

A floor plan diagram of a house. The layout includes a Living Room on the top left, a Kitchen on the bottom left, a Bedroom on the top right, a Bath on the bottom right, and a central Hallway. Thick black lines represent the exterior walls, and thinner black lines represent interior walls. Yellow circles with a gradient and a small black dot in the center represent light fixtures. Solid grey lines show the path of light rays from the fixtures, and dashed grey lines show the resulting light distribution or 'footcandle' areas. The Living Room has a light fixture in the upper center. The Kitchen has a light fixture in the lower center. The Bedroom has a light fixture in the upper center. The Bath has a light fixture in the lower center. The Hallway has a light fixture in the center. The overall shape of the house is irregular, with a small protrusion on the left side of the Living Room and Kitchen area.

Living Room
8'8x13'6, 113ft²

Bedroom
8'5x13'3, 112ft²

Kitchen
6'3x13'6, 82ft²

Hallway
6'0x5'6, 34ft²

Bath
5'2x6'9, 36ft²