



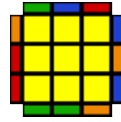
PLL

Page 1



Aa
Adj Swap

x R' U R' D2 R U' R' D2 R2 x'
y' x L2 D2 L' U' L D2 L' U L'
l' U R' D2 R U' R' D2 R2 x'
y x' R2 D2 R' U' R D2 R' U R' x



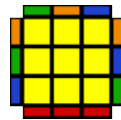
Ab
Adj Swap

x R2 D2 R U R' D2 R U' R x'
y' x L U' L D2 L' U L D2 L2
y x' R U' R D2 R' U R D2 R2 x
y2 x' L2 D2 L U L' D2 L U' L



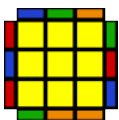
E
Opp Swap

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



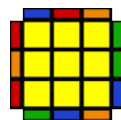
F
Adj Swap

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
y R U R' F' R U R' U' R' F R U' R' F R2 U' R' U' R U
R' F'
R2 u R' U R' U' R u' R2 y' R' U R



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



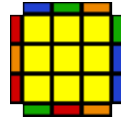
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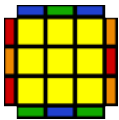
Gc
Adj Swap

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'
y2 L2 U' L U' L U L' U L2 D' U L U' L' D



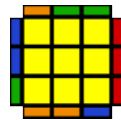
Gd
Adj Swap

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



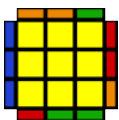
H
EPLL

M2 U' M2 U2 M2 U' M2
M2 U M2 U2 M2 U M2
R2 S2 R2 U' R2 S2 R2
M2 U2 M2 U M2 U2 M2



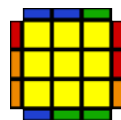
Ja
Adj Swap

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



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'



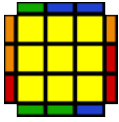
Na
Opp Swap

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



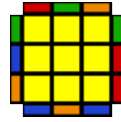
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Nb
Opp Swap

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
R' U R U' R' F' U' F R U R' U' R U' f r f'



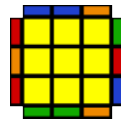
Ra
Adj Swap

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
y R U' R' U' R U R' U R' D' R U' R' D R2 U R'



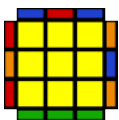
Rb
Adj Swap

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 R' U R U R' U' R' D' R U R' D R U2 R



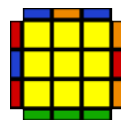
T
Adj Swap

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
l b d' L' U' F U2 L' U' L' U L U' f' S M r u E U' R'
R2 u R2 u' R2 F2 u' F2 u F2



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
y2 R U' R U R U R U' R' U' R2



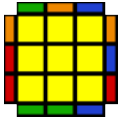
Ub
EPLL

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



PLL

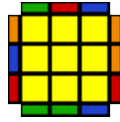
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V

Opp Swap

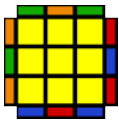
R' U R' U' R D' R' D R' U D' R2 U' R2 D R2
y R U' R U R' D R D' R U' D R2 U R2 D' R2
R' U R U' R' f U' R U2 R' U' R U' R' f R
R' U R' U' y R' F' R2 U' R' U R' F R F



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