Garage door opener logic

Inputs:
      iOC         open or close door
      iBLOCK     sense if door opening is blocked
      iCLOSED    door is closed
      iOPENED   door is opened

Outputs:
      oOPEN     run door opener in open direction
      oCLOSE    run door opener in close direction

      (extra)
      oLIGHT    garage light, on for 60 seconds


Draw state diagram, labeling states with state name and output levels, and transitions with input logic.