



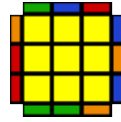
PLL

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Aa
Adj Swap

x R' U R' D2 R U' R' D2 R2 x'
y x' R2 D2 R' U' R D2 R' U R' x
y' x L2 D2 L' U' L D2 L' U L'
R' B' R2 D R' U' R D' R' U R' B R



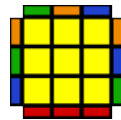
Ab
Adj Swap

x R2 D2 R U R' D2 R U' R x'
y x' R U' R D2 R' U R D2 R2 x
y' x L U' L D2 L' U L D2 L2
R' B' R U' R D R' U R D' R2' B R



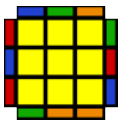
E
Opp Swap

y x' R U' R' D R U R' D' R U R' D R U' R' D' x
y R' U' R' D' R U' R' D R U R' D' R U R' D R2
R2 U R' U' y R U R' U' R U R' U' R U R' y' R U' R2
y x' L' U L D' L' U' L D L' U' L D' L' U L D



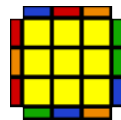
F
Adj Swap

y R' U' F' R U R' U' R' F R2 U' R' U' R U R' U R
R' U R U' R2 F' U' F U R F R' F' R2
y R' F R f' R' F R2 U R' U' R' F' R2 U R' S
y R2' F R F' R' U' F' U F R2 U R' U' R



Ga
Adj Swap

R2 U R' U R' U' R U' R2 D U' R' U R D'
R2 u R' U R' U' R u' R2 F' U F
D' R2 U R' U R' U' R U' R2 U' D R' U R
R2 U R' U R' U' R U' R2' D U' R' U R D'



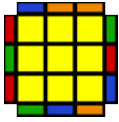
Gb
Adj Swap

R' U' R U D' R2 U R' U R U' R U' R2 D
y F' U' F R2 u R' U R U' R u' R2
R' d' F R2 u R' U R U' R u' R2
D R' U' R U D' R2 U R' U R U' R U' R2



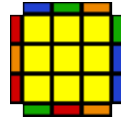
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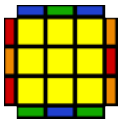
Gc
Adj Swap

R2 U' R U' R U R' U R2 D' U R U' R' D
y2 R2 F2 R U2 R U2 R' F R U R' U' R' F R2
R2' u' R U' R U R' u R2 f R' f'
R2' U' R U' R U R' U R2 D' U R U' R' D



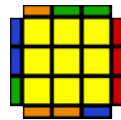
Gd
Adj Swap

R U R' U' D R2 U' R U' R' U R' U R2 D'
D' R U R' U' D R2 U' R U' R' U R' U R2
R U R' y' R2 u' R U' R' U R' u R2
y R2 F' R U R U' R' F' R U2 R' U2 R' F2 R2



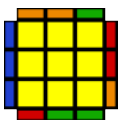
H
EPLL

M2 U' M2 U2 M2 U' M2
M2 U M2 U2 M2 U M2
M2' U' M2' U2' M2' U' M2'
M2' U M2' U2 M2' U M2'



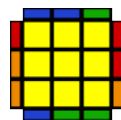
Ja
Adj Swap

y2 x R2 F R F' R U2 r' U r U2 x'
L' U' L F L' U' L U L F' L2 U L
y R' U L' U2 R U' R' U2 R L
y2 M' R' F R F' R U2 r' U r U2 r'



Jb
Adj Swap

R U R' F' R U R' U' R' F R2 U' R'
R U2 R' U' R U2 L' U R' U' L
r' F R F' r U2 R' U R U2 R'
L' U R U' L U2 R' U R U2 R'

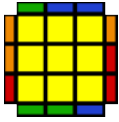


Na
Opp Swap

R U R' U R U R' F' R U R' U' R' F R2 U' R' U2 R U'
R'
F' R U R' U' R' F R2 F U' R' U' R U F' R'
R F U' R' U R U F' R2' F' R U R U' R' F
r' D r U2 r' D r U2 r' D r U2 r' D r U2 r' D r

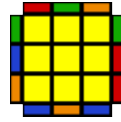


PLL



Nb
Opp Swap

r' D' F r U' r' F' D r2 U r' U' r' F r F'
R' U R U' R' F' U' F R U R' F R' F' R U' R
R' U L' U2 R U' L R' U L' U2 R U' L
L' U' L U' L' U' L F L' U' L U L F' L2 U L U2 L' U L



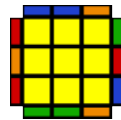
Ra
Adj Swap

y R U' R' U' R U R D R' U' R D' R' U2 R'
y R U R' F' R U2 R' U2 R' F R U R U2 R'
L U2 L' U2 L F' L' U' L U L F L2
y2 R U2 R' U2 R B' R' U' R U R B R2



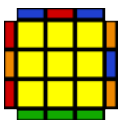
Rb
Adj Swap

R' U2 R U2 R' F R U R' U' R' F' R2
y R2 F R U R U' R' F' R U2 R' U2 R
R' U2 R' D' R U' R' D R U R U' R' U' R
y R2' F R U R U' R' F' R U2' R' U2 R



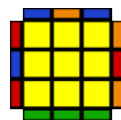
T
Adj Swap

R U R' U' R' F R2 U' R' U' R U R' F'
R U R' U' R' F R2 U' R' U' F' L' U L
R2 U R2 U' R2 U' D R2 U' R2 U R2 D'
y2 L' U' L U L F' L2 U L U L' U' L F



Ua
EPLL

y2 M2 U M U2 M' U M2
R U R' U R' U' R2 U' R' U R' U R
y R2 U' S' U2' S U' R2
M2 U M' U2 M U M2



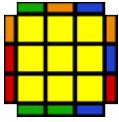
Ub
EPLL

y2 M2 U' M U2 M' U' M2
R' U R' U' R3 U' R' U R U R2
y2 R2' U R U R' U' R3 U' R' U R'
M2 U' M' U2 M U' M2



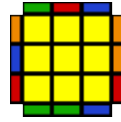
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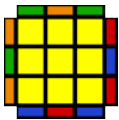
V
Opp Swap

R' U R' U' R D' R' D R' U D' R2 U' R2' D R2
R' U R' U' y R' F' R2 U' R' U R' F R F
y R U' R U R' D R D' R U' D R2 U R2 D' R2
R' U R U' R' f' U' R U2 R' U' R U' R' f R



Y
Opp Swap

F R U' R' U' R U R' F' R U R' U' R' F R F'
F R' F R2 U' R' U' R U R' F' R U R' U' F'
F R' F' R U R U' R2' U' R U R f' U' f
y' f' U f R' U' R' U R2 U R' U' R' F R F'



Z
EPLL

M2 U M2 U M' U2 M2 U2 M'
M' U' M2' U' M2' U' M' U2' M2'
y M2 U' M2 U' M' U2 M2 U2 M'
y M' U M2' U M2' U M' U2 M2'