15. The improved emergency lighting unit with a smart controller as set forth in Claim 1 or Claim 9, wherein the smart controller switches to another adjacent light source when the failure of light source is detected.

16. The improved emergency lighting unit with a smart controller as set forth in Claim 1 or Claim 9, wherein the smart controller provides status and information of the unit via wired or wireless to a user.

17. The improved emergency lighting unit with a smart controller as set forth in Claim 1 or Claim 9, wherein the smart controller monitors the status of the incoming power supply to the unit.