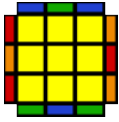




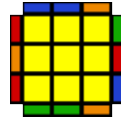
## 2 Look PLL

Page 1



**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



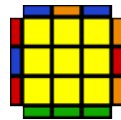
**T**  
Adj Swap

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



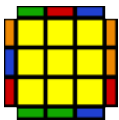
**Ua**  
EPLL

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



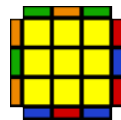
**Ub**  
EPLL

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'



**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  
U' B' R B R' U' R' U R2 U R' U' R' F R F'



**Z**  
EPLL

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

