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The electron shell of Livermorium is a unique pattern. This sculpture replaces the spheres with squares, another basic form of geometry. The design divides the electron into two mirrored groups. The aim of this division is to visually refer to the duality of calcium and curium, the two elements that were used to create Livermorium. It also represents the two laboratories that discovered element #116.

The art pieces consist of extruded squares that generate tubular forms which are welded together. This creates a structure that is in the form of an electronic shell. By changing the orientation of the tubes we are able to use the same design element to create a dynamic sculpture.

To take advantage of the multiple orientations of the forms and to colorize both the sculpture and the environment, dichromatic glass panels are inserted into the tubes. The 6" x 6" laminated glass tubes are welded together to create building blocks that are 12 to 13 feet high and will appear different at every viewing angle. The sculpture refers to the electron shell that utilizes sunlight as if the sculpture itself is a cyclotron.