

Figure 1: Interactive Platform

The designed 7'x10' platform (Figure 1) is constructed of an array of Smart Tiles that is user reactive, and individual tiles illuminate whenever a user steps on it (Req1.3). The platform is solar powered to satisfy the condition that the solution needed to be powered off-grid (Req 1.1) . The proposed design for the structure of solar array to be setup on a pavilion is shown in Figure 2.

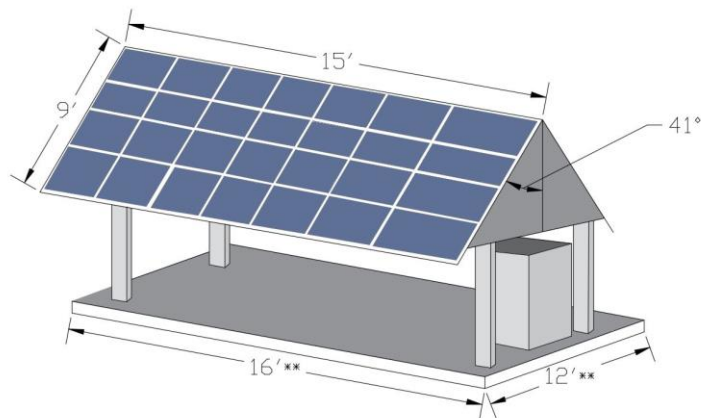


Figure 2: Solar Pavilion Design