

Designing With Light
Chapter 12

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Ampere

Astronomical Time Switch

Commissioning

Digital Addressable Lighting Interface

Dimmer

Bi-Level Control

Lighting Zone or Lighting Control Zone

The unit of measurement for electric current. It is the amount of electricity moving past a given point in a circuit during a specific period. Also referred to as Amp. Amperage is equal to wattage divided by voltage.

The process of setting, refining and/or resetting building system operational parameters. In lighting this involves setting occupancy and vacancy sensors and control system presets.

An electrical device that controls lamp intensity by regulating the flow of electricity to the lamp.

A group of luminaires performing the same task and controlled in unison.

A device that provides a signal to turn a load on or off or adjust power in steps based on the time of day or based on astronomical events such as sunset or sunrise, accounting for geographic location and day of the year. Also known as an astronomical time clock

Also known as DALI. A communications protocol and network in which each luminaire has a distinct address, receives dimming information and can report back to the lighting controller.

A lighting control strategy that provides two light levels—one at full-ON and one at a lower level. This may be achieved by dimming or by turning off some portion of the lighting so that uniform light level and distribution is maintained. In addition to the two ON settings, bi-level control may provide for full-OFF. Also known as bi-level switching.

Occupancy Sensor

Photocell

Preset

Relay

Vacancy Sensor

Volt

Wall Box

Watt

<p>A light-sensing device used to control luminaires and dimmers in response to detected light levels</p>	
<p>A device that switches an electrical load on or off based on a small input current or voltage.</p>	<p>A set of light levels saved into the memory of a lighting controller for recall by pressing the associated button on the controller.</p>
<p>The standard unit of measurement for electrical potential. It defines the "force" or "pressure" of electricity.</p>	<p>Control device that is manual on/automatic off to turn lights off after the space becomes unoccupied. May be ultrasonic, infrared or both.</p>
<p>The unit for measuring electrical power. It defines the rate of energy consumption by an electrical device when it is in operation.</p>	<p>Describes a wall-mounted switch or dimmer.</p>