			
	LD-DB-BL-UB	gwra	qulb	qifn eoen kp	E' R D2 M' D' M2 D' M' R' E		10			
	LD-DB-BL-UR	gwrb	qulc	bivc mbnb wia	U' L2 F U2 M U' M' U' F' L2 U		11			
	LD-DB-BL-DF	gwru	quld				0			
	LD-DB-BL-LU	gwre	qule	qgvn pwop nhp	E' L F M' E F' M2 E I' E		11			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DB-BL-BU	gwraq	qulf	aowt gshv ob	U M2 f' L S L' F M2 U'		10			
	LD-DB-BL-RU	gwrnm	qulg	jaow hpgq vobk	R U M2 F' L' E L E' F M2 U' R'		12			
	LD-DB-BL-FU	gwri	qulh				0			
	LD-DB-BL-FL	gwrl	quli	iwdh sgte vi	L2 F' D L' S L S' D' F L2		10			
	LD-DB-BL-LF	gwrf	qulj	bidt gshe ia	U' L2 D S' L S L' D' L2 U		10			
	LD-DB-BL-BR	gwrt	qulm	gqkb jpmk cnb hj	L E' R' U' R E' r' U2 M' U' L' R		13			
	LD-DB-BL-RB	gwrn	quln	aowh pgqv ob	U M2 F' L' E L E' F M2 U'		10			
	LD-DB-BL-RF	gwrp	qulo	kthd ssmet gsnj	R' S' L' D S M D' S' L S r		13		O	
	LD-DB-BL-FR	gwrj	qulp	vowa tgsh bvow	F M2 F' U S' L S L' U' F M2 F'		12			
	LD-DB-BL-BD	gwrs	quir				0			
	LD-DB-BL-RD	gwro	quis	thds ment gs	S' L' D S M D' M' S' L S		10			
	LD-DB-BL-DR	gwrv	quiv	fkvq wnjb samf	D2 R' F E' F' r' U' S U M D2		12			
	LD-DB-BR-UL	gwtd	quma	skaj tmkc naj	S R' U R S' M R' U2 M' U R		11			
	LD-DB-BR-UB	gwta	qumb	qkfn eoen jp	E' R' D2 M' D' M2 D' r E		10			
	LD-DB-BR-UR	gwtb	qumc	dwkt jpkq jsve	D F' R' S' R E R' E' R f D'		12			
	LD-DB-BR-DF	gwtu	qumd	smkc maoa jt	S r' U2 M U M2 U R S'		10			
	LD-DB-BR-LU	gwte	qume	kasb sdns esnj	R' U S U' S D M' S D' S r		12			
	LD-DB-BR-BU	gwtnq	qumf	bfsw ktjv af	U' D2 S F' R' S' R F U D2		10			
	LD-DB-BR-RU	gwtm	qumg	lavi dtes iwbl	R2 U F L2 D S' D' S L2 F' U' R2		12			
	LD-DB-BR-FL	gwtl	qumi	gfwp vkvq wjfh	L D2 F' E F R' F E' F' R D2 L'		12			
	LD-DB-BR-LF	gwtf	qumj	xuel tjsj dxu	f2 D' R2 S' R S R D f2		11			
	LD-DB-BR-LB	gwth	qumk	bfwj qkpv af	U' D2 F' R E' R' E F U D2		10			P

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DB-BR-BL	gwtr	quml	advq xqhr gvbe	U D F E' F2 E' L' E2 L F U' D'		12			
	LD-DB-BR-RF	gwtp	qumo	odhq vpwg eo	M2 D L' E' F E F' L D' M2		10			
	LD-DB-BR-FR	gwtj	qump	jama scla tbnj	R U M U S U2 R2 U S' U' r		12			
	LD-DB-BR-RD	gwto	qums	bfwl tksk vaf	U' D2 F' R2 S' R' S R' F U D2		11			
	LD-DB-BR-DR	gwtv	qumv	cmja sbkb tanc	U2 M R U S U' R' U' S' U M' U2		12			A
	LD-DB-RB-UL	gwnd	quna	kbmi anbi aj	R' U' M L2 U M' U' L2 U R		10			O
	LD-DB-RB-UB	gwna	qunb	jfne oenk	R D2 M' D' M2 D' M' R'		8			
	LD-DB-RB-UR	gwnb	qunc	jsks mbnt ajtk	R S R' S M U' M' S' U R S' R'		12			
	LD-DB-RB-DF	gwnu	qund	ckse tndm jc	U2 R' S D' S' M' D M R U2		10			
	LD-DB-RB-LU	gwne	qune	gvnp wop nh	L F M' E F' M2 E I'		9			
	LD-DB-RB-BU	gwnq	qunf	doje ndn ke	D M2 R D' M' D M' R' D'		9			
	LD-DB-RB-RU	gwnm	qung	ldhx nwmw gel	R2 D L' F2 M' F' M F' L D' R2		11			
	LD-DB-RB-FU	gwni	qunh				0			
	LD-DB-RB-FL	gwnl	quni	idwp gqhv ei	L2 D F' E L E' L' F D' L2		10			
	LD-DB-RB-LF	gwnf	qunj	vjsq bsma mkw	F R S M2 U' S M U r' F'		11			
	LD-DB-RB-LB	gwnh	qunk	fvrk plpk wf	D2 F E2 R' E R2 E R' F' D2		10			
	LD-DB-RB-BL	gwnr	qunl	wpid gqhe iv	F' E L2 D L E' L' D' L2 F		10			
	LD-DB-RB-RF	gwnp	quno	kctd scme nj	R' U2 S' D S U2 M D' r		10			
	LD-DB-RB-FR	gwnj	qunp	dgrw pvp he	D L E2 F' E F E L' D'		9			
	LD-DB-RB-RD	gwno	quns	dxjd menk xe	D F2 R D M D' M' R' F2 D'		10			C
	LD-DB-RB-DR	gwnv	qunv	jsjs mbnt aktk	R S R S M U' M' S' U R' S' R'		12			
	LD-DB-RF-UL	gwpd	quoa				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DB-RF-UB	gwpa	quob				0			
	LD-DB-RF-UR	gwpb	quoc				0			
	LD-DB-RF-DF	gwpu	quod				0			
	LD-DB-RF-LU	gwpe	quoe				0			
	LD-DB-RF-BU	gwpq	quof				0		O	
	LD-DB-RF-RU	gwpm	quog				0			
	LD-DB-RF-FL	gwpl	quoi				0			
	LD-DB-RF-LB	gwph	quok				0			
	LD-DB-RF-BL	gwpr	quol				0			
	LD-DB-RF-BR	gwpt	quom				0			
	LD-DB-RF-RB	gwpn	quon				0			
	LD-DB-RF-BD	gwps	quor				0		O	
	LD-DB-RF-RD	gwpo	quos	dhxn wmw ge	D L' F2 M' F' M F' L D'		9			
	LD-DB-RF-DL	gpwx	quot				0		L	
	LD-DB-RF-DR	gpvv	quov				0			
	LD-DB-FR-UL	gwjd	qupa				0			
	LD-DB-FR-UB	gwja	qupb				0			
	LD-DB-FR-UR	gwjb	qupc				0			
	LD-DB-FR-DF	gwju	qupd				0			
	LD-DB-FR-LU	gwje	qupe				0			
	LD-DB-FR-BU	gwjq	qupf	avue sdw sb	U F S2 D' S D F' S U'		9			
	LD-DB-FR-RU	gwjm	qupg				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-DB-FR-FL	gwjl	aaaa						0		
LD-DB-FR-LF	gwjf	aaaa						0		
LD-DB-FR-LB	gwjh	aaaa						0		
LD-DB-FR-BL	gwjr	aaaa						0		
LD-DB-FR-BR	gwjt	aaaa						0		
LD-DB-FR-RB	gwjn	aaaa						0		
LD-DB-FR-RD	gwjo	aaaa						0		o
LD-DB-FR-DL	gwjx	aaaa						0		
LD-DB-FR-DR	gwjv	aaaa						0		
LD-DB-BD-DL	gwsx	aaaa						0		o
LD-DB-RD-UL	gwod	aaaa						0		
LD-DB-RD-UB	gwoa	aaaa						0		
LD-DB-RD-UR	gwob	aaaa						0		
LD-DB-RD-DF	gwou	aaaa						0		
LD-DB-RD-LU	gwoe	aaaa						0		
LD-DB-RD-BU	gwoq	aaaa						0		
LD-DB-RD-RU	gwom	aaaa						0		
LD-DB-RD-FU	gwoi	aaaa						0		
LD-DB-RD-FL	gwol	aaaa						0		
LD-DB-RD-LF	gwof	aaaa						0		
LD-DB-RD-LB	gwoh	aaaa						0		
LD-DB-RD-BL	gwor	aaaa						0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DB-RD-BR	gwot	qusm				0			
	LD-DB-RD-RB	gwon	qusn				0			
	LD-DB-RD-RF	gwop	quso				0			
	LD-DB-RD-FR	gwoj	qusp				0			
	LD-DB-DL-BU	gwxq	qutf				0			
	LD-DB-DR-UL	gwvd	quva	kska jtmk cnal	R' S R' U R S' r' U2 M' U R2		12			
	LD-DB-DR-UB	gwva	quvb	adia mcoa ibme	U D L2 U M U2 M2 U L2 U' M' D'		12			
	LD-DB-DR-UR	gwvb	quvc	amas clat bln	U M U S U2 R2 U S' U' R2 M'		11			
	LD-DB-DR-DF	gwvu	quvd				0			
	LD-DB-DR-LU	gwve	quve	tdmd sdtd ns	S' D M D S D S' D M' S		10			
	LD-DB-DR-BU	gwvq	quvf	iamt asbn bi	L2 U M S' U S' U' M' U' L2		10			
	LD-DB-DR-RU	gwvm	quvg	mian btas bi	M L2 U M' U' S' U S U' L2		10		0	
	LD-DB-DR-FL	gwvl	quvi	njvm xktg dhs	r F M F2 R' S' L D L' S		11			
	LD-DB-DR-LF	gwvf	quvj	jdvq wevp nwmk	R D F E' F' D' F E M' F' r'		12			
	LD-DB-DR-LB	gwvh	quvk				0			
	LD-DB-DR-BR	gwvt	quvm				0			
	LD-DB-DR-RB	gwvn	quvn				0			
	LD-DB-DR-RF	gwvp	quvo				0			
	LD-DB-DR-FR	gwvj	quvp				0			
	LD-DR-UL-UB	gvda	qvab				0			
	LD-DR-UL-BU	gvdq	qvaf				0			
	LD-DR-UL-FL	gvdl	qvai				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DR-UL-LB	gvdh	qvak				0			
	LD-DR-UL-RB	gvdn	qvan				0			
	LD-DR-UB-UL	gvad	qvba	btat asbs	U' S' U S' U S U' S		8			
	LD-DR-UB-LU	gvae	qvbe				0			
	LD-DR-UB-FU	gvai	qvbh				0			
	LD-DR-UB-FL	gval	qvbi				0			
	LD-DR-UB-LF	gvaf	qvbj				0			
	LD-DR-UB-LB	gvah	qvbk				0		0	
	LD-DR-UB-BL	gvar	qvbl				0			
	LD-DR-UB-BR	gvat	qvbm				0			
	LD-DR-UB-RB	gvan	qvbn				0			
	LD-DR-UB-FR	gvaj	qvbp				0			
	LD-DR-UB-BD	gvas	qvbr				0			
	LD-DR-UB-FD	gvak	qvbx	mebs dtan	M D' U' S D S' U M'		8		0	
	LD-DR-UR-UL	gvbd	qvca				0			
	LD-DR-UR-UB	gvba	qvcb				0			
	LD-DR-UR-DF	gvbu	qvcd				0			
	LD-DR-UR-LU	gvbe	qvce				0			
	LD-DR-UR-BU	gvbq	qvcf				0			
	LD-DR-UR-FU	gvbi	qvch				0			
	LD-DR-UR-FL	gvbl	qvci				0			
	LD-DR-UR-LF	gvbf	qvcj				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DR-UR-LB	gvbh	qvck				0			
	LD-DR-UR-BL	gvbr	qvcl				0			
	LD-DR-UR-BR	gvbt	qvcm	avuj skw sb	U F S2 R S R' F' S U'		9			
	LD-DR-UR-RB	gvbn	qvcn				0			
	LD-DR-UR-RF	gvbp	qvco	ecjm ambk odc	D' U2 R M U M U' R' M2 D U2		11			
	LD-DR-UR-FR	gvbj	qvcp				0			
	LD-DR-UR-BD	gvbs	qvcr				0			
	LD-DR-UR-DB	gvbw	qvcu				0			
	LD-DR-DF-UL	gvud	qvda				0		A	
	LD-DR-DF-UR	gvub	qvdc				0			
	LD-DR-DF-LU	gvue	qvde				0		A	
	LD-DR-DF-BL	gvur	qvdl				0			
	LD-DR-DF-BR	gvut	qvdm				0			
	LD-DR-DF-FR	gvuj	qvdp				0			
	LD-DR-LU-UB	gvea	qveb				0			
	LD-DR-LU-FL	gvel	qvei				0			
	LD-DR-LU-LF	gvef	qvej				0			
	LD-DR-LU-LB	gveh	qvek				0			
	LD-DR-LU-BL	gver	qvel				0			
	LD-DR-LU-FR	gvej	qvep				0			
	LD-DR-LU-BD	gves	qver				0			
	LD-DR-BU-RU	gvqm	qvfg				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
LD-DR-BU-FU	gvqi	qvfh					0			
LD-DR-BU-FL	gvql	qvfi					0			
LD-DR-BU-LB	gvqh	qvfk					0			
LD-DR-BU-BR	gvqt	qvfm					0			
LD-DR-BU-RB	gvqn	qvfn					0			
LD-DR-BU-FR	gvqj	qvfp					0			
LD-DR-BU-RD	gvqo	qvfs					0			
LD-DR-RU-UL	gvmd	qvga					0		o	
LD-DR-RU-UB	gvma	qvgb					0			
LD-DR-RU-LU	gvme	qvge					0			
LD-DR-RU-BU	gvmq	qvgf					0			
LD-DR-RU-FU	gvmi	qvgh					0			
LD-DR-RU-FL	gvml	qvgi					0			
LD-DR-RU-LB	gvmh	qvfk					0			
LD-DR-RU-BL	gvmr	qvgl					0			
LD-DR-RU-RB	gvmn	qvgn					0			
LD-DR-RU-RF	gvmp	qvgo					0			
LD-DR-RU-FR	gvmj	qvgp					0			
LD-DR-RU-BD	gvms	qvgr					0			
LD-DR-RU-RD	gvmo	qvgs					0			
LD-DR-RU-DL	gvmx	qvgt					0			
LD-DR-RU-DB	gvmw	qvgu					0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DR-FU-LU	gvie	qvhe				0			
	LD-DR-FU-LF	gvif	qvbj				0			
	LD-DR-FU-BR	gvit	qvhm				0			
	LD-DR-FU-RB	gvin	qvhn				0			
	LD-DR-FU-FR	gvij	qvhp				0			
	LD-DR-FL-UL	gvld	qvia				0			
	LD-DR-FL-UB	gvla	qvib				0			
	LD-DR-FL-UR	gvlb	qvic				0			
	LD-DR-FL-DF	gvlu	qvid				0		0	
	LD-DR-FL-LU	gvle	qvie				0			
	LD-DR-FL-BU	gvlq	qvif				0			
	LD-DR-FL-RU	gvlm	qvig				0			
	LD-DR-FL-LB	gvlh	qvik				0			
	LD-DR-FL-BL	gvlr	qvil				0		A	
	LD-DR-FL-BR	gvlt	qvim				0			
	LD-DR-FL-RB	gvln	qvin	dlwn vlme	D R2 F' M' F R2 M D'		8			
	LD-DR-FL-RF	gvlp	qvio				0			
	LD-DR-FL-FR	gvlj	qvip				0			
	LD-DR-FL-BD	gvls	qvir				0			
	LD-DR-FL-DB	gvlw	qviu				0			
	LD-DR-LF-UL	gvfd	qvja				0			
	LD-DR-LF-UB	gvfa	qvjb				0		A	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DR-LF-DF	gvfu	qvjd				0			
	LD-DR-LF-LU	gvfe	qvje				0			
	LD-DR-LF-RU	gvfm	qvjg				0			
	LD-DR-LF-FU	gvfi	qvjh				0			
	LD-DR-LF-LB	gvfh	qvjk				0			
	LD-DR-LF-BR	gvft	qvjm				0			
	LD-DR-LF-RB	gvfn	qvjn	jdxn vmv ek	R D F2 M' F M F D' R'		9			
	LD-DR-LF-RD	gvfo	qvjs				0			
	LD-DR-LF-DB	gvfw	qvju				0			
	LD-DR-LB-DF	gvhu	qvkd				0			
	LD-DR-LB-LU	gvhe	qvke				0			
	LD-DR-LB-BU	gvhq	qvkf				0			
	LD-DR-LB-RU	gvhm	qvkg				0			
	LD-DR-LB-FU	gvhi	qvkh				0			
	LD-DR-LB-FL	gvhl	qvki				0			
	LD-DR-LB-DL	gvhx	qvkt				0			
	LD-DR-LB-DB	gvhw	qvku				0			
	LD-DR-BL-UL	gvrd	qvla				0			
	LD-DR-BL-UB	gvra	qvlb				0			
	LD-DR-BL-UR	gvrb	qvlc				0			
	LD-DR-BL-DF	gvru	qvld				0			
	LD-DR-BL-LU	gvre	qvle				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DR-BL-BU	gvrq	qvlf				0			
	LD-DR-BL-RU	gvrm	qvlg				0			
	LD-DR-BL-FL	gvrl	qvli				0			
	LD-DR-BL-LF	gvrf	qvlij				0			
	LD-DR-BL-BR	gvrt	qvlm				0			
	LD-DR-BL-RB	gvrn	qvln				0			
	LD-DR-BL-RF	gvrp	qvlo				0			
	LD-DR-BL-FR	gvrj	qvlp				0			
	LD-DR-BL-BD	gvrs	qvlr				0			
	LD-DR-BL-RD	gvro	qvls				0			
	LD-DR-BL-DB	gvrw	qvlu				0			
	LD-DR-BR-UL	gvtd	qvma				0			
	LD-DR-BR-UR	gvtb	qvmc				0			
	LD-DR-BR-DF	gvtu	qvmd				0			
	LD-DR-BR-RU	gvtm	qvmg				0			
	LD-DR-BR-LB	gvth	qvmk				0			
	LD-DR-BR-BL	gvtr	qvml				0			
	LD-DR-BR-RF	gvtp	qvmo				0			
	LD-DR-BR-FR	gvtj	qvmp				0			
	LD-DR-BR-BD	gvts	qvmr	djmd neke	D R M D M' D' R' D'		8			
	LD-DR-BR-RD	gvto	qvms				0			
	LD-DR-RB-UL	gvnd	qvna				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DR-RB-UR	gvnb	qvnc				0		0	
	LD-DR-RB-LU	gvne	qvne				0		0	
	LD-DR-RB-BU	gvnq	qvnf				0		0	
	LD-DR-RB-FL	gvnl	qvni				0		0	
	LD-DR-RB-LF	gvnf	qvnj				0		0	
	LD-DR-RB-LB	gvnh	qvnk				0		0	
	LD-DR-RB-BL	gvnr	qvnl				0		0	
	LD-DR-RB-RF	gvnp	qvno				0		0	
	LD-DR-RB-FR	gvnj	qvnp				0		0	
	LD-DR-RB-BD	gvns	qvnr				0		0	
	LD-DR-RB-DB	gvnw	qvnu				0		0	
	LD-DR-RB-FD	gvnk	qvnx	watj pkqs bv		F' U S' R E R' E' S U' F	10			
	LD-DR-RF-UL	gvpd	qvoa				0		0	
	LD-DR-RF-UB	gvpa	qvob	hdnx nwow eg		L' D M' F2 M' F' M2 F' D' L	10			
	LD-DR-RF-UR	gvpb	qvoc				0		0	
	LD-DR-RF-LU	gvpe	qvoe				0		0	
	LD-DR-RF-BU	gvpq	qvof				0		0	
	LD-DR-RF-RU	gvpm	qvog				0		0	
	LD-DR-RF-FL	gvpl	qvoi				0		0	
	LD-DR-RF-LF	gvpf	qvoj				0		0	
	LD-DR-RF-LB	gvph	qvok				0		0	
	LD-DR-RF-BL	gvpr	qvol				0		0	

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
								0		
	LD-DR-RF-BR	gvpt	qvom					0		
	LD-DR-RF-RB	gvpn	qvon					0		
	LD-DR-RF-BD	gvps	qvor					0		
	LD-DR-RF-DB	gvpw	qvou					0		
	LD-DR-FR-UL	gvjd	qvpa					0		
	LD-DR-FR-UB	gvja	qvpb					0		
	LD-DR-FR-LU	gvje	qvpe					0		
	LD-DR-FR-BU	gvjq	qvpf	qjdm vnwe kp	E' R D M F M' F' D' R' E			10		
	LD-DR-FR-RU	gvjm	qvpg	atbu kasb ju	U S' U' S2 R' U S U' R S2			10		
	LD-DR-FR-FU	gvji	qvph					0		
	LD-DR-FR-FL	gvjl	qvpi					0		
	LD-DR-FR-LF	gvjf	qvpj					0		
	LD-DR-FR-LB	gvjh	qvpk					0		
	LD-DR-FR-BL	gvjr	qvpl					0		
	LD-DR-FR-BR	gvjt	qvpm					0		
	LD-DR-FR-RB	gvjn	qvpn					0		
	LD-DR-FR-BD	gvjs	qvpr					0		
	LD-DR-FR-DL	gvjx	qvpt					0		
	LD-DR-FR-DB	gvjw	qvpu					0		
	LD-DR-BD-UL	gvsd	qvra					0		
	LD-DR-BD-UR	gvsb	qvrc					0		
	LD-DR-BD-BU	gvsq	qvrf					0		

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DR-BD-RU	gvsm	qvrg				0			
	LD-DR-BD-FU	gvsi	qvrh				0			
	LD-DR-BD-LF	gvsf	qvrj				0			
	LD-DR-BD-LB	gvsh	qvrk				0			
	LD-DR-BD-BL	gvsr	qvrl				0			
	LD-DR-BD-BR	gvst	qvrm				0			
	LD-DR-BD-RB	gvsn	qvrn	blve sdwl ctb	U' R2 F D' S D F' R2 U2 S' U'		11			A
	LD-DR-BD-RF	gvsp	qvro				0			
	LD-DR-BD-FR	gvsj	qvrp				0			
	LD-DR-BD-RD	gvso	qvrs				0			
	LD-DR-RD-RU	gvom	qvsg				0			
	LD-DR-RD-LF	gvof	qvsj				0			
	LD-DR-RD-RF	gvop	qvso				0			
	LD-DR-RD-DB	gvow	qvsu				0			
	LD-DR-DL-FR	gvxj	qvtp				0			
	LD-DR-DB-UB	gvwa	qvub				0			
	LD-DR-DB-LU	gvwe	qvue				0			
	LD-DR-DB-FL	gvwl	qvui	awte sdvb	U f D' S D F U'		8			
	LD-DR-DB-LF	gvwf	qvuj				0			
	LD-DR-DB-BL	gvwr	qvul				0			
	LD-DR-DB-BR	gvwt	qvum				0			
	LD-DR-DB-FR	gvwj	qvup				0			

UF Diagram	Cube Target	Speffz	aaaa	Yo Notation (UF)	Singmaster Notation (UF)	Fingertrick note	A I	Dril I	2 3- Styl	P A
	LD-DR-DB-FD	gvwk	qvux	dmen	D M D' M'		4			
	LD-FD-UR-BU	gkbq	qxcf	anas btmb	U M' U S U' S' M U'		8		O	
	LD-FD-UR-BL	gkbr	qxcl	awqh pgvb	U F' E' L' E L F U'		8		A	