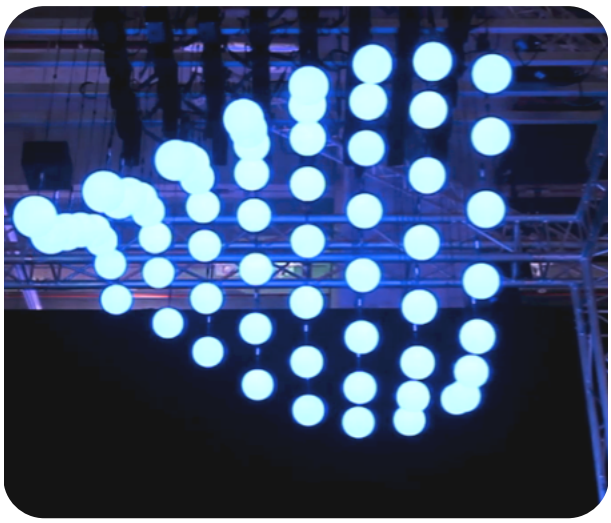
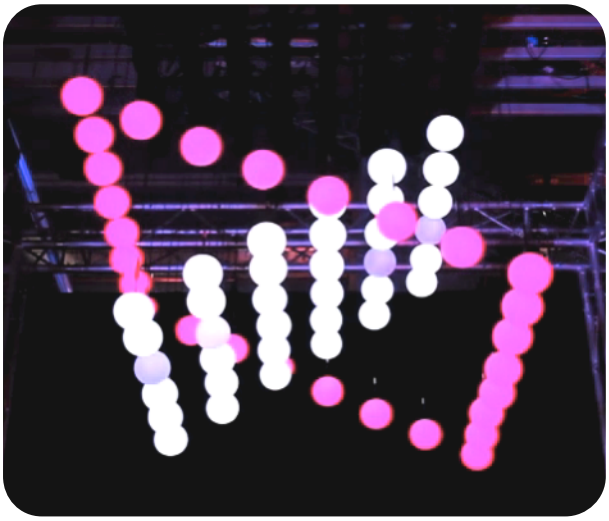
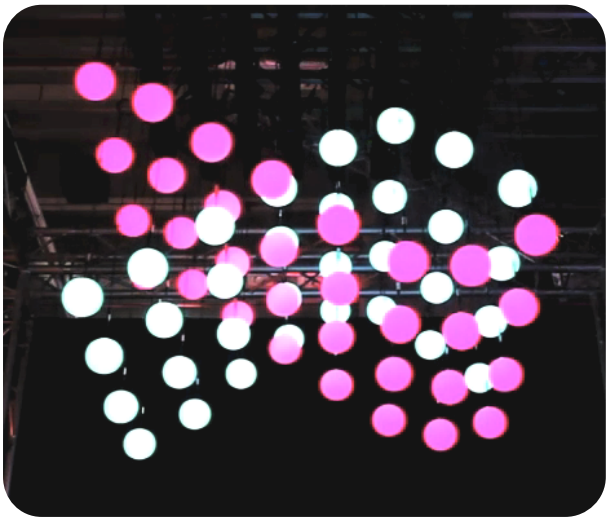
Kinetic LED System

ORBIS XL





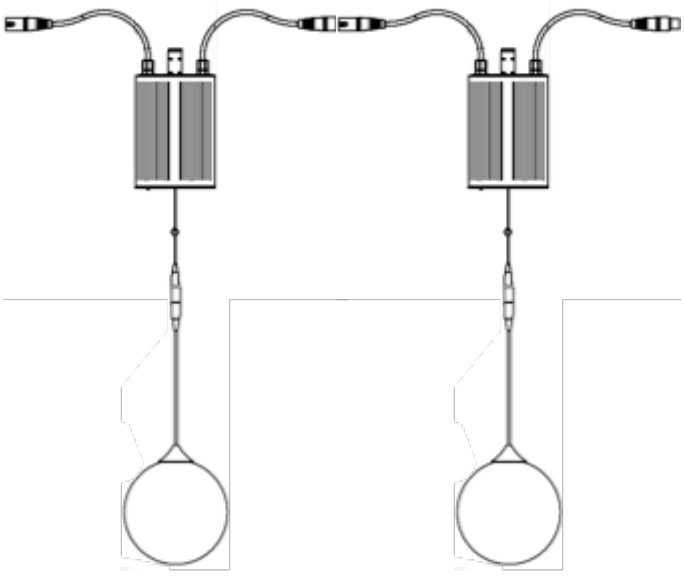


ORBIS XL is a unique LED Lighting Fixture that enables a perfect combination of lighting and movement. ORBIS-XL is a simple and bright idea – to move up and down an illuminated object – a merge of the art of lighting with mechanical technology. Inspired by nature, this is the right product for your ambitious lighting project that can literally soar overhead.

Existing objects are RGB-LED-Spheres with 120mm or 160mm diameter. LED Spheres are connected to a motor unit using very thin, signal cable. Each light ball can be adjusted individually in height, speed, color and luminance - simply by industry standard control equipment.

Array creations of controllable motor units with light balls can generate complex three-dimensional abstract shapes and visual effects.

It's designed to impress!



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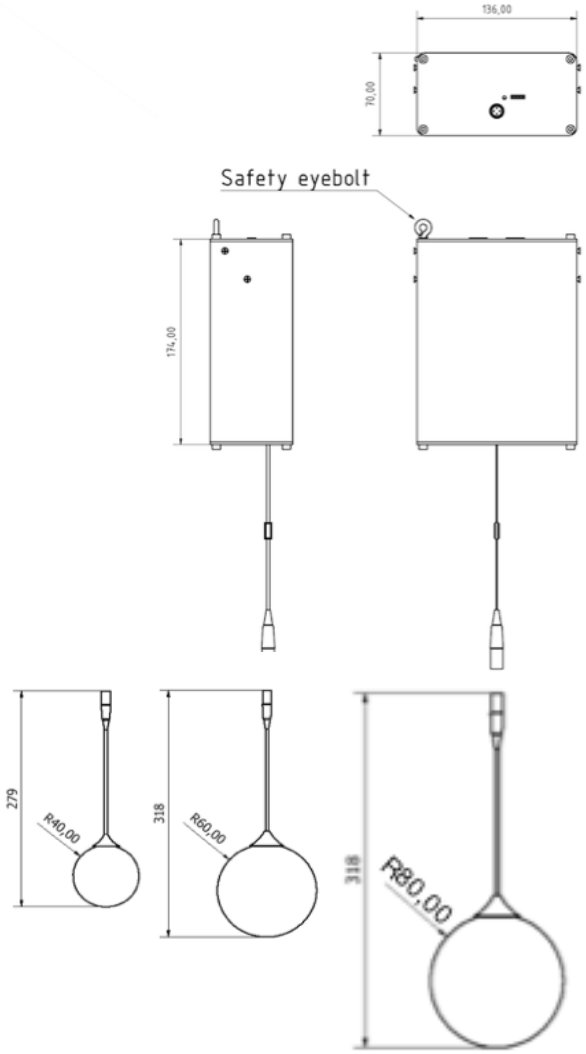
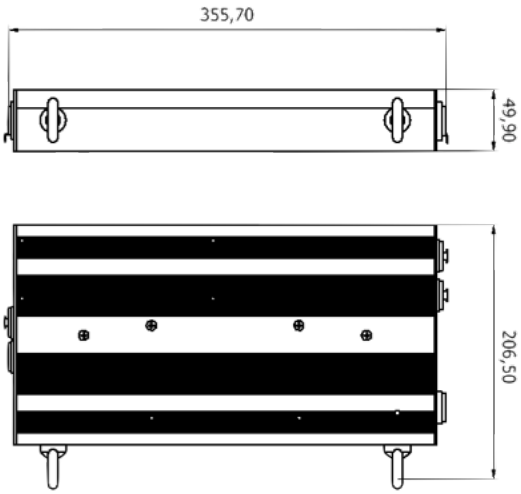
LED Objects diameter 120mm / 160mm





Technical data:

Motor unit:

Speed :	0-0,15m/sec XLs-Version;
	0-0,45m/sec. XL-Version
Lifting hight:	6m
Weight :	1,5kg

Size(L x W x H) 70mm x 140mm x 175mm

LED-Objects:

Weight	LED-Sphere 120mm: 152g
Light Source:	9 Nichia SMD / 15000mcd
	Max. 2x12 / Controller

Weight	LED-Sphere 160mm: 250g
LED-Object:	9 Nichia SMD / 15000 mcd
	Max. 2x10 / Controller

ArtNet Controller:

Control type:	ArtNet
Power:	PSU 230/110V 360W
Weight:	2,5kg

Size(L x W x H) 260mm x 120mm x 45mm

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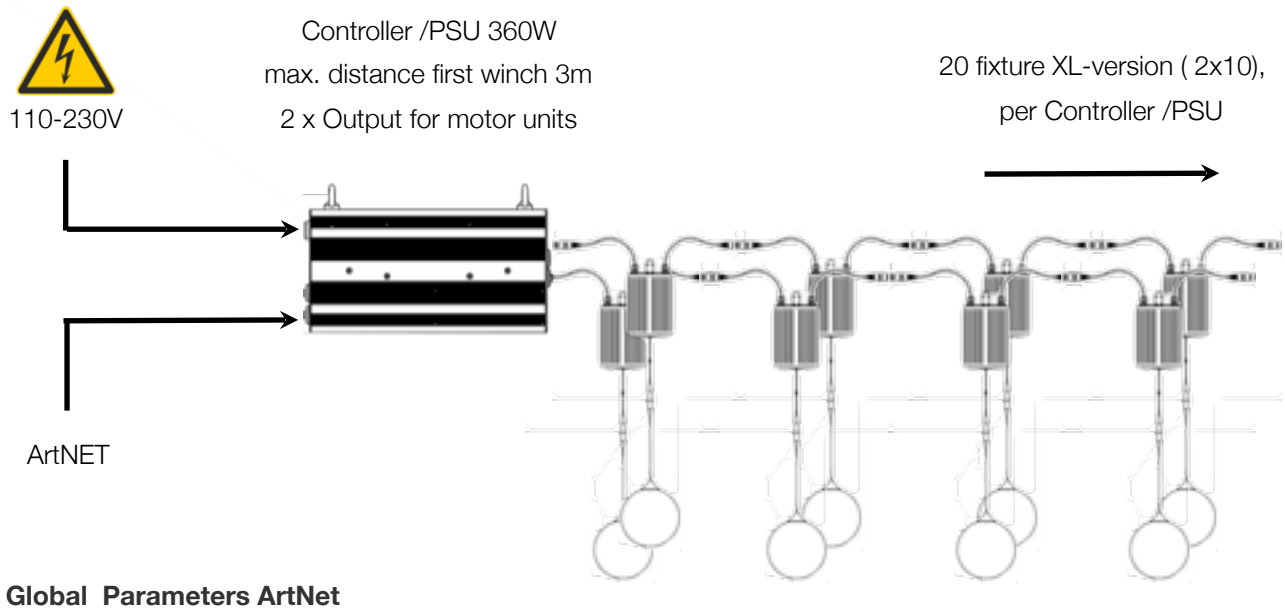
ORBIS-FLY-XL system is controlled via ArtNet protocol from any DMX Lighting desk or media-server application.



Global Parameters ArtNet

Art-Net is an Ethernet communication protocol developed by Artistic Licence. Art-Net is a simple implementation of DMX512-A protocol over UDP, in which packets containing lighting settings are transmitted over IP packets, typically on a private local area network such as Ethernet. Controller has two outputs for Motor Units. Each Motor Unit has its number in a chain. Motor Units are identical and auto-addressable, and thus can be replaced or exchanged without need to setup its address.