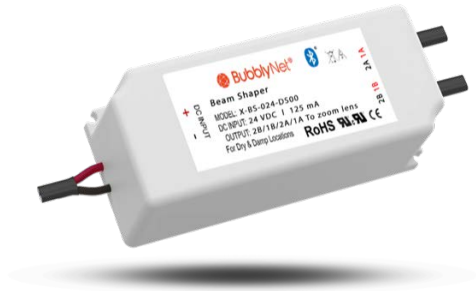


Beam Shaper Controller | Model: C-B1S-24-DS00



Specifications

- Input Power: 24VDC;
- Maximum Power Consumption: 3W;
- Pin Output: 4 Pin Zoom Lens;
- Not Gateway required
- Operating Temperature - -22° to 158°F (-30° to 70°C)
- Driver Dimensions - 3.54" x 1.7" x 1.36" (90 x 43.2 x 34.5 mm)

Description

The **Beam Shaper Controller** is a mesh qualified device that controls the Beam Shaper lens in a Bluetooth mesh system. It controls the beam angle of the luminaire from 10° to 65°.

Applications

- Beam angle can be controlled by App or switch.
- Beam angle can be programmed as a scene.
- Beam angle can be triggered by a sensor.
- Works with Lensvector M2M Series 35mm, 48mm and 65mm.

Certifications



Installation

The installation of the **Beam Shaper Controller** is very simple. As soon as the Controller is powered on it will start broadcasting the non-provisioned advertising messages that will tell the provisioning app that a new device is ready to join. The provisioning app will connect, configure security keys, addresses and other data so the new Controller can join the Mesh Network. After the new Controller joins the Mesh Network it is ready to be configured (publishing /subscribing data.)

Connectivity

Devices are repeaters for other devices and should be installed within a certain maximum distance from each other.

Typical maximum distance:

<u>Outdoor (line of sight):</u>	200ft
<u>Indoor (through building material):</u>	
Glass:	100ft
Drywall:	70ft
Cinderblock:	60ft
Brick:	50ft
Concrete + rebar	0ft

Devices with external antenna should have the antenna outside any metal box and away from metal surfaces as metal reduces connectivity.

For design purposes a 60ft. maximum distance is appropriate for most installations.