CLAIMS:

1. A faceted screen system, comprising:

a curved backing surface;

a first planar panel coupled to the curved backing surface;

a second planar panel coupled to the curved backing surface, wherein the first planar panel and the second planar panel are angled towards a hypothetical focal point of the curved backing surface;

a first plurality of light sources disposed on the first planar panel, wherein individual light sources of the first plurality of light sources are oriented at respective different angles relative to the first planar panel to emit light towards the hypothetical focal point; and

a second plurality of light sources disposed on the second planar panel, wherein individual light sources of the second plurality of light sources are oriented at respective different angles relative to the second planar panel to emit light towards the hypothetical focal point.

2. The faceted screen system of claim 1, wherein the first planar panel and the second planar panel are positioned symmetrically across a hypothetical optical axis of the curved backing surface.

3. The faceted screen system of claim 1, wherein a hypothetical vertex formed by a first line extending from a first edge of the first planar panel and a second line extending from a second edge of the second planar panel comprises an obtuse angle.

4. The faceted screen system of claim 1, wherein the first planar panel abuts the second planar panel at an optical axis of the curved backing surface.

5. The faceted screen system of claim 1, wherein the respective different angles of the individual light sources of the first plurality of light sources successively decrease in magnitude toward a hypothetical optical axis of the curved backing surface.

6. The faceted screen system of claim 1, wherein the respective different angles of the individual light sources of the first plurality of light sources successively decrease in magnitude by a common factor or in a stepwise manner toward a hypothetical optical axis of the curved backing surface.

7. The faceted screen system of claim 1, wherein at least a portion of the first plurality of light sources are not oriented at an angle perpendicular to the first planar panel.

8. The faceted screen system of claim 1, wherein neighboring light sources of the first plurality of light sources are oriented at different angles relative to the first planar panel.

9. The faceted screen system of claim 1, wherein the first plurality of light sources and/or the second plurality of light sources comprise light emitting diodes (LEDs).

10. The faceted screen system of claim 1, wherein each individual light source of the first plurality of light sources and of the second plurality of light sources is oriented to emit light having at least a relative maximum intensity along a hypothetical line extending from each of the individual light sources of the first plurality of light sources and of the second plurality of light sources and to the hypothetical focal point.

11. A faceted screen system, comprising:

a display panel assembly, wherein the display panel assembly comprises:

a first planar panel;

a second planar panel, wherein the first planar panel and the second planar panel are oriented such that a first line extending from a first edge of the first planar panel and a second line extending from the second planar panel form a vertex;

a first plurality of light sources disposed on the first planar panel such that a first individual light source of the first plurality of light sources forms a first angle with a surface of the first planar panel and a first neighboring light source of the first plurality of light sources forms a second angle with the surface of the first planar panel, wherein the first angle is different than the second angle; and

a second plurality of light sources disposed on a second surface of the second planar panel such that a second individual light source of the second plurality of light sources forms a third angle with the second surface of the second planar panel and a second neighboring light source of the second plurality of light sources forms a fourth angle with the second emitting surface of the second planar panel, wherein the third angle is different than the fourth angle.

12. The faceted screen system of claim 11, wherein the first planar panel and the second planar panel are positioned symmetrically across a hypothetical optical axis of a curved backing surface.

13. The faceted screen system of claim 12, wherein the first planar panel abuts the second planar panel at the hypothetical optical axis of the curved backing surface.

14. The faceted screen system of claim 11, wherein the first plurality of light sources and the second plurality of light sources are configured to emit light having a relative maximum intensity towards a common location.

15. The faceted screen system of claim 14, wherein the common location is a hypothetical focal point of a curved backing surface coupled to the first planar panel and the second planar panel.

16. The faceted screen system of claim 11, wherein a difference in magnitude of the first angle and the second angle is the same as a difference in magnitude of the third angle and the fourth angle.

17. A faceted screen control system, comprising:

a plurality of actuators coupled to respective light sources of a plurality of light sources;

a controller configured to:

receive an input indicative of a selected focal point towards which to orient the plurality of light sources disposed on a plurality of planar display panels, the

plurality of planar display panels forming a faceted assembly approximating a curve;

determine an orientation of each light source of the plurality of light sources; and

send a control command to the plurality of actuators to actuate the respective light sources of the plurality of light sources to cause the respective light sources to emit light towards the selected focal point.

18. The faceted screen control system of claim 17, wherein each actuator of the plurality of actuators is individually addressable by the controller.

19. The faceted screen control system of claim 17, wherein actuating the respective light sources comprises changing an angular orientation of each light source of the plurality of light sources relative to a planar display panel of the plurality of planar display panels.

20. The faceted screen control system of claim 17, comprising a memory that stores orientation angles for each light source of the plurality of light sources relative to a planar display panel of the plurality of planar display panels and corresponding actuation instructions, wherein the controller accesses the memory to determine the control command.