

Super Beam 300

User Manual



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TECHNICAL PARAMETERS

Light source

Voltage: 100-240V 50 / 60HZ;

Power: 380 W;

Lamp: MSD Philips MSD300W

Light lamp life: about 2200 hours, color temperature: 8,000 K;

Optical

Electric focusing, beam angle $0 \sim 4^\circ$;

Effect

Color disk: a color plate, each color disk is composed of 14 color sheets;

Pattern plate: 13 pattern effects;

Effect wheel: two large-angle rotatable prisms (superposable), double-layer prism/16-prism (optional prism);

Atomization function colorful color plate;

0- 100% mechanical dimming, support mechanical stroboscopic and adjustable stroboscopic effect, support stroboscopic macro function;

Construction

Horizontal scanning: 540° (16bit precision scanning) electronic error correction;

Vertical scanning: 270° (16bit precision scanning) electronic error correction;

Overheating protection;

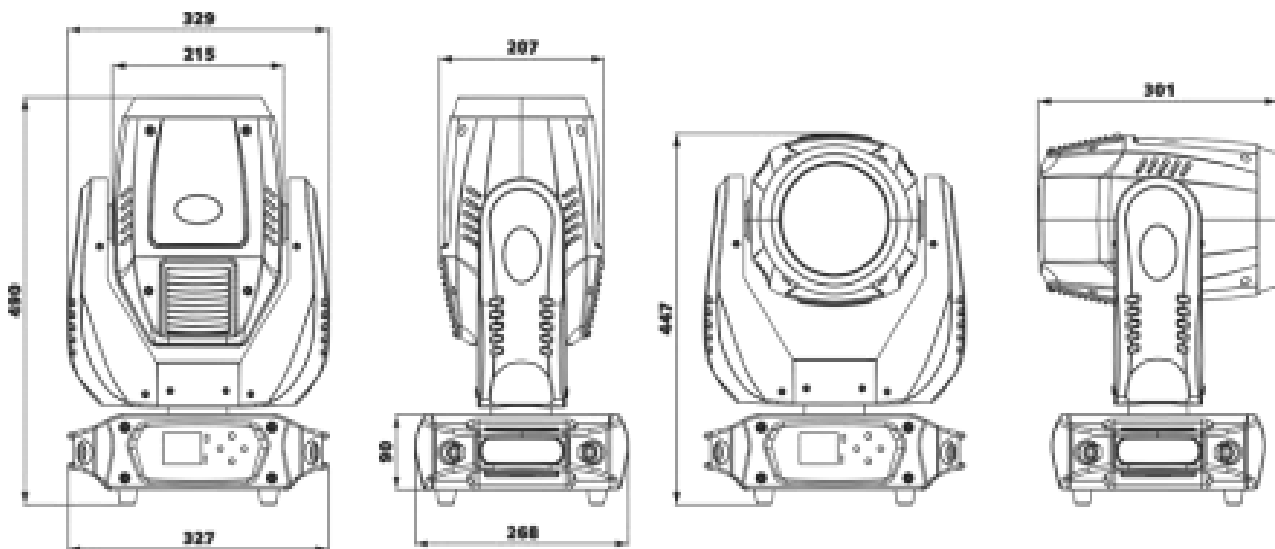
IP20;

Weight&Dimension

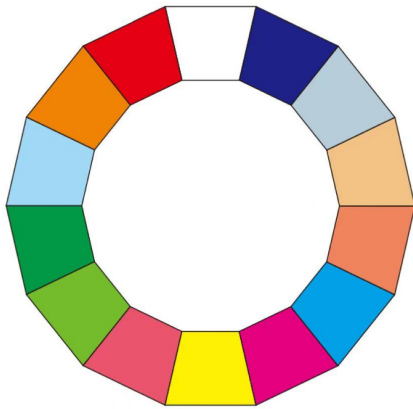
Product size: 327 (length) X 268 (width) X 490 (height) mm

NW: 13kg

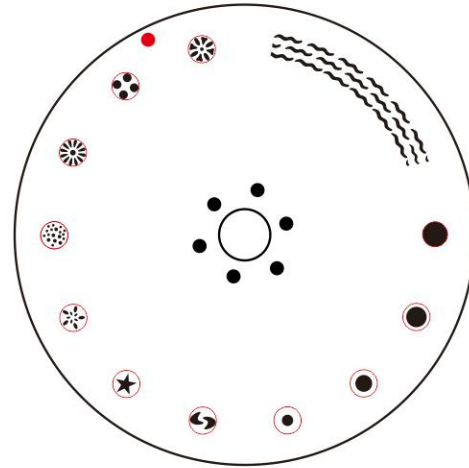
SIZE DRAWING



COLOR WHEEL



GOBO WHEEL



Chapter 1 Installation and attention

Maintenance

- To reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.
- Intermittently using will extend this item's service life.
- Please clear the fan ,fan net , and optical lens in order to keep good work state.
- Do not use the alcohol or any other organic solvent to wipe the shell.

Statement

The product has perfect performance and integrity packing. All users should be strictly complying with the warning and operating instructions as stated. Or we aren't in charge of any result by misusing. Any damage resulting by misuse is not within the Company's warranty. Any fault or problem caused by neglecting the manual is also not in the charge of dealers.

Note: All information is subject to change without prior notice.

Safety Precaution

- In order to guarantee the product's life, please don't put it in the damp places or even the environment over 60degrees.
- Always mount this unit in safe and stable matter.
- Install or dismantle should operate by professional engineer.
- Using lamp, the change rate of power voltage should be within $\pm 10\%$, If the voltage is too high, it will shorten the light's life; If it's not enough, will influence the effect.
- Please restart it 20 minutes later after turning off light , until full-cooling. Frequent switching will reduce the life span of lamps and bulbs; intermittent using will improve the life of bulbs and lamps.
- In order to make sure the product is used well, please read the Manual carefully.

Menu structure and function instructions

Main menu	Secondary menu	Third level menu
Address setting	1-512	
Lighting setup	Channel mode	Standard/expand
	Operating mode	DMX/Master slave
	X-axis reverse	Off/On
	Y-axis reverse	Off/On
	Lamp control	Off/On
Manual control	Horizontal rotation	0-255
	Horizontal rotation fine adjustment	0-255
	Vertical rotation	0-255
	Vertical rotation fine adjustment	0-255

	Reset	0-255
Lighting information	Time info	Boot time:xxx
		Total time:xxx
		Boot times:xxx
	Sensing detection	Wrong info

Chapter 2 Channel description

Channel

Light DMX mode: 16CH & 20CH

CH16)	CH20	DMX Values	Function
1	1		Color chips
		0-4	White
		5-9	White+Color1
		10-14	Color1
		15-19	Color1+Color2
		20-24	Color2
		25-29	Color3+Color3
		30-34	Color3
		35-39	Color3+Color4
		40-44	Color4
		45-49	Color4+Color5
		50-54	Color5
		55-59	Color5+Color6
		60-64	Color6
		65-69	Color6+Color7
		70-74	Color7
		75-79	Color7+Color8
		80-84	Color8
		85-89	Color8+Color9
		90-94	Color9
		95-99	Color9+Color10
		100-104	Color10
		105-109	Color10+Color11
		110-114	Color11
		115-119	Color11+Color12
		120-124	Color12
		125-129	Color12+Color13
		130-134	Color13
		135-139	Color13+White

		140-149	White
		150-199	FAST ROTATION - SLOW ROTATION
		200-205	STOP
		206-255	SLOW ROTATION - FAST ROTATION
2	2		Shutter
		0-3	Closed
		4-103	SLOW - FAST
		104-107	Open
		108-207	FAST STROBE-SLOW STROBE
		208-212	Open
		213-251	RANDOM SLOW - FAST
		252-255	Open
3	3		Dimmer
		0—255	Linear Dimmer
4	4		Gobo 1
		0-4	white
		5-9	Gobo 1
		10-14	Gobo 2
		15-19	Gobo 3
		20-24	Gobo 4
		25-29	Gobo 5
		30-34	Gobo 6
		35-39	Gobo 7
		40-44	Gobo 8
		45-49	Gobo 9
		50-54	Gobo 10
		55-79	Effect Gobo
		80-87	Gobo 1 Jitter
		88-95	Gobo 2 Jitter
		96-103	Gobo 3 Jitter
		104-111	Gobo 4 Jitter
		112-119	Gobo 5 Jitter
		120-127	Gobo 6 Jitter
		128-135	Gobo 7 Jitter

		136-143	Gobo 8 Jitter
		144-151	Gobo 9 Jitter
		152-159	Gobo 10 Jitter
		160-183	Effect Gobo Jitter
		184-217	FAST ROTATION - SLOW ROTATION
		218-221	STOP
		222-255	SLOW ROTATION - FAST ROTATION
5	5		Prism1
		0-127	Reserve
		128-255	prism1
6	6		Prism2
		0-127	Reserve
		128-255	prism2
7	7		Prism-2 Rot
		0—127	Rotation
		128-190	FAST ROTATION - SLOW ROTATION
		191-192	STOP
		193-255	SLOW ROTATION - FAST ROTATION
8	8		Frost
		0-127	white
		128-191	Frost
		192-255	6 Colors
9	9		Focus
		0-255	Focus, Linear
10	10	0—255	Pan 8bit
11	11	0—255	Pan 16bit
12	12	0—255	Tilt 8bit
13	13	0—255	Tilt 16bit
14	14	0—255	P/T Speed
15	15	0—255	Reserve
16	16		Function
		130-139	Lamp ON
		220-229	Reset
		230-239	Lamp OFF

*	17	0—255	Reserve
*	18		Color speed
		0-255	Fast to Slow
*	19		Gobo speed
		0-255	Fast to Slow
*	20		Focus speed
		0-255	Fast to Slow

REMARK

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Errors and omissions for every information given in this manual excepted.

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