

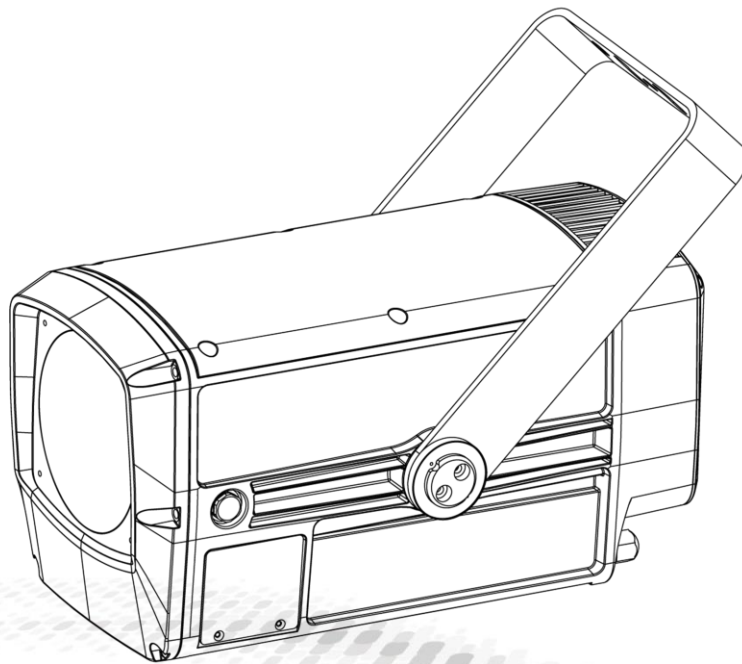


创意源于追求
Own Idea Of Lighting

Eidolon Ripple 150

USER MANUAL

arctik[®] Eidolon Ripple 150
ARCHITECTURAL TECHNOLOGY AG1841



MODEL: AG1841SCT



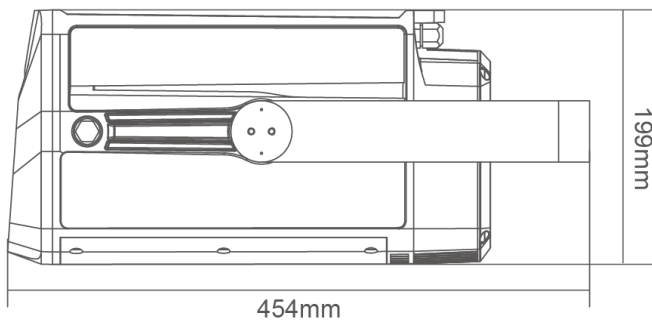
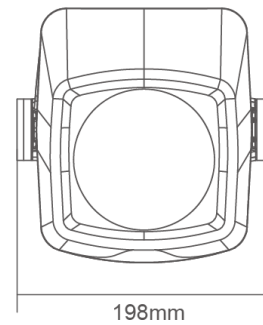
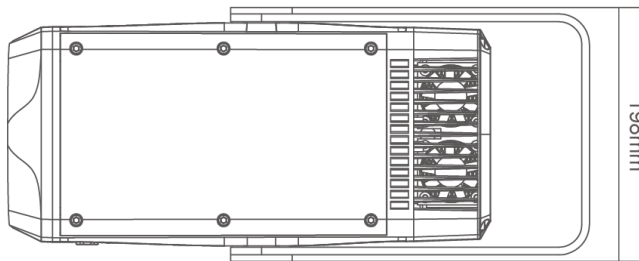
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1 PRODUCT

1.1 TECHNICAL SPECIFICATIONS

Type	AG1841SCT
LED colors	100W LED
Power	150W
Voltage Range	AC100~240V,50/60Hz
Protection	IP66
Operation Temperature	-20°C~45°C
Dimensions	454X198X199mm
Weight	8kg

DIMENSIONS



1.2 Safety Notes

IMPORTANT

- This product must be installed by a qualified professional.
- In order to maintain this condition and to ensure a safe operation, it is absolutely necessary for the user to follow the safety instructions and warning notes
- The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to the device.

CAUTION!

- Make sure that the available voltage is not higher than stated on the rear panel.
- Do not touch the power cables if your hands are wet.
- The earth wire must always be connected to the ground. Therefore it is essential to connect the yellow/green conductor to earth.
- Make sure that the power-cord is never crimped or damaged by sharp edges. Check the device and the power-cord from time to time. The electric connection, repairs and servicing must be carried out by a qualified employee.
- Always disconnect power input cable to completely remove power from unit when not in use or before cleaning or servicing the fixture.
- Do not switch the fixture on and off in short intervals as this would reduce the lamp's life.
- Do not touch the device's housing bare hands during its operation (housing becomes hot)! The surface of the product's casing can reach up to 70° C (158° F) during operation. Avoid contact by persons and materials. Do not install the product in a location where there is a risk of accidental contact. Allow the product to cool for at least 10 minutes before handling.
- For replacement use lamps and fuses of same type and rating only.
- Please protect the fixture and avoid destroy during transport and installation. If there is any damage to the coating, the shell may be corroded.
- When hanging lamps and lanterns, it is necessary to verify that facilities and hooks can bear at least 10 times the weight of lamps and lanterns.
- Fix the safety rope at the correct holes only. Only operate the fixture after having checked that the housing is firmly closed and all screws are tightly fastened.
- The maximum ambient temperature 45°C must never be exceeded. Do not operate the product if the ambient temperature (Ta) exceeds 45° C (115° F).

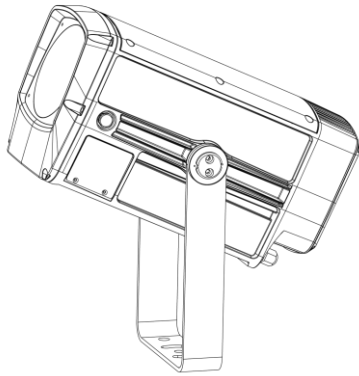
Electrical Warning

- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person

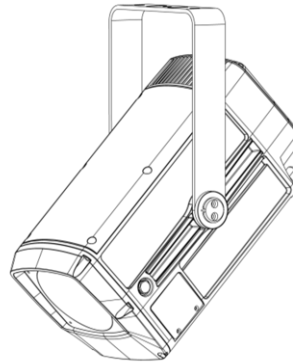
2 INSTALLATION

2.1 MOUNTING

- ◆ The fixture can be mounted in any position.
Always ensure that mounting surface can withstand 10 times the weight of the fixture..
- ◆ Always use a safety cable when mounting the fixture in any elevated position.



UPRIGHT



HANGING

2.2 POWER CONNECTIONS

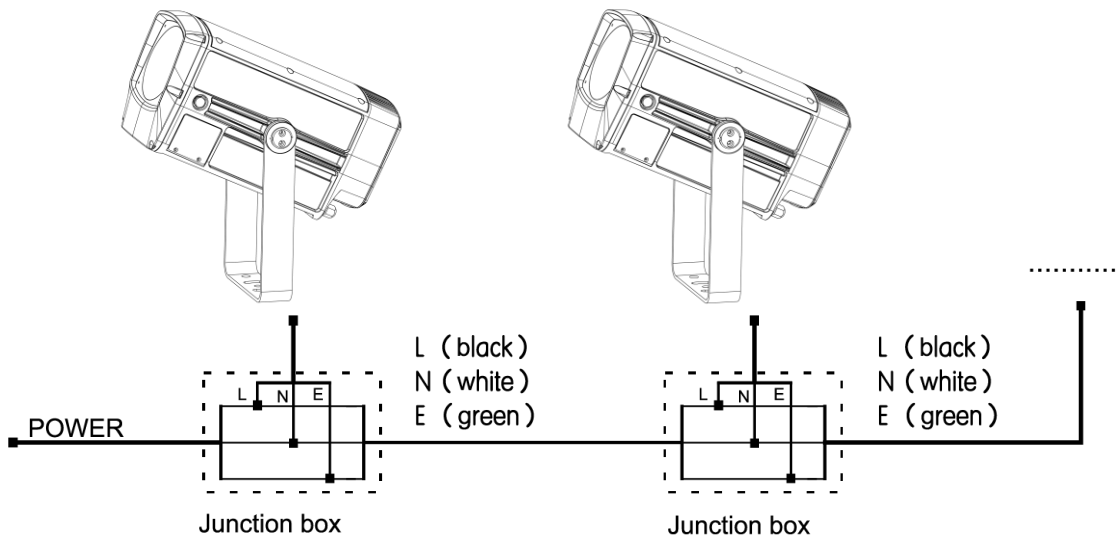
- ◆ This product has an auto-ranging power supply that can work with an input voltage range of 100–240 VAC, 50/60 Hz.

AC Plug

Connection	Wire (U.S.)	Wire(Europe)	Screw Color
AC Live	Black	Brown	Yellow/Brass
AC Neutral	White	Blue	Silver
AC Ground	Green/Yellow	Green/Yellow	Green

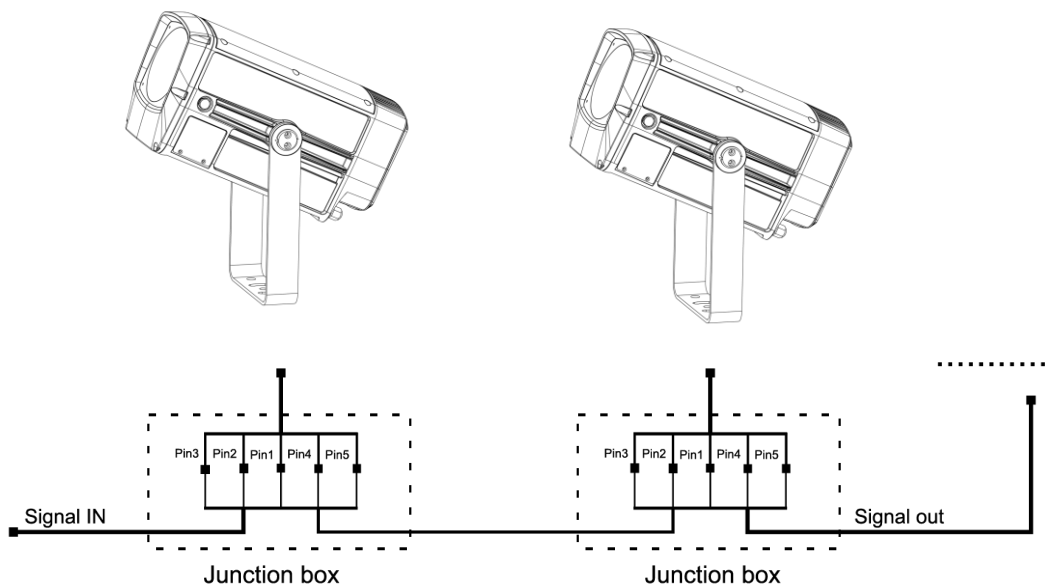
2.3 Power connections

- ◆ This product provides for the use of input power and signal cables are three-core, the connection diagram is as follows



2.4 Signal connections

- ◆ If the signal cable is over 60m between the DMX512 controller and fixture or between two fixtures, then a DMX signal amplifier is needed as well.



3 FUNCTIONS AND SETTINGS

3.1 DISPLAY OPERATION

- ◆ MENU: Used to access the menu or to return a previous menu option;
- ◆ ENTER: Used to select and store the current menu or confirm the current function value or option within a menu;
- ◆ UP: Navigates downwards through the menu list and increases the numeric value when in a function;
- ◆ DOWN: Navigates upwards through the menu list and decreases the numeric value when in a function;

3.2 Menu Map

ADDRESS	001-512 (default 001)		DMX address setting	
PERSON	STANDARD (default)		Use the menu to select desired channel mode	
	BASIC			
RUN MODE	DMX512 (default)		Select Signal	
	AUTO			
	EDIT1			
	EDIT2			
OPTION	DIMMER	DIM4 (default)	Dimming curves DIM1 (fast) to DIM4 (slow);	
		OFF		
	DMX ERROR	SAVE (default)	Hold after loss of DMX signal	
		BLACK	Blackout after loss of DMX signal	
	PWM	1200HZ (default)	Sets the PWM frequency	
		2400HZ		
		4000HZ		
		6000HZ		
		25000HZ		
	PERFORM	LIVE (default)	Automatic rotation of fan	
		POWER	Fast rotation of fan, all power	
		STUDIO	Fan mode low speed	
	DISP KEY	ON (default)	Locks display (passcode is UP\DOWN\UP\DOWN\ENTER)	
		OFF		
	DISP TIME	ON	Turns off display backlight after 10s/30s/2min of inactivity	
		10s		
		30s (default)		
		2min		
	LOAD PARA	NO (default)	Upload data	
		YES	Not upload data	
	SETTING	RECOVERY	****	Restore default factory settings.

		CLEAN EDIT1	****		Clean customer self-editing scene 1	
		CLEAN EDIT2	****		Clean customer self-editing scene 2	
	WDMX	NO (default)			Clear the receiver's message	
	RESET	YES			Do not clear the receiver's message.	
	SIGNAL	ONLY XLR (default)			ONLY XLR is wire only	
		XLR FIRST			XLR FIRST is wire first	
		ONLY WDMX			ONLY WDMX is wireless only	
		WDMX FIRST			WDMX FIRS is wireless first	
		WDMX TO DMX			WDMX TO DMX is wireless to wired	
	LANGUAGE	CHINESE			LANGUAGE	
		ENGLISH (default)				
EDIT	EDIT 1-2	STEP(01-30)	COLOR	0-255	Edit the custom programs1-30 Select play 【EDIT 1】 in RUNMOEDE CUSTOM 1; Select play 【EDIT 2】 in RUNMOEDE CUSTOM 2	
			ANIMATION 1	0-255		
			ANIMATION 2	0-255		
			FOCUS	0-255		
			ZOOM	0-255		
			DIMMER	0-255		
			STROBE	0-255		
			TIME	0-255		0-255(Multiply by 0.1s)
		USE	0-255	Run the program		
MANUAL	AUTO TEST				Automatic Testing	
	MANUAL TEST	COLOR	0-255		Manual control channel	
		ANIMATION 1	0-255			
		ANIMATION 2	0-255			
		ZOOM	0-255			
		FOCUS	0-255			
		DIMMER	0-255			
		STROBE	0-255			
	DEBUG HIDE	YES			Factory testing mode. All stepper motors are not controlled by signal, It only works again after the reset.	
		NO				
	RESET	ALL RESET				All reset
		COLOR SYSTEM				COLOR reset
		OTHER				
INFO	FIXTURE HOURS				Hours of fixture use	
	TEMPERATURE				LED temperature	
	VERSION				Software versions	
	RDM	UID				RDM information
LABEL						

	SYSTEM ERROR	Memory IC		Memory IC
		Angle Sensor		Angle Sensor
		Temperature		Temperature
		Color Reset		Color Reset
		Anima Reset		Anima Reset
		Zoom Reset		Zoom Reset
		Focus Reset		Focus Reset
SERVICE	****	COLOR	±127	Color position fine adjustment
		FOCUS	±127	Focus position fine adjustment
		ZOOM	±127	Zoom position fine adjustment

All passwords of this product are <UP>, <DOWN>,<UP>, <DOWN>, <ENTER>)

4 USING A DMX512 CONTROLLER

4.1 DMX CONTROL

BASIC (8CH)	STANDARD (11CH)	VALUE	FUNCTION
1	1	0-255	Dimmer
--	2	0-255	Dimmer fine
2	3	STROBE	
		0-9	No Function
		10-99	Strobe (From slow to fast)
		100-109	No Function
		110-179	Lightning Strobe
		180-189	No Function
		190-255	Random Strobe
3	4	COLOR WHELL 4+1	
		000-007	White
		008-015	Color 1
		016-023	Color 2
		024-031	Color 3
		032-039	Color 4
		040-191	Color Wheel 0-360°
		192-222	Color Wheel Rainbow Effect(Speed 100%->1)
		223-224	Stop
		225-255	Color Wheel Rainbow Effect(Speed 1->100%)
--	5	000-255	Color Wheel fine
4	6	Dynamic Effect 1	
		0-10	Stop
		11-131	Dynamic Effect Wheel Flow Effect, Clockwise, fast to slow
		132-134	Stop
		135-255	Dynamic Effect Wheel Flow Effect, Anticlockwise, slow to fast
5	7	Dynamic Effect 2	
		0-10	Stop
		11-131	Dynamic Effect Wheel Flow Effect, Anticlockwise, slow to fast
		132-134	Stop
		135-255	Dynamic Effect Wheel Flow Effect, Clockwise, fast to slow
6	8	0-255	Zoom
7	9	0-255	Focus
--	10	0-255	Focus fine
8	11	CONTROL (EXECUTE AFTER 3 SECONDS)	

	000-010	NO FUNCTION
	011-060	RESERVED
	061-070	LIVE
	071-080	STUDIO
	081-090	POWER
	091-100	RESERVED
	101-110	DIMMER OFF
	111-120	DIMMER DIM4
	121-150	RESERVED
	151-160	1200Hz
	161-170	2400Hz
	171-180	4000Hz
	181-190	6000Hz
	191-200	25000Hz
	201-210	ALL RESET
	211-220	COLOR RESET
	221-230	ZOOM/FOCUS RESET
	231-255	RESERVED