

## Glossary

**Black Body Curve** – A curve within a color space describing the sequence of colors emitted by a black-body radiator at different temperatures.

**Chromaticity** – An objective specification of the quality of a color, independent of its luminance, and as determined by its saturation and hue.

**Color Rendering** – A general expression for the effect of a light source on the color appearance of objects.

**Color Rendering Index (CRI)** – Indicates how well a light source renders colors of people and objects, compared to a reference source.

**Color Temperature** – The description used to describe the effect of heating an object until it glows incandescently, the emitted radiation, and apparent color, changes proportional to the temperature; easily envisioned when considering hot metal in a forge that glows red, then orange, and then white as the temperature increases.

**Controller** – A device that controls the output of color-changing and tunable white lighting fixtures.

**Efficacy** – The light output of a light source divided by the total electrical power input to that

Source, expressed in lumens per watt (lm/W).