

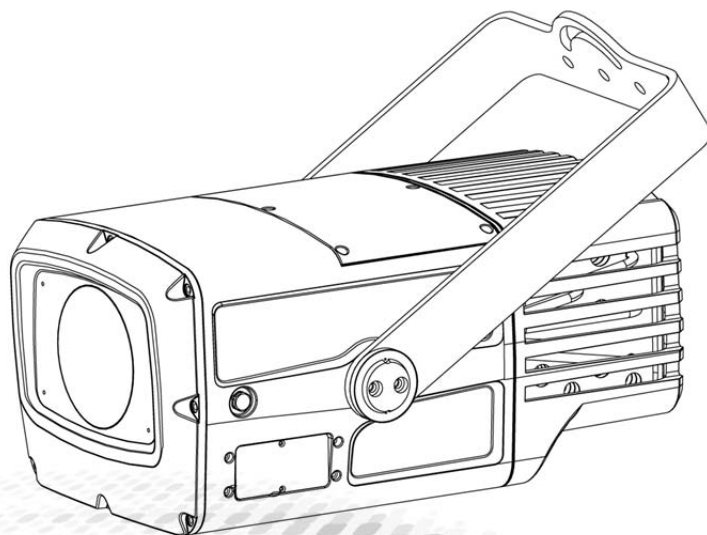


创意源于追求
Own Idea Of Lighting

Eidolon Ripple 350

USER MANUAL

arctik[®] Eidolon Ripple 350
ARCHITECTURAL TECHNOLOGY AG1861



MODEL:AG1861SCT



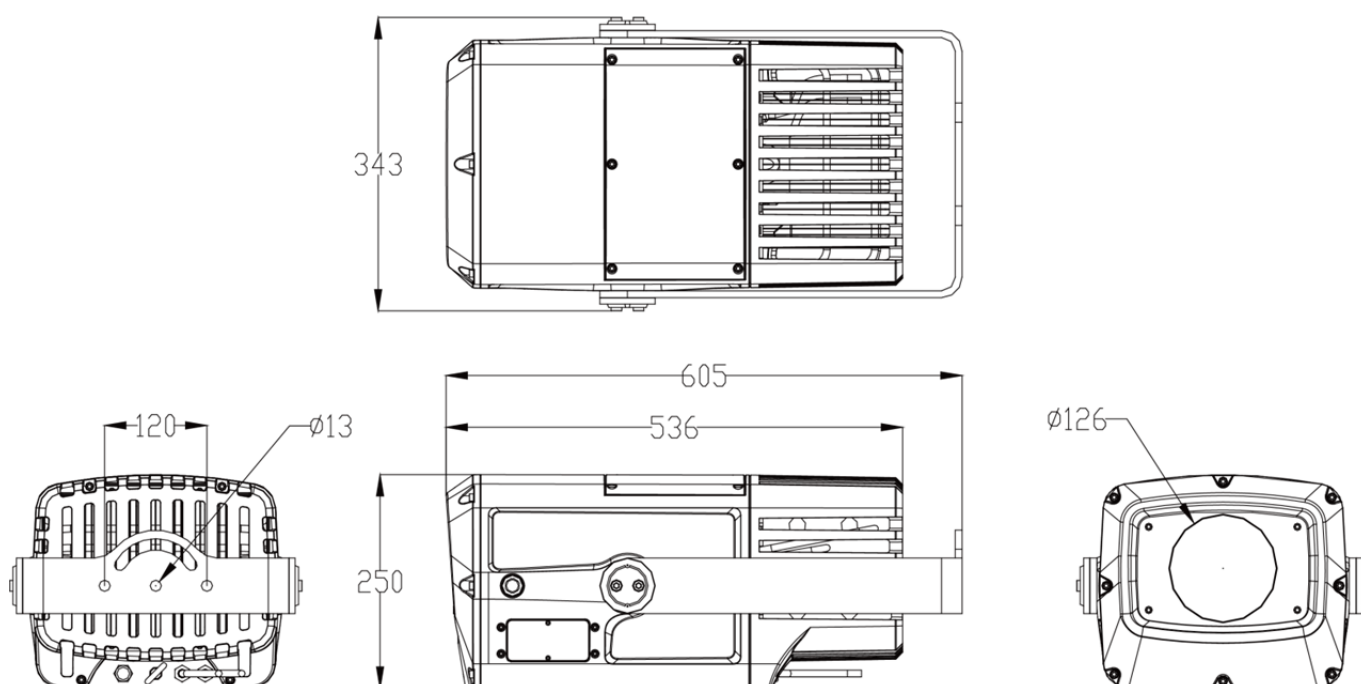
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Since 1985

1 PRODUCT

1.1 TECHNICAL SPECIFICATIONS

Type	AG1861SCT
LED colors	350W LED
Power	350W
Voltage Range	AC100~240V,50/60Hz
Protection	IP66
Operation Temperature	-20°C~45°C
Dimensions	605×343×250mm
Weight	18.5kg



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

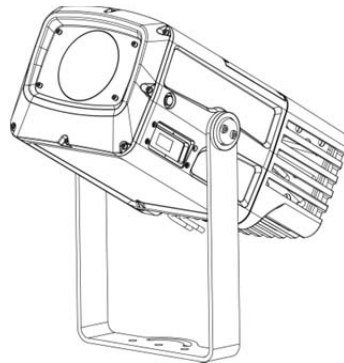
- The light source contained in this luminaire shall only be replaced by the manufacturer or his service agent or a similar qualified person

2 INSTALLATION

2.1 MOUNTING

HANGING

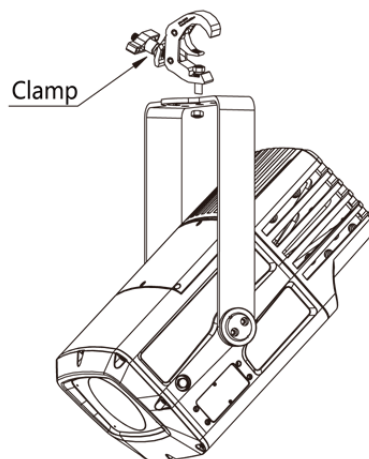
- ◆ You could place the light on the floor. Please make sure the surface is plane and the reliability of the floor is sufficient.
- ◆ Bolt a rigging clamp securely to the mounting yoke. The bolts used must be M12, grade 8.8 steel minimum, and fastened with a self-locking nut.



Horizontal layout

UPRIGHT

- ◆ For overhead use, always install a safety cable that can hold at least 10 times the weight of the fixture.
- ◆ For overhead installation, the fixture must be always secured with a safety wire that can bear at least 10 times the weight of the fixture; Secure the fixture with a safety cable through the rear safety eye as shown.
- ◆ Ensure that the structure (truss) to which you are attaching the fixture is secure



Hanging layout

2.2 POWER CONNECTIONS

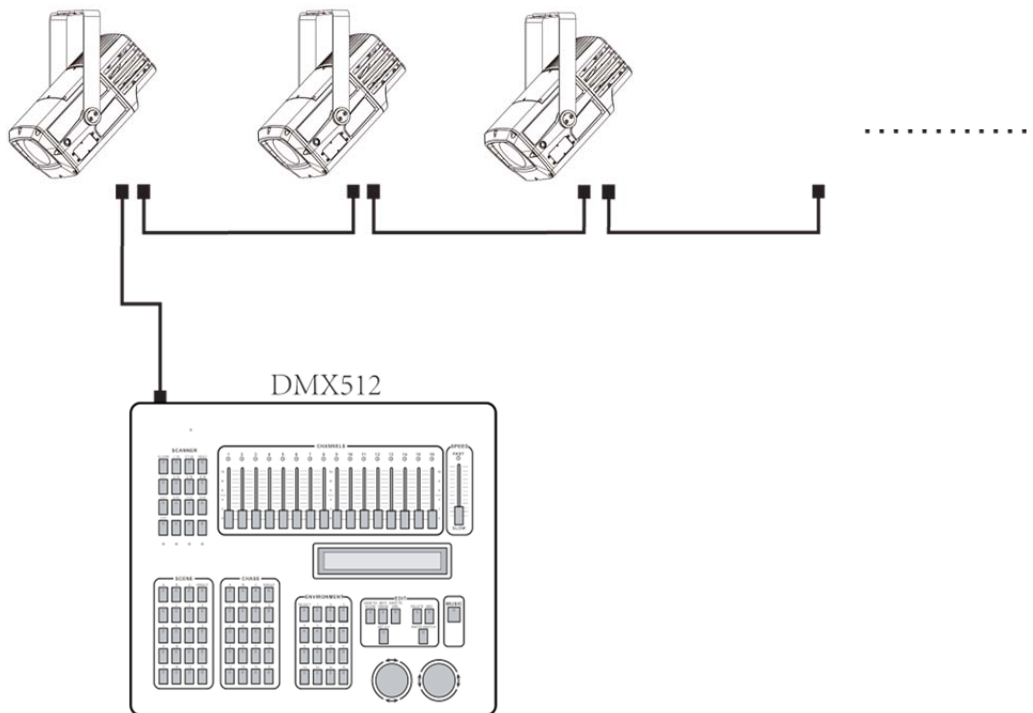
- ◆ This product has an auto-ranging power supply that can work with an input voltage range of 100–240 VAC, 50/60 Hz.

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 Data network requirements

- ◆ Connect the DMX512 controller to the units in series. A DMX 512 data link is required in order to control the fixture via DMX. The fixture has 3/5-pin XLR connectors for DMX data input and output.
- ◆ Each unit has 13 DMX channels so the DMX Addresses should increase by increments of 1, (Nx1)+1, (Nx2)+1, (Nx3)+1...
- ◆ Any DMX address in the range from 001 to 512 may be used.



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)		Set the DMX ADDRESS		
PERSON	STANDARD(Default)		Use the menu to select desired channel mode		
	BASIC				
RUNMODE	DMX512(Default)		[DMX] Using the DMX 512 controller to control;[SLAVE] Master--Slave operation.		
	AUTO				
	CUSTOM1				
	CUSTOM2				
OPTION	DIMMER	DIM4(Default)		Dimming curves OFF (fast) to DIM4 (slow);	
		OFF			
	DMX ERROR	SAVE(Default)		Hold after loss of DMX signal	
		BLACK		Blackout after loss of DMX signal	
	DISPLAY ON	OFF(Default)		Turns off display backlight after 30s of inactivity	
		ON		Display backlight always on	
	DISPLAY LOCK	OFF		Locks display (passcode is <UP>, <DOWN>,<UP>, <DOWN>, <ENTER>)	
		ON(Default)			
	LOAD PARA	NO		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 RESET	NO(Default)		Do not clear the receiver's message	
		YES		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	
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	
			ANIMA_ROT	0-255	
			FOCUS	0-255	

			ZOOM	0-255		
			DIMMER	0-255		
			STROBE	0-255		
			TIME	0-255		
			USE	YES	Select YES to run the steps user need.	
				NO		
MANUAL	AUTO TEST			Auto Test channel		
	MANUAL TEST	COLOR	0-255		Manual control channel	
		ANIMATION 1	0-255			
		ANIMATION 2	0-255			
		ANIMA_ROT	0-255			
		ZOOM	0-255			
		FOCUS	0-255			
		DIMMER	0-255			
		STROBE	0-25			
	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			Select Yes/No to carry out all reset	
		COLOR SYSTEM			COLOR reset	
ANIMATION SYSTEM			Animation reset			
OTHER			Zoom/ Focus reset			
INFO	FIXTURE HOURS			Hours of fixture use		
	LED USE HOURS			LED use time		
	TEMPERATURE			LED temperature		
	VERSION			Software versions		
	RDM	UID	0x388Axxxxxxx		Check fixture's ID	
		LABEL	Eidolon Ripple 350		Check fixture's 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	

4 USING A DMX512 CONTROLLER

4.1 DMX CONTR

BASIC	STANDARD	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 WHEEL 5+1	
		000-007	White
		008-015	Color 1
		016-023	Color 2
		024-031	Color 3
		032-039	Color 4
		040-047	Color 5
		048-191	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, Clockwise, fast to slow
		132-134	Stop
		135-255	Dynamic Effect Wheel Flow Effect, Anticlockwise, slow to fast
6	8	Dynamic Effect Angular rotation	
		0-255	Transverse rotation to longitudinal0-90°
7	9	0-255	Zoom
8	10	0-255	Focus
--	11	0-255	Focus fine
9	12	Control	
		0-15	No Function
		16-39	DIM4(Execute after 3 seconds)

		40-63	DIM3(Execute after 3 seconds)
		64-87	DIM2(Execute after 3 seconds)
		88-111	DIM1(Execute after 3 seconds)
		112-135	DIM0(Execute after 3 seconds)
		136-159	All Reset (Execute after 3 seconds)
		160-183	Color System Reset (Execute after 3 seconds)
		184-207	Effect Reset (Execute after 3 seconds)
		208-231	Focus/Zoom Reset (execute After 3 Seconds)
		232-255	No Function