

USER MANUAL

LUMO IP



USER MANUAL

This product manual contains important information about the safe installation and use of this projector. Please read and follow these instructions carefully and keep this manual in a safe place for future reference.

Please read the instructions carefully before use!

1. SAFETY PRECAUTIONS

This fixture is a sophisticated piece of electronic equipment. To guarantee a smooth operation, it is important to follow all instructions and guidelines in this manual. Manufacturer is not responsible for injuries and damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual. Only qualified or certified personnel should perform installation of this fixture and only the original rigging parts included with this fixture should be used for installation. Any modifications to the fixture and the included mounting hardware will void the original manufacturer's warranty and increase the risk of damage personal injury.

- **PROTECTION CLASS 1 - FIXTURE MUST BE PROPERLY GROUNDED**
- **THERE ARE NO USER SERVICEABLE PARTS INSIDE THIS UNIT.DO NOT ATTEMPT ANY REPAIRS YOURSELF,AS DOING SO WILL VOID YOUR MANUFACTURER'S WARRANTY. DAMAGES RESULTING FROM MODIFICATIONS TO THIS FIXTURE AND/OR THE DISREGARD OF SAFETY INSTRUCTIONS AND GUIDELINES IN THIS MANUAL VOID THE MANUFACTURER'S WARRANTY AND ARE NOT SUBJECT TO ANY WARRANTY CLAIMS AND/OR REPAIRS**
- **DO NOT PLUG FIXTURE INTO A DIMMER PACK**
- **NEVER OPEN THIS FIXTURE WHILE IN USE**
- **UNPLUG POWER BEFORE SERVICING FIXTURE**
- **NEVER TOUCH FIXTURE DURING OPERATION, AS IT MAY BE HOT! KEEP FLAMMABLE MATERIALS AWAY FROM FIXTURE**
- **NEVER LOOK DIRECTLY INTO THE LIGHT SOURCE**
- **RETINA INJURY RISK - MAY INDUCE BLINDNESS**
- **SENSITIVE PERSONS MAY SUFFER AN EPILEPTIC SHOCK**
- **ENSURE THAT ALL CONNECTIONS AND END CAPS ARE PROPERLY SEALED WITH A DIELECTRIC GREASE (AVAILABLE AT MOST ELECTRICAL SUPPLIERS) TO PREVENT WATER CORROSION AND/OR ELECTRICAL SHORT CIRCUIT**
- **KEEP APPROPRIATE DISTANCE FROM OBJECTS/SURFACES 1 METER (3.3 FEET)**
- **MAXIMUM TEMP OF EXTERNAL SURFACE 185° F (85°C)**
- **MINIMUM DISTANCE OF FLAMMABLE MATERIALS FROM THE SURFACE IS 1.6 FEET (0 .5 METER)**
- **DO NOT TOUCH THE FIXTURE HOUSING DURNING OPERATION. TURN OFF THE POWER AND ALLOW APPROXIMATELY 15 MINUTES FOR THE FIXTURE TO COOL DOWN BEFORE SERVICING**
- **DO NOT SHAKE FIXTURE , AND AVOID BRUTE FORCE WHEN INSTALLING OPERATING**
- **DO NOT operate fixture if the power cord is frayed, crimped, damaged or if any of the power cord connectors are damaged and do not insert into the fixture securely with ease**
- **NEVER force a power cord connector into the fixture. If the power cord or any of its connectors are damaged, replace it immediately with a new one of the same power rating**
- **DO NOT block any air ventilation slots**

- **All fan and air inlets must remain clean and never blocked**
- **Allow approx. 6" (15cm) between fixture and other devices or a wall for proper cooling**
- **Always disconnect fixture from main power source before performing any type of service or cleaning procedure**
- **Only handle the power cord by the plug end. Never pull out the plug by tugging the wire portion of the cord**
- **During the initial operation of this fixture, a light smoke or smell may emit from the interior of the fixture. This is a normal process and is caused by excess paint in the interior of the casing burning off from the heat associated with the lamp and will decrease gradually over time**
- **Consistent operational breaks will ensure fixture will function properly for many years**
- **ONLY use the original packaging and materials to transport the fixture in for service**

2. MAINTENANCE GUIDELINES

DISCONNECT POWER BEFORE PERFORMING ANY MAINTENANCE!

2.1. CLEANING

Frequent cleaning is recommended to ensure proper function, optimized light output, and an extended life. The frequency of cleaning depends on the environment in which the fixture operates: damp, smoky or particularly dirty environments can cause greater accumulation of dirt on the fixture's optics. Periodically clean the external lens surface with a soft cloth to avoid dirt/debris accumulation. NEVER use alcohol, solvents, or ammonia-based cleaners.

2.2. MAINTENANCE

Regular inspections are recommended to ensure proper function and extended life. There are no user serviceable parts inside this fixture. Please refer all other service issues to an authorized our service technician. Should you need any spare parts, please order genuine parts from your local dealer.

Please refer to the following points during routine inspections:

- A detailed electric check by an approved electrical engineer every three months, to make sure the circuit contacts are in good condition and prevent overheating

- Be sure all screws and fasteners are securely tightened at all times. Loose screws may fall out during normal operation, resulting in damage or injury as larger parts could fall
- Check for any deformations on the housing, color lenses, rigging hardware, and rigging points (ceiling, suspension, trussing). Deformations in the housing could allow for dust to enter into the fixture. Damaged rigging points or unsecured rigging could cause the fixture to fall and seriously injure a person(s)
- Electric power supply cables must not show any damage, material fatigue or sediments. NEVER remove the ground prong from the power cable

3.SYSTEM MENU

Main Menu	Sub Menu	Option/Value	Option/Value
DMX MODE	Channel	1CH/2CH/3CH/6CH/9CH/ 13CH/19CHA/19CHB/25CH	
	Address	001-512	
	Lamp Pos		
	Front Lamp		
	Next Lamp		
	Reset Add		
Auto	Dimmer	0-255	
	M effect	000-003	
	M Speed	000-100	
	S effect	00-23	
	S Color	01-07	
	S Fade	0-255	
Manual	Dimmer	000-255	
	M Red	000-255	
	M Green	000-255	
	M Blue	000-255	
	M Lime	000-255	
	M Amber	000-255	
	M Cyan	000-255	
	S Red	000-255	
	S Green	000-255	
	S Blue	000-255	
Voice	M Mode	0-1	
	S Mode	0-1	
	Sensitivity	000-100	
CCT	Dimmer	000-255	

	CCT	1800K-8500K	
Color Card	Dimmer	000-255	
	Colour Card	01-60 (Table Below)	
Setting	Signal status	Clear	
		Hold	
	MS Switch	Shut Down	Do not send host data to slave
		Turn On	Send host data to slave
	Fan Mode	Auto	
		Silent	
		Full	
	Lamp order	Positive	Auxiliary remap off
		Reverse	Auxiliary remap on
	Dimmer Curve	Linear	
		Square	
		I-Square	
		S-Shape	
	Dimmer Speed	Fast	
		Smooth	
	Dim Mode	Standard	
		Stage	
		TV	
		Architectural	
		Theatre	
	Bulb effect	Stage2	
		Shut down	
	Dim Freq	Turn on	
		2kHz	
		5kHz	
		7kHz	
		9kHz	
		12kHz	
		14kHz	
		16kHz	
		19kHz	
		22kHz	
		25kHz	
	Screen Saver	Shut down	
		Turn on	
	Lock	Shut down	
		Turn on	
	Language	Chinese	
		English	
	Rotation	Shut down	
		Turn on	
		Shut down	

	Restore	Turn on	
Lamp Info	Use Time		
	Current Temp		
	Max Temp		
	Fan Status		
	VER		
ROOT	M R Current	20-255 (default 235)	
	M G Current	20-255 (default 235)	
	M B Current	20-255 (default 235)	
	M L Current	20-255 (default 235)	
	M A Current	20-255 (default 235)	
	M C Current	20-255 (default 235)	
	M Power	50-255 (default 135)	
	S R Current	20-255 (default 235)	
	S G Current	20-255 (default 235)	
	S B Current	20-255 (default 235)	
	S Power	50-255 (default 255)	
	Temp Limit	40-80 (default 65)	
	Fan Speed	1-20	
	Push	Shut down	
		Turn on	Push device related setting to the slave

Colour Card

VALUE	RANGE	COLOUR	VALUE	RANGE	COLOUR
1	1-4	Oyster White	31	130-133	Heather Violet
2	5-8	Beige	32	134-138	Blue Lilac
3	9-12	Golden	33	139-142	Pearl Purple
4	13-17	Beige Colour	34	143-147	Peral Blackberry
5	18-21	Ivory Colour	35	148-151	Pigeon Blue
6	22-25	Light ivory colour	36	152-155	Azure Blue
7	26-30	Dark Yellow	37	156-159	Light Blue
8	31-34	Canary Yellow	38	160-164	Gentian Blue
9	35-38	Light Orange Yellow	39	165-168	Bright Blue
10	39-43	Yellow Orange	40	169-172	Capri Blue
11	44-47	Light Orange	41	173-177	Water Blue
12	48-51	Pure Orange	42	178-181	Far Blue
13	52-56	Salmon Orange	43	182-185	Wathet
14	57-60	Pearl Orange	44	186-190	Pearl Gentian Blue
15	61-64	Flame Red	45	191-194	Pearl Night Blue

16	65-69	Signal Red	46	195-198	Patina Green
17	70-73	Carmin	47	199-203	Emerald Green
18	74-77	Ruby Red	48	204-207	Leaf Green
19	78-82	Purple Red	49	208-211	Grass Green
20	83-86	Tomato Red	50	212-216	Yellow Green
21	87-90	Antique Pink	51	217-220	Green Traffic
22	91-95	Rose Pink	52	221-224	Fern Green
23	96-99	Coral Red	53	225-229	Opal Green
24	100-103	Rose	54	230-233	Light Green
25	104-108	Traffic Red	55	234-237	Pastel Turquoise
26	109-112	Pearl Ruby Red	56	238-242	Silk Grey
27	113-116	Eastern Red	57	243-246	Cream Colour
28	117-121	Wine Red	58	247-250	Signal White
29	122-125	Oxidation Red	59	251-254	Light Brown
30	126-129	Red lilac	60	255	Orange Yellow Brown

4. DMX CHART

1CH Mode

CH	Value	Function	Description
1CH	0-255	Dimmer 3200K	Dark to Light

2CH Mode

CH	Value	Function	Description
1CH	0-255	Dimmer 3200K	Dark to Light
2CH	0-255	Dimmer Fine	16 bit adjustable

3CH Mode

CH	Value	Function	Description
1CH	0-255	Dimmer	Dark to Light
2CH	0-255	Dimmer Fine	16 bit adjustable
3CH	0-255	Strobe	
	0-5	Open	
	6-55	Synchronous strobe	The larger value, the faster speed
	56-105	Pulse strobe	The larger value, the faster speed
	106-155	Random strobe	The larger value, the faster speed

	156-205	Pulse open	The larger value, the faster speed Dark to light
	206-255	Pulse close	The larger value, the faster speed Light to dark

6CH Mode

CH	Value	Function	Description
1CH	0-255	Red	Dark to Light
2CH	0-255	Green	Dark to Light
3CH	0-255	Blue	Dark to Light
4CH	0-255	Cyan	Dark to Light
5CH	0-255	Lime	Dark to Light
6CH	0-255	Amber	Dark to Light

9CH Mode

CH	Value	Function	Description
1CH	0-255	Red	Dark to Light
2CH	0-255	Green	Dark to Light
3CH	0-255	Blue	Dark to Light
4CH	0-255	Cyan	Dark to Light
5CH	0-255	Lime	Dark to Light
6CH	0-255	Amber	Dark to Light
7CH	0-255	Ring Red	Dark to Light
8CH	0-255	Ring Green	Dark to Light
9CH	0-255	Ring Blue	Dark to Light

13CH Mode

CH	Value	Function	Description
1CH	0-255	Dimmer	Dark to Light
2CH	0-255	Dimmer Fine	16 bit adjustable
3CH	0-255	Strobe	
	0-5	Open	
	6-55	Synchronous strobe	The larger value, the faster speed
	56-105	Pulse strobe	The larger value, the faster speed
	106-155	Random strobe	The larger value, the faster speed
	156-205	Pulse open	The larger value, the faster speed Dark to light

	206-255	Pulse close	The larger value, the faster speed Light to dark
4CH	0-255	Red	Dark to Light
5CH	0-255	Green	Dark to Light
6CH	0-255	Blue	Dark to Light
7CH	0-255	Cyan	Dark to Light
8CH	0-255	Lime	Dark to Light
9CH	0-255	Amber	Dark to Light
10CH	0-255	Colour Macro	
	0	Off	
	1-255	Colour Card 01-60 (Table above)	
11CH	0-255	Colour temperature preset	Colour temperature 8000K-2000K
	0-17	Off light	
	18-34	8000K	
	35-51	7500K	
	52-68	6500K	
	69-85	6000K	
	86-102	5600K	
	103-119	5500K	
	120-136	4500K	
	137-153	4000K	
	154-170	3500K	
	171-187	3200K	
	188-204	3000K	
	205-221	2700K	
	222-238	2500K	
	239-255	2000K	
12CH	0-255	Colour Tint Adjust	0 – no change 1-64 magenta shift from low to max, 65-127 magenta shift from max to smallest, 128 no shift, 129 -192 green shift from low to max, 193 – 254 green shift from max to smallest, 255 no shift.
13CH	0-255	Control	
	0-10	No effect	Menu set, no change
	11-16	Dimmer smooth	Dimmer menu set to smooth
	17-21	Dimmer Fast	Dimmer menu set to fast
	22-26	LED FREQ	400hz
	27-31		1200hz

	32-36		2000hz
	37-41		4000hz
	42-46		6000hz
	47-51		8000hz
	52-56		16000hz
	57-61		24000hz
	62-66	Dimmer Mode	Linear
	67-71		Square
	72-76		I-Square
	77-81		S-Shape
	82-86	Fan Mode	Fan Auto
	87-91		Fan Silent
	92-96		Fan Full
	97-101	No Function	No Function
	102-106	Bulb effect off	
	107-111	Bulb effect on	
	122-255	No Function	

19CHA Mode

CH	Value	Function	Description
1CH	0-255	Dimmer	Dark to Light
2CH	0-255	Dimmer Fine	16 bit adjustable
3CH	0-255	Strobe	
	0-5	Open	
	6-55	Synchronous strobe	The larger value, the faster speed
	56-105	Pulse strobe	The larger value, the faster speed
	106-155	Random strobe	The larger value, the faster speed
	156-205	Pulse open	The larger value, the faster speed Dark to light
	206-255	Pulse close	The larger value, the faster speed Light to dark
4CH	0-255	Red	Dark to Light
5CH	0-255	Green	Dark to Light
6CH	0-255	Blue	Dark to Light
7CH	0-255	Cyan	Dark to Light
8CH	0-255	Lime	Dark to Light
9CH	0-255	Amber	Dark to Light
10CH	0-255	Ring Dimmer	Dark to Light

11CH	0-255	Ring Red	Dark to Light
12CH	0-255	Ring Green	Dark to Light
13CH	0-255	Ring Blue	Dark to Light
14CH	0-255	Ring FX	
	0-5	Off	
	6-15	FX Auto Run	FX colour is controlled by Ring colour chanel
	16-25	FX1	
	26-35	FX2	
	36-45	FX3	
	46-55	FX4	
	56-65	FX5	
	66-75	FX6	
	76-85	FX7	
	86-95	FX8	
	96-105	FX9	
	106-115	FX10	
	116-125	FX11	
	126-135	FX12	
	136-145	Rainbow 1	
	146-155	Rainbow 2	
	156-165	Rainbow 3	
	166-175	Rainbow 4	
	176-185	Rainbow 5	
	186-195	Rainbow 6	
	196-205	Rainbow 7	
	206-215	Rainbow 8	
	216-225	Rainbow 9	
	226-235	Rainbow 10	
	236-255	Reserved	
15CH	0-255	Ring FX Speed	S>F
16CH	0-255	Colour Macro	
	0	Off	
	1-255	Colour Card 01-60 (Table above)	
17CH	0-255	Colour temperature preset	Colour temperature 8000K-2000K
	0-17	Off light	
	18-34	8000K	

	35-51	7500K	
	52-68	6500K	
	69-85	6000K	
	86-102	5600K	
	103-119	5500K	
	120-136	4500K	
	137-153	4000K	
	154-170	3500K	
	171-187	3200K	
	188-204	3000K	
	205-221	2700K	
	222-238	2500K	
	239-255	2000K	
18CH	0-255	Color Tint Adjust	0 – no change 1-64 magenta shift from low to max, 65-127 magenta shift from max to smallest, 128 no shift, 129 -192 green shift from low to max, 193 – 254 green shift from max to smallest, 255 no shift.
19CH	0-255	Control	
	0-10	No effect	Menu set, no change
	11-16	Dimmer smooth	Dimmer menu set to smooth
	17-21	Dimmer Fast	Dimmer menu set to fast
	22-26	LED FREQ	400hz
	27-31		1200hz
	32-36		2000hz
	37-41		4000hz
	42-46		6000hz
	47-51		8000hz
	52-56		16000hz
	57-61		24000hz
	62-66	Dimmer Mode	Linear
	67-71		Square
	72-76		I-Square
	77-81		S-Shape
	82-86	Fan Mode	Fan Auto
	87-91		Fan Silent
	92-96		Fan Full

	97-101	No Function	No Function
	102-106	Bulb effect off	
	107-111	Bulb effect on	
	122-255	No Function	

19BCH Mode

CH	Value	Function	Description
1CH	0-255	Dimmer	Dark to Light
2CH	0-255	Dimmer Fine	16 bit adjustable
3CH	0-255	Strobe	
	0-5	Open	
	6-55	Synchronous strobe	The larger value, the faster speed
	56-105	Pulse strobe	The larger value, the faster speed
	106-155	Random strobe	The larger value, the faster speed
	156-205	Pulse open	The larger value, the faster speed Dark to light
	206-255	Pulse close	The larger value, the faster speed Light to dark
4CH	0-255	Red	Dark to Light
5CH	0-255	Red fine	16 bit adjustable
6CH	0-255	Green	Dark to Light
7CH	0-255	Green fine	16 bit adjustable
8CH	0-255	Blue	Dark to Light
9CH	0-255	Blue fine	16 bit adjustable
10CH	0-255	Cyan	Dark to Light
11CH	0-255	Cyan fine	16 bit adjustable
12CH	0-255	Lime	Dark to Light
13CH	0-255	Lime fine	16 bit adjustable
14CH	0-255	Amber	Dark to Light
15CH	0-255	Amber fine	16 bit adjustable
16CH	0-255	Colour Macro	
	0	Off	
	1-255	Colour Card 01-60 (Table above)	
17CH	0-255	Colour temperature preset	Colour temperature 8000K-2000K
	0-17	Off light	
	18-34	8000K	
	35-51	7500K	

	52-68	6500K	
	69-85	6000K	
	86-102	5600K	
	103-119	5500K	
	120-136	4500K	
	137-153	4000K	
	154-170	3500K	
	171-187	3200K	
	188-204	3000K	
	205-221	2700K	
	222-238	2500K	
	239-255	2000K	
18CH	0-255	Colour Tint Adjust	0 – no change 1-64 magenta shift from low to max, 65-127 magenta shift from max to smallest, 128 no shift, 129 -192 green shift from low to max, 193 – 254 green shift from max to smallest, 255 no shift.
19CH	0-255	Control	
	0-10	No effect	Menu set, no change
	11-16	Dimmer smooth	Dimmer menu set to smooth
	17-21	Dimmer Fast	Dimmer menu set to fast
	22-26	LED FREQ	400hz
	27-31		1200hz
	32-36		2000hz
	37-41		4000hz
	42-46		6000hz
	47-51		8000hz
	52-56		16000hz
	57-61		24000hz
	62-66	Dimmer Mode	Linear
	67-71		Square
	72-76		I-Square
	77-81		S-Shape
	82-86	Fan Mode	Fan Auto
	87-91		Fan Silent
	92-96		Fan Full
	97-101	No Function	No Function

	102-106	Bulb effect off	
	107-111	Bulb effect on	
	122-255	No Function	

25CH Mode

CH	Value	Function	Description
1CH	0-255	Dimmer	Dark to Light
2CH	0-255	Dimmer Fine	16 bit adjustable
3CH	0-255	Strobe	
	0-5	Open	
	6-55	Synchronous strobe	The larger value, the faster speed
	56-105	Pulse strobe	The larger value, the faster speed
	106-155	Random strobe	The larger value, the faster speed
	156-205	Pulse open	The larger value, the faster speed Dark to light
	206-255	Pulse close	The larger value, the faster speed Light to dark
4CH	0-255	Red	Dark to Light
5CH	0-255	Red fine	16 bit adjustable
6CH	0-255	Green	Dark to Light
7CH	0-255	Green fine	16 bit adjustable
8CH	0-255	Blue	Dark to Light
9CH	0-255	Blue fine	16 bit adjustable
10CH	0-255	Cyan	Dark to Light
11CH	0-255	Cyan fine	16 bit adjustable
12CH	0-255	Lime	Dark to Light
13CH	0-255	Lime fine	16 bit adjustable
14CH	0-255	Amber	Dark to Light
15CH	0-255	Amber fine	16 bit adjustable
16CH	0-255	Ring Dimmer	Dark to Light
17CH	0-255	Ring Red	Dark to Light
18CH	0-255	Ring Green	Dark to Light
19CH	0-255	Ring Blue	Dark to Light
20CH	0-255	Ring FX	
	0-5	Off	
	6-15	FX Auto Run	FX colour is controlled by Ring colour chanel
	16-25	FX1	
	26-35	FX2	

	36-45	FX3	
	46-55	FX4	
	56-65	FX5	
	66-75	FX6	
	76-85	FX7	
	86-95	FX8	
	96-105	FX9	
	106-115	FX10	
	116-125	FX11	
	126-135	FX12	
	136-145	Rainbow 1	
	146-155	Rainbow 2	
	156-165	Rainbow 3	
	166-175	Rainbow 4	
	176-185	Rainbow 5	
	186-195	Rainbow 6	
	196-205	Rainbow 7	
	206-215	Rainbow 8	
	216-225	Rainbow 9	
	226-235	Rainbow 10	
	236-255	Reserved	
21CH	0-255	Ring FX Speed	S>F
22CH	0-255	Colour Macro	
	0	Off	
	1-255	Colour Card 01-60 (Table above)	
23CH	0-255	Colour temperature preset	Colour temperature 8000K-2000K
	0-17	Off light	
	18-34	8000K	
	35-51	7500K	
	52-68	6500K	
	69-85	6000K	
	86-102	5600K	
	103-119	5500K	
	120-136	4500K	
	137-153	4000K	
	154-170	3500K	

	171-187	3200K	
	188-204	3000K	
	205-221	2700K	
	222-238	2500K	
	239-255	2000K	
24CH	0-255	Colour Tint Adjust	0 – no change 1-64 magenta shift from low to max, 65-127 magenta shift from max to smallest, 128 no shift, 129 -192 green shift from low to max, 193 – 254 green shift from max to smallest, 255 no shift.
25CH	0-255	Control	
	0-10	No effect	Menu set, no change
	11-16	Dimmer smooth	Dimmer menu set to smooth
	17-21	Dimmer Fast	Dimmer menu set to fast
	22-26	LED FREQ	400hz
	27-31		1200hz
	32-36		2000hz
	37-41		4000hz
	42-46		6000hz
	47-51		8000hz
	52-56		16000hz
	57-61		24000hz
	62-66	Dimmer Mode	Linear
	67-71		Square
	72-76		I-Square
	77-81		S-Shape
	82-86	Fan Mode	Fan Auto
	87-91		Fan Silent
	92-96		Fan Full
	97-101	No Function	No Function
	102-106	Bulb effect off	
	107-111	Bulb effect on	
	122-255	No Function	

5.SPECIFICATIONS

CONSTRUCTION/PHYSICAL

Dimensions: 235x249x193mm

Protection Rating: IP65

Weight: 3,4 Kg

Exterior Color: Black

Housing Material: Magnesium-aluminum die-casting + aluminum profile

DYNAMIC EFFECTS

Dimmer: Electronic

Strobe: Electronic

Strobe Rate: 1-25Hz

Standalone: Yes

Colour Mixing: RGBLAC

Possibility to connect devices to each other

CONNECTIONS

Power Connection: PowerCon True1

DMX Connection: XLR 3-pin/5-pin

CONTROL

Control Protocols: DMX /RDM

DMX Channels: 1/2/3/6/9/13/19/19/25CH

Build-in Effects: Yes

ELECTRICAL

Power Supply Voltage: 100-240V 50/60Hz

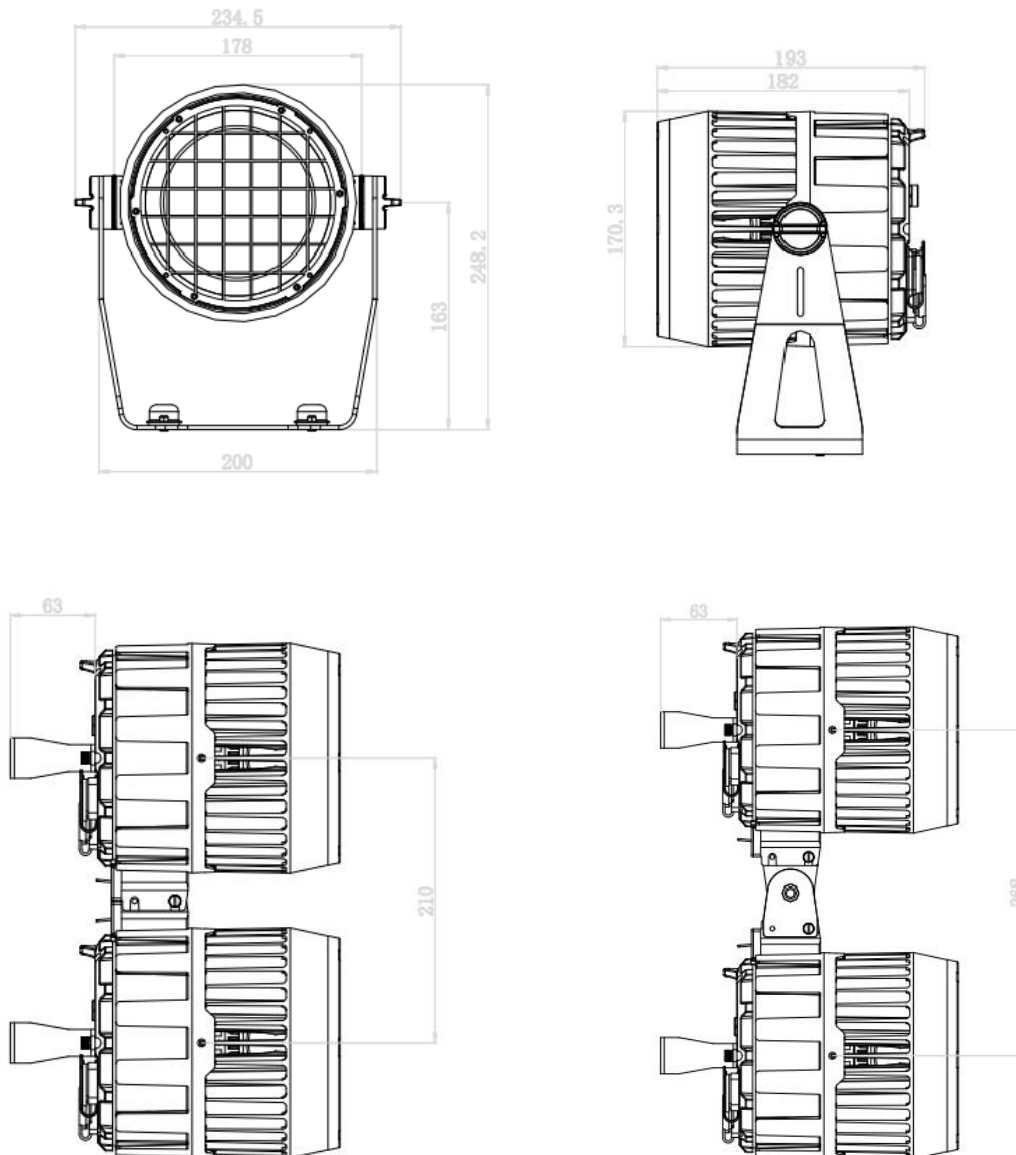
Maximum Power Consumption: 350W

Light Source 6x90W COB LED RGBLAC + 60x0,2W LED RGB

OPTIC

Beam Angle: 55°

6.DIMENSIONAL DRAWINGS





BRIGHTER LIGHTING SP. Z.O.O.
ul. Warszawska 111
32-087 Bibice
POLAND
NIP: 9442248196
REGON: 361197164



BRIGHTER LIGHTING SP. Z.O.O.

ul. Warszawska 111

32-087 Bibice

POLAND

NIP: 9442248196

REGON: 361197164

The manufacturer reserves the right to make changes to technical parameters



BRIGHTER LIGHTING SP. Z.O.O.

ul. Warszawska 111

32-087 Bibice

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