

Note 1:

If an algorithm has s2 to the right of it, then, it and the algorithm directly below it achieve the same result on the cube.

If an algorithm has s3 to the right of it, then it and the next two algorithms following it achieve the same result.

If an algorithm has s4 to the right of it, then it and the next three algorithms following it achieve the same result.

(I only marked some of the algs like this, even though there probably are others).

Note 2:

"U and E" means that the algorithms can be used for F3L, solving a dedge in one algorithm. One wing is in the U-Layer and the other is in the E-Layer.

"U" means that the algorithms can be used for F3L, solving a dedge in one algorithm. Both wings are in the U-Layer.

"LL" means all wings affected are in one face.

"Other" means random/useless algorithms that cannot be used for ELL or for F3L (at least not without adding more moves/conjugating).

For the Group of 56 Total Algorithms,

Wide Turn Algorithms

U and E	U	LL	Other
			[Rw2F2UI2U':l2](11) [Rw2F2U'I2U:l2](11)

U and E	U	LL, ** means good for U and E	Other
	[Rw2F2RUI2U':l2](13) [Rw2F2L'UI2U':l2](13) [Rw2F2RU'I2U:l2](13) [Rw2F2L'U'I2U:l2](13)	[Rw2F2R2UI2U':l2](13)* [Rw2F2R2U'I2U:l2](13)*	[Rw2F2R'UI2U':l2](13) [Rw2F2LUI2U':l2](13) [Rw2F2L2UI2U':l2](13) [Rw2F2R'U'I2U:l2](13) [Rw2F2LU'I2U:l2](13) [Rw2F2L2U'I2U:l2](13)

Single Slice Algorithms

U and E	U	LL, ** means good for U and E	Other
		[r2F2UI2U':l2](11)* [r2F2U'I2U:l2](11)*	

U and E	U	LL, ** means good for U and E	Other
	[r2F2RUI2U':l2](13) [r2F2L'UI2U':l2](13) [r2F2RU'I2U:l2](13) [r2F2L'U'I2U:l2](13)		[r2F2R'UI2U':l2](13) [r2F2R2UI2U':l2](13) [r2F2LUI2U':l2](13) [r2F2L2UI2U':l2](13) [r2F2R'U'I2U:l2](13) [r2F2R2U'I2U:l2](13) [r2F2LU'I2U:l2](13) [r2F2L2U'I2U:l2](13)

For the Group of 2, 416 Total Algorithms,

Wide Turn Algorithms

U and E	U	LL, ** means good for U and E	Other
[Rw2F'U2F':r2](9) [Rw2UF2U:r2](9)		[Rw2F2U2:r2](7)* [Rw2U2F2:r2](7) [Rw2U'F2U':r2](9)*	

U and E	U	LL, ** means good for U and E	Other
[Rw2F2UL2U:r2](11)* [Rw2F2U'L2U':r2](11)* [Rw2F2ULU:r2](11)* [Rw2F2U'LU':r2](11)* [Rw2F2UL'U:r2](11) [Rw2F2U'L'U':r2](11) [Rw2F2URU:r2](11)* [Rw2F2U'RU':r2](11)* [Rw2F2UR'U:r2](11) [Rw2F2U'R'U':r2](11) [Rw2FL2FU2:r2](11)* [Rw2F'L2F'U2:r2](11) [Rw2FL'FU2:r2](11)* [Rw2F'L'F'U2:r2](11) [Rw2FR2FU2:r2](11) [Rw2F'R2F'U2:r2](11) [Rw2FR'FU2:r2](11) [Rw2F'R'F'U2:r2](11) [Rw2FUFU:r2](11)* [Rw2F'UF'U:r2](11) [Rw2FU'FU':r2](11)* [Rw2F'U'F'U':r2](11) [Rw2U2FL2F:r2](11)* [Rw2U2F'L2F':r2](11)* [Rw2U2FLF:r2](11) [Rw2U2F'LF':r2](11) [Rw2U2FL'F':r2](11)* [Rw2U2F'L'F':r2](11)* [Rw2U2FRF:r2](11) [Rw2U2F'RF':r2](11) [Rw2U2FR'F':r2](11)* [Rw2UFUF:r2](11) [Rw2U'FU'F:r2](11)* [Rw2UF'UF':r2](11) [Rw2U'F'U'F':r2](11)* [Rw2UL2UF2:r2](11) [Rw2U'L2U'F2:r2](11)* [Rw2ULUF2:r2](11) [Rw2U'LU'F2:r2](11)* [Rw2UR2UF2:r2](11) [Rw2U'R2U'F2:r2](11)* [Rw2URUF2:r2](11) [Rw2U'RU'F2:r2](11)*	[Rw2FL2U2F:r2](11)* [Rw2FLU2F:r2](11)* [Rw2FL'U2F':r2](11)* [Rw2F'R2U2F':r2](11) [Rw2F'RU2F':r2](11) [Rw2F'R'U2F':r2](11) [Rw2FU2L2F:r2](11)* [Rw2FU2L'F':r2](11)* [Rw2F'U2R2F':r2](11) [Rw2F'U2RF':r2](11) [Rw2U'F2L2U':r2](11)* [Rw2U'F2LU':r2](11)* [Rw2UF2R2U:r2](11) [Rw2UF2R'U:r2](11) [Rw2U'L2F2U':r2](11)* [Rw2U'LF2U':r2](11)* [Rw2U'L'F2U':r2](11)* [Rw2UR2F2U:r2](11) [Rw2URF2U:r2](11) [Rw2UR'F2U:r2](11)	[Rw2F2UR2U:r2](11)* [Rw2F2U'R2U':r2](11)* [Rw2FLFU2:r2](11)* [Rw2F'LF'U2:r2](11)* [Rw2FR2U2F:r2](11) [Rw2FRFU2:r2](11)* [Rw2F'RF'U2:r2](11)* [Rw2FU2R2F:r2](11) [Rw2U2FR2F:r2](11) [Rw2U2F'R2F':r2](11) [Rw2U'F2R2U':r2](11)* [Rw2UL'UF2:r2](11) [Rw2U'L'U'F2:r2](11)** [Rw2U'R2F2U':r2](11)* [Rw2UR'UF2:r2](11) [Rw2U'R'U'F2:r2](11)**	[Rw2F'L2U2F':r2](11) [Rw2F'LU2F':r2](11) [Rw2F'L'U2F':r2](11) [Rw2FRU2F:r2](11) [Rw2FR'U2F:r2](11) [Rw2F'U2L2F':r2](11) [Rw2FU2LF:r2](11) [Rw2F'U2LF':r2](11) [Rw2F'U2L'F':r2](11) [Rw2FU2RF:r2](11) [Rw2FU2R'F':r2](11) [Rw2F'U2R'F':r2](11) [Rw2UF2L2U:r2](11) [Rw2UF2LU:r2](11) [Rw2UF2L'U:r2](11) [Rw2U'F2L'U':r2](11) [Rw2UF2RU:r2](11) [Rw2U'F2R'U':r2](11) [Rw2UL2F2U:r2](11) [Rw2ULF2U:r2](11) [Rw2UL'F2U:r2](11) [Rw2U'RF2U':r2](11) [Rw2U'R'F2U':r2](11)

U and E	U	LL	Other
[Rw2F2R2UR2U:r2](13) [Rw2F2R2U'R2U':r2](13) [Rw2F2R'URU:r2](13)	[Rw2F'UF'R'U:r2](13) [Rw2FULUF:r2](13)* [Rw2F'UR2F'U:r2](13)	[Rw2F2L2UL2U:r2](13)* [Rw2F2L2U'L2U':r2](13)* [Rw2F2L'ULU:r2](13)**	[Rw2F'L2UF'U:r2](13) [Rw2F'L2U'F'U':r2](13) [Rw2F'LUF'U:r2](13)

[Rw2F2R'U'RU':r2](13) [Rw2F2RUR'U':r2](13) [Rw2F2RU'R'U':r2](13) [Rw2FL2UFU:r2](13)* [Rw2FLUFU:r2](13)*s2 [Rw2FL'UFU:r2](13)*s2 [Rw2F'R2UF'U':r2](13)s2 [Rw2F'R2U'F'U':r2](13)s2 [Rw2F'RUF'U':r2](13)s4 [Rw2F'R'UF'U':r2](13)s4 [Rw2F'RU'F'U':r2](13)s4 [Rw2F'R'U'F'U':r2](13)s4 [Rw2FUFL2U:r2](13)*s2 [Rw2F'UF'L2U:r2](13)*s2 [Rw2FUFLU:r2](13)*s2 [Rw2F'UF'LU:r2](13)*s2 [Rw2FUFL'U:r2](13) [Rw2F'UF'R2U:r2](13) [Rw2F'U'F'RU':r2](13)* [Rw2F'U'F'R'U':r2](13) [Rw2FUL2FU:r2](13)* [Rw2FUL2UF:r2](13)* [Rw2FULFU:r2](13)* [Rw2FUL'UF:r2](13)* [Rw2F'URF'U:r2](13) [Rw2F'U'R'F'U':r2](13) [Rw2F'U'RU'F':r2](13) [Rw2F'UR'UF':r2](13) [Rw2U'F'L2U'F':r2](13)* [Rw2U'F'LF'U':r2](13)* [Rw2U'F'L'U'F':r2](13)* [Rw2UF'RF'U:r2](13) [Rw2UFR'FU:r2](13) [Rw2UFRUF:r2](13) [Rw2UF'R'UF':r2](13) [Rw2UF'UL2F':r2](13)*s2 [Rw2U'F'U'L2F':r2](13)*s2 [Rw2UF'ULF':r2](13) [Rw2U'F'U'LF':r2](13) [Rw2UF'UL'F':r2](13)*s2 [Rw2U'F'U'L'F':r2](13)*s2 [Rw2UFURF:r2](13) [Rw2UFUR'F:r2](13)* [Rw2UL2F2L2U:r2](13) [Rw2U'L2F'U'F':r2](13)* [Rw2UL2UL2F2:r2](13) [Rw2U'L2U'L2F2:r2](13) [Rw2UL'F2LU:r2](13) [Rw2U'LF'U'F':r2](13)* [Rw2U'L'F'U'F':r2](13)* [Rw2ULUL'F2:r2](13) [Rw2U'LU'L'F2:r2](13)* [Rw2UR2F2R2U:r2](13) [Rw2UR2FUF:r2](13) [Rw2UR2F'UF':r2](13) [Rw2UR2UR2F2:r2](13) [Rw2U'R2U'R2F2:r2](13)* [Rw2URF2R'U:r2](13) [Rw2URFUF:r2](13) [Rw2UR'FUF:r2](13)s3 [Rw2URF'UF':r2](13)s3 [Rw2UR'F'UF':r2](13)s3	[Rw2F'UR2UF':r2](13) [Rw2F'U'R2U'F':r2](13) [Rw2F'UR'F'U':r2](13) [Rw2F'URUF':r2](13) [Rw2F'U'R'U'F':r2](13) [Rw2U'F'L2F'U':r2](13)* [Rw2U'F'L'F'U':r2](13)* [Rw2UFR2FU:r2](13) [Rw2UF'R2F'U':r2](13) [Rw2UF'R2UF':r2](13) [Rw2UFRFU:r2](13) [Rw2UF'R'F'U':r2](13) [Rw2UF'RUF':r2](13) [Rw2UF'UR2F':r2](13) [Rw2UF'URF':r2](13)	[Rw2F2L'U'LU':r2](13)** [Rw2F2LUL'U':r2](13)** [Rw2F2LU'L'U':r2](13)** [Rw2F'U'F'R2U':r2](13)* [Rw2FUFR'U:r2](13)* [Rw2F'U'R2F'U':r2](13)* [Rw2FUR2UF:r2](13) [Rw2UFL2FU:r2](13) [Rw2U'F'R2F'U':r2](13)* [Rw2UFR2UF:r2](13) [Rw2UFUR2F:r2](13) [Rw2U'F'U'RF':r2](13)* [Rw2U'L2F2L2U':r2](13)* [Rw2U'L'F2LU':r2](13)* [Rw2UL'ULF2:r2](13) [Rw2U'L'U'LF2:r2](13) [Rw2U'R2F2R2U':r2](13)* [Rw2U'RF2R'U':r2](13)* [Rw2UR'URF2:r2](13) [Rw2U'R'U'RF2:r2](13)	[Rw2F'L'UF'U:r2](13) [Rw2F'LU'F'U':r2](13) [Rw2F'L'U'F'U':r2](13) [Rw2FR2UFU:r2](13) [Rw2FRUFU:r2](13) [Rw2FR'UFU:r2](13) [Rw2F'U'F'L2U':r2](13) [Rw2F'U'F'LU':r2](13) [Rw2F'UF'L'U':r2](13) [Rw2F'U'F'L'U':r2](13) [Rw2FUFR2U:r2](13) [Rw2FUFRU:r2](13) [Rw2F'UF'RU:r2](13) [Rw2F'UL2F'U':r2](13) [Rw2F'U'L2F'U':r2](13) [Rw2F'UL2UF':r2](13) [Rw2F'ULF'U':r2](13) [Rw2F'U'LF'U':r2](13) [Rw2F'UL'F'U':r2](13) [Rw2F'U'L'F'U':r2](13) [Rw2F'ULUF':r2](13) [Rw2F'U'LU'F':r2](13) [Rw2F'UL'UF':r2](13) [Rw2F'U'L'U'F':r2](13) [Rw2FUR2FU:r2](13)cool [Rw2FURFU:r2](13) [Rw2FUR'FU:r2](13) [Rw2FURUF:r2](13) [Rw2FUR'UF:r2](13) [Rw2UF'L2F'U':r2](13) [Rw2UFL2UF:r2](13) [Rw2UF'L2UF':r2](13) [Rw2UFLFU:r2](13) [Rw2UF'LF'U':r2](13) [Rw2UFL'FU:r2](13) [Rw2UF'L'F'U':r2](13) [Rw2UFLUF:r2](13) [Rw2UF'LUF':r2](13) [Rw2UFL'UF':r2](13) [Rw2U'F'R2U'F':r2](13) [Rw2U'F'RF'U':r2](13) [Rw2U'F'R'F'U':r2](13) [Rw2U'F'RU'F':r2](13) [Rw2U'F'R'U'F':r2](13) [Rw2UFUL2F:r2](13) [Rw2UFULF:r2](13) [Rw2UFUL'F':r2](13) [Rw2U'F'U'R2F':r2](13) [Rw2UFUR'F':r2](13) [Rw2U'F'U'R'F':r2](13) [Rw2UL2FUF:r2](13) [Rw2UL2F'UF':r2](13) [Rw2ULF2L'U':r2](13) [Rw2U'LF2L'U':r2](13) [Rw2ULFUF:r2](13) [Rw2UL'FUF:r2](13) [Rw2ULF'UF':r2](13) [Rw2U'U'F'U'F':r2](13) [Rw2UR'F2RU:r2](13)
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[Rw2URUR'F2:r2](13) [Rw2U'RU'R'F2:r2](13)*			[Rw2U'R'F2RU':r2](13) [Rw2U'RF'U'F':r2](13) [Rw2U'R'F'U'F':r2](13)
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E only

[Rw2FUL'FU:r2](13)

[Rw2F'U'RF'U':r2](13)

[Rw2U'F'LU'F':r2](13)

[Rw2UFR'UF:r2](13)

Single Slice Algorithms

U and E	U	LL	Other
[r2FU2F:r2](9)* [r2F'U2F':r2](9)		[r2F2U2:r2](7)* [r2U2F2:r2](7) [r2UF2U:r2](9)* [r2U'F2U':r2](9)*	

U and E	U	LL	Other
[r2F2UL2U:r2](11)* [r2F2U'L2U':r2](11)* [r2F2ULU:r2](11)* [r2F2U'LU':r2](11)* [r2F2UL'U:r2](11) [r2F2U'L'U':r2](11) [r2F2UR2U:r2](11) [r2F2U'R2U':r2](11) [r2F2URU:r2](11)* [r2F2U'RU':r2](11)* [r2F2UR'U:r2](11) [r2F2U'R'U':r2](11) [r2FL2FU2:r2](11)* [r2F'L2F'U2:r2](11) [r2FL'FU2:r2](11)* [r2F'L'F'U2:r2](11) [r2FR2FU2:r2](11) [r2F'R2F'U2:r2](11)* [r2FRFU2:r2](11) [r2F'RF'U2:r2](11) [r2FUFU:r2](11)* [r2F'UF'U:r2](11) [r2FU'FU':r2](11)* [r2F'U'F'U':r2](11) [r2U2FL2F:r2](11)* [r2U2F'L2F':r2](11)* [r2U2FLF:r2](11) [r2U2F'LF':r2](11) [r2U2FL'F:r2](11)* [r2U2F'L'F':r2](11)* [r2U2FR2F:r2](11) [r2U2F'R2F':r2](11) [r2U2FRF:r2](11) [r2U2F'RF':r2](11) [r2U2FR'F:r2](11)* [r2U2F'R'F':r2](11)* [r2UFUF:r2](11) [r2U'FU'F:r2](11)* [r2UF'UF':r2](11) [r2U'F'U'F':r2](11)* [r2UL2UF2:r2](11) [r2U'L2U'F2:r2](11)* [r2ULUF2:r2](11) [r2U'LU'F2:r2](11)* [r2UR2UF2:r2](11) [r2U'R2U'F2:r2](11)* [r2URF2U:r2](11) [r2UR'UF2:r2](11) [r2U'R'U'F2:r2](11)*	[r2FL2U2F:r2](11)* [r2FLU2F:r2](11)* [r2FL'U2F:r2](11)* [r2F'R2U2F':r2](11) [r2F'RU2F':r2](11) [r2F'R'U2F':r2](11) [r2FU2L2F:r2](11)* [r2FU2L'F:r2](11)* [r2F'U2R2F':r2](11) [r2F'U2RF':r2](11) [r2U'F2L2U':r2](11)* [r2U'F2LU':r2](11)* [r2UF2R2U:r2](11) [r2UF2R'U:r2](11) [r2U'L2F2U':r2](11)* [r2U'LF2U':r2](11)* [r2U'L'F2U':r2](11)* [r2UR2F2U:r2](11) [r2UR'F2U:r2](11)	[r2FLFU2:r2](11)* [r2F'LF'U2:r2](11)* [r2FR'FU2:r2](11)* [r2F'R'F'U2:r2](11)* [r2UL'UF2:r2](11) [r2U'L'U'F2:r2](11) [r2URUF2:r2](11) [r2U'RU'F2:r2](11)	[r2F'L2U2F':r2](11) [r2F'LU2F':r2](11) [r2F'L'U2F':r2](11) [r2FR2U2F:r2](11) [r2FRU2F:r2](11) [r2FR'U2F:r2](11) [r2F'U2L2F':r2](11) [r2FU2LF:r2](11) [r2F'U2LF':r2](11) [r2F'U2L'F':r2](11) [r2FU2R2F:r2](11) [r2FU2RF:r2](11) [r2FU2R'F:r2](11) [r2F'U2R'F':r2](11) [r2UF2L2U:r2](11) [r2UF2LU:r2](11) [r2UF2L'U:r2](11) [r2U'F2L'U':r2](11) [r2U'F2R2U':r2](11) [r2UF2RU:r2](11) [r2U'F2RU':r2](11) [r2U'F2R'U':r2](11) [r2UL2F2U:r2](11) [r2ULF2U:r2](11) [r2UL'F2U:r2](11) [r2U'R2F2U':r2](11) [r2U'RF2U':r2](11) [r2U'R'F2U':r2](11)

(The rest I didn't look at or sort).

[r2F2L2UL2U:r2](13)
[r2F2L2U'L2U':r2](13)
[r2F2L'ULU:r2](13)
[r2F2L'U'LU':r2](13)
[r2F2LUL'U:r2](13)
[r2F2LU'L'U':r2](13)
[r2F2R2UR2U:r2](13)
[r2F2R2U'R2U':r2](13)
[r2F2R'URU:r2](13)
[r2F2R'U'RU':r2](13)
[r2F2RUR'U:r2](13)
[r2F2RU'R'U':r2](13)
[r2FL2UFU:r2](13)
[r2F'L2UF'U:r2](13)
[r2F'L2U'F'U':r2](13)
[r2FLUFU:r2](13)
[r2F'LUF'U:r2](13)
[r2FL'UFU:r2](13)
[r2F'L'UF'U:r2](13)
[r2F'LU'F'U':r2](13)
[r2F'L'U'F'U':r2](13)
[r2FR2UFU:r2](13)
[r2F'R2UF'U:r2](13)
[r2F'R2U'F'U':r2](13)
[r2FRUFU:r2](13)
[r2F'RUF'U:r2](13)
[r2FR'UFU:r2](13)
[r2F'R'UF'U:r2](13)
[r2F'RU'F'U':r2](13)
[r2F'R'U'F'U':r2](13)
[r2FUFL2U:r2](13)
[r2F'UF'L2U:r2](13)
[r2F'U'F'L2U':r2](13)
[r2FUFLU:r2](13)
[r2F'UF'LU:r2](13)
[r2F'U'F'LU':r2](13)
[r2FUFL'U:r2](13)
[r2F'UF'L'U:r2](13)
[r2F'U'F'L'U':r2](13)
[r2FUFR2U:r2](13)
[r2F'UF'R2U:r2](13)
[r2F'U'F'R2U':r2](13)
[r2FUFRU:r2](13)
[r2F'UF'RU:r2](13)
[r2F'U'F'RU':r2](13)
[r2FUFR'U:r2](13)
[r2F'UF'R'U:r2](13)
[r2F'U'F'R'U':r2](13)
[r2FUL2FU:r2](13)
[r2F'UL2F'U:r2](13)
[r2F'U'L2F'U':r2](13)
[r2FUL2UF:r2](13)
[r2F'UL2UF':r2](13)
[r2F'U'L2U'F':r2](13)
[r2FULFU:r2](13)
[r2F'ULF'U:r2](13)
[r2F'U'LF'U':r2](13)
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