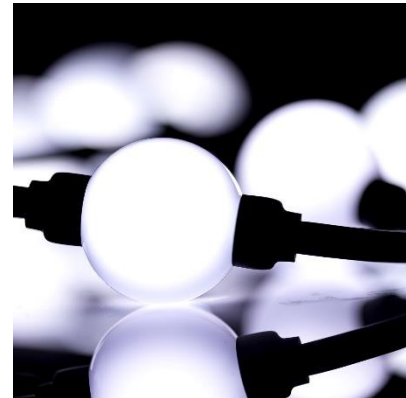


PixelControl LED Spheres

Part numbers: **RGB-pixelcontrol-sphere, DL-pixelcontrol-sphere**



LED PixelControl Spheres from Environmental Lights offer an exciting new form factor for individually addressable pixel lights. Each sphere can be individually controlled for brightness and color mixing (RGB only) with a PixelControl compatible DMX decoder or controller. Two LEDs are housed within each diffused sphere for a 360-degree viewing angle. Both strands operate at 12V and are linkable end-to-end. They are also compatible with 4-pin compression fit connectors for more connection options. Standard strings are 1-meter long with 10 spheres.

Both RGB-pixelcontrol-sphere and DL-pixelcontrol-sphere products can be fully customized as required for more creative applications. This includes everything from custom string length and spacing to custom connectors. PixelControl Spheres can be used to create impressive hanging curtains or even 3-D matrixes. Contact us today to get your custom project started.

Specifications

Part Number	RGB-pixelcontrol-sphere	Part Number	DW-pixelcontrol-sphere
Dimensions	39.4" L x 1.1" DIA 1000mm L x 27.5mm DIA	Dimensions	39.4" L x 1.1" DIA 1000mm L x 27.5mm DIA
Input Voltage	12V DC	Input Voltage	12V DC
Control Type	PixelControl	Control Type	PixelControl
Power Per Sphere	0.7W	Power Per Sphere	0.7W
Light Color	RGB	Light Color	Daylight White
Ingress Protection	IP65	Ingress Protection	IP20

Wiring and Control

Caution: Do not apply a data signal unless the product is connected to 12V DC power. Always ensure that the data signal is applied to the input side. Failure to follow these guidelines may damage the product.

Instructions:

1. Make sure that power and data signals are turned off before making any connections.
2. Connect the input side of the PixelControl Sphere string to the power supply and controller using a compression fit connector. Red is +12V DC, black is ground and blue is data. Green is reserved for certain custom applications. Shown with
 - a. Power and data may come from one unit or separately. If power and data are supplied separately, be sure to connect the ground of the power supply and data output.
3. Power-on the 12V supply.
4. Begin controlling the PixelControl LED Spheres. Refer to the manual for your specific controller for detailed instructions.
 - a. Both RGB and DW models assign 3 control channels to each sphere.

