POWER SUPPLIES
100-240V 50/60Hz.

INPUT POWER
1250 VA @230Vac - 50Hz.

LIGHT SOURCE
37 RGBW LEDs driven at 40 Watt.
Type: OSRAM OSTAR - Stage II LE RTDUW S2WN.
Color Temperature: 6000 K.
Life: 50000 hrs.

OPTICS
4°-60° Electronic Zoom Range.

EFFECTS SECTION
Three operating modes: wash, beam, FX (Kaleido effects).
Bi-directional Rotating Front Lens.
Digital Wash-Beam Framing effect.
Beam edge softening control (in Wash mode).
Pixel Patterning Macros with enhanced control.
0-100% linear electronic dimmer.
Adjustable speed stop/strobe effect, with instantaneous blackout.
Dedicated channel for color temperature setting.
White CT Emulation 2500-8000K.
RGBW auto-tuning to lamp CT Emulation.
Tungsten Lamp Emulation.
Slow Strobe: 1 flash/sec; Fast Strobe: 25 flash/sec.

CONTROL AND PROGRAMMING
22/36/111/148 DMX channels.
Basic Engine (Standard and Shape Mode).
Pixel Engine (RGB and RGBW Mode).
DMX protocol signal: USITT DMX 512.
Art-Net / RDM / sACN.
Arkaos Kling-Net protocol already included in the firmware.
Pan/Tilt Resolution: 16 bit.
Dimmer Resolution: 16 bit.
Movement control: vectorial.
DMX signal connection: 3 and 5 pole XLR input and output.
Software upload through DMX input.

BODY
Aluminum structure with die-cast plastic cover.
Two side handles for transportation.
PAN and TILT lock for transport and maintenance.

IP RATING
IP 20 - Protected against the entry of solid bodies larger than 12mm (0.47"); No protection against the entry of liquids.

NOISE LEVEL
Auto Mode Super Silent 35.0 dBA (background 32.5).
Auto Mode Silent 36.0 dBA (background 32.5).
Auto Mode Standard 39.0 dBA (background 32.5).

ELECTRONICS
Long-life auto-charging buffer battery.
Preset color and graphic effect macros.
Function reset controllable from a central control unit.
Menu-driven internal self-test function.
Ethernet ready with RJ45 socket.
Display: backlit black-and-white graphic LCD display.
Electronic check-up of every single parameter with error alarm.
DMX level monitoring on each channel.
Automatic internal data transmission error diagnostics.
Firmware upgrade even when the unit is not connected to the power supply.
Firmware transfer from one light to another.

MOTORS
Stepper motors, microprocessor controlled.

MOVING BODY
Movement by means of two stepper motors, controlled by microprocessor.
Automatic repositioning of PAN and TILT after accidental movement not controlled by control unit.
Travel:
- PAN = 540°
- TILT = 210°

WORKING POSITION
Working in any position.
Hanging system: with fast-lock omega clamps (1/4 turn) on the base.
Optional safety chain.

SAFETY DEVICES
Automatic power safety derating in case of overheat of the LED board
Forced ventilation.

CE MARKING
In conformity with the European Directives:
2014/35/EU - Safety of electrical equipment supplied at low voltage (LVD).
2014/30/EU - Electromagnetic Compatibility (EMC).
2011/65/EU - Restriction of the use of certain hazardous substances (RoHS).
2009/125/EC - EcoDesign requirements for Energy-related Products (ErP).

ETL
This product is available, on demand, with cETLus Listed Mark.

PACKAGING
Carton box + Polystyrene.
Carton box + Foam shell.
Flight case + Foam shell (2 position).

WEIGHT
27,5 Kg (60.6 lbs).