

1. R' U' F D' B2 R2 D U2 R2 U B2 R' U' B2 F' L' F2 U' B2 F2 R' B2 U' R' U' F

L2 F // EO

D R2 B2 D' R' // Domino in 7

F2 // pairs

B2 R2 // sq + more pairs

D // pseudo 223

(B2 D' F2) // 223 with inserted B2

(U2) // 15 to 3e3c + E slice

L2 F D R2 B2 D' R'

@ F2 B2 R2 D U2 F2 D B2

@ = R2 U' ^ R2 // to J perm + E slice

^ = U L2 F2 U F2 U' F2 D F2 D' L2 // J perm

L2 F D R2 B2 D' R

L2 F2 U F2 U' F2 D F2 D' [L2 R2 F2 B2 R2] D U2 F2 D B2

Replace moves in brackets with F2 B2 L2

L2 F D R2 B2 D' R

L2 F2 U F2 U' F2 D F2 D' ^ F2 B2 L2 D U2 @ F2 D B2

@ = E

^ = E' // solve E slice

Solution: L2 F D R2 B2 D' R L2 F2 U F2 U' F2 D F2 U' R2 L2 F2 U' F2 D B2 (23)

Comments: easy 7 move domino is pretty lucky, but since corners were bad and there was only one pair I had to try lots of things just to get a 16 move finish. Optimal finish is 14 (21 final) which seems straightforward on inverse when looking at it, but since there were so many things to try I didn't find it despite using pretty much the entire attempt on this domino start. Other than that, I'm glad I was able to get within 2 moves of optimal finish on a domino start with bad corners, and the solution is pretty cool.

2. R' U' F U2 B D2 B F2 R2 F D2 B D' B U F2 D' R' F2 U2 R' F' R' U' F

F D' // sq

(F' D B F2 L') // 223

B U' B // EO

(U' B2) // sq

(L U L' U B2 U) // lol finish

Solution: F D' B U' B U' B2 U' L U' L' B2 U L F2 B' D' F (18)

Comments: overall pb single lol. Since none of the EOs really stood out I started by trying the 2 move square which had a lot of different options, and 16 minutes into the attempt I found the insane finish. Even though the solution doesn't use any crazy techniques, I still think it's cool that it switches scrambles 3 times and you have to do the right style of EO on the right scramble to find it.

The solution is optimal :D

3. R' U' F R2 U2 B' D2 L2 B L2 U2 B' D' F' L' B F2 D L R B2 F2 R' U' F

L' B R' U F' // EO

(D2 F2 L2 U' L') // Domino in 10

(D' R2 U2 D F2 U' D2) // 17 to 3e

L' B R' U F' D2 U F2 D' U2 R2 D @ L U L2 F2 D2

@ = D2 B F' R2 F B'

Solution: L' B R' U F' D2 U F2 D' U2 R2 D' B F' R2 F B' L U L2 F2 D2 (22)

Comments: After 17 minutes I found a 23 off a different DR (same EO but continue on normal) which guaranteed me WR mean. Then I tried switching after EO and found this 10 move DR with super nice corners and blocks that easily give 15 to 3e + E slice. Optimal finish after domino is one move better but it doesn't seem like something I should have found.

FMC WR mean has been a huge goal of mine and I'm very happy with this :D