LCX21

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Lyra RGBW 1 x 2 Soft Panel Digital Color Light

What's Included

- ☐ 1 x LCX21 Light Fixture
- ☐ 1 x Power supply
- ☐ 1 x Power cord
- ☐ 1 x Yoke
- ☐ 1 x Safety Cable

General Information

Thank you for buying the Lyra 1 x 2 RGBW Studio Light Soft Panel with DMX Control. This fixture has been designed to perform reliably for years when the guidelines in this booklet are followed. Please read and understand the instructions in this manual carefully and thoroughly before attempting to operate this unit. These instructions contain important information regarding safety during use and maintenance.

Every fixture has been thoroughly tested. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your unit for damage and be sure all accessories necessary to operate the unit have arrived intact. In the event damage has been found or parts are missing, please contact our customer support team for further instructions. Please do not return this unit to your dealer without first contacting customer support at the number listed below. Please do not discard the shipping carton in the trash. Please recycle whenever possible.

Safety Instructions

This fixture is an extremely sophisticated piece of electronic equipment. To guarantee a smooth operation, it is important to follow the guidelines in this manual. The manufacturer of this device will not accept responsibility for damages resulting from the misuse of this fixture due to the disregard of the information printed in this manual.

This device falls under PROTECTION CLASS 1. It's essential this device be grounded properly. Only qualified personnel should perform all electrical connections.

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WARNING
INDOOR USE ONLY!
DO NOT EXPOSE FIXTURE TO RAIN AND MOISTURE!
DO NOT PLUG FIXTURE INTO A DIMMER PACK!
NEVER OPEN THIS FIXTURE WHILE IN USE!
WARNING

</div>

For proper operation, follow the Installation guidelines described in this manual. Only qualified and certified personnel should perform installation of this fixture and only the original rigging parts (yoke) included with this fixture should be used for installation. Any modifications will void the original manufacturer's warranty and increase the risk of damage and/or personal injury.

Never look directly into the light source of this fixture to prevent risk of injury to your retina, which may induce blindness.

Always disconnect from main power source before performing any type of service and/or cleaning procedure. Only handle the power supply by the plug end, never pull out the plug by tugging the wire portion of the cord.

Do not operate this fixture if the power cord has become frayed, crimped and/or damaged. If the power cord is damaged, replace it immediately with a new one of similar power rating.

General Guidelines

Do NOT disassemble or modify the light fixture.
Remove batteries when in storage.
Do NOT operate fixture with wet hands.
Do NOT operate in environments near flammable gasses or volatile liquids.
Do NOT operate in enclosed spaces where heat buildup can be extreme, such as a car on a sunny day. The increased heat may cause premature failure of the light fixture.
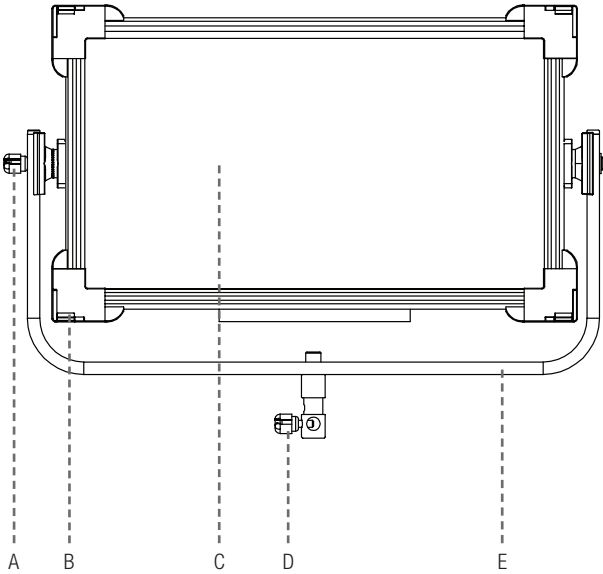Do NOT place under heavy objects.
When hanging the light, always use a safety cable.
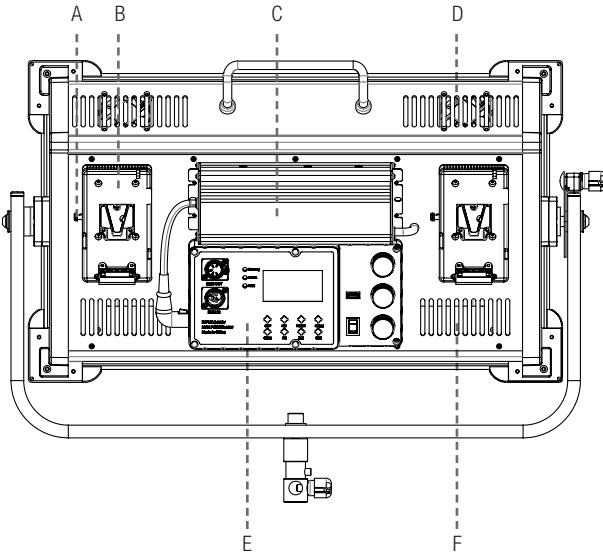Do NOT block the air flow for the cooling fan.
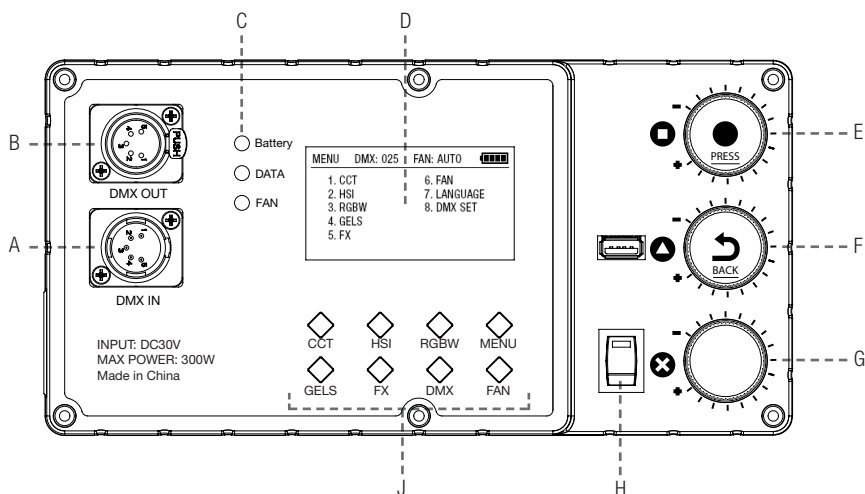
Fixture Overview

Front View
A. Yoke Locking Screw
B. Accessory Clip
C. Front Diffuser Panel
D. Mount Locking Screw
E. Yoke

Back View
A. V-lock Release Button
B. V-lock Battery Plate
C. AC Power Adapter
D. Cooling Fan Air Outlet
E. Control Panel
F. Cooling Fan Air Inlet

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Control Panel

A. DMX Input
B. DMX Output
C. Indicator Function Lights
D. LCD Screen

E. Knob 1: TURN to NAVIGATE
   PRESS to SELECT
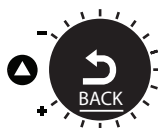F. Knob 2: TURN to NAVIGATE
   PRESS to SELECT

G. Knob 3: TURN to NAVIGATE
H. Power Button
J. Sub-menu/Modes Buttons
   (CCT, HSI, RGBW, MENU,
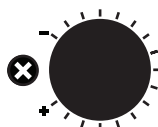   GELS, FX, DMX, FAN)

Knob Functions

Knob 1
- TURN the knob to select the desired mode in menu.
- In sub-menu, TURN the knob to navigate or adjust designated interval
marked with the ■ symbol.
- PRESS to SELECT designated interval marked with the ● symbol.

Knob 2
- In sub-menu, TURN the knob to adjust designated interval marked with
the ▲ symbol.
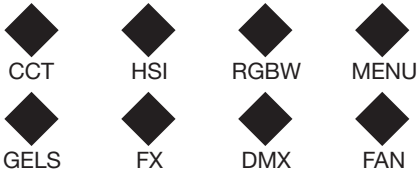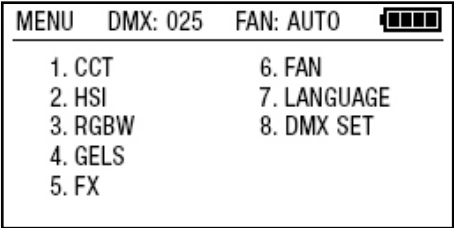- PRESS knob to navigate BACK in the menu.

Knob 3
- In sub-menu, TURN the knob to adjust designated interval marked with
the ✖ symbol.
- This knob does not have a PRESS function.

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LCD Screen / Menu

Menu Operation

1. TURN knob 1 to choose the desired sub-menu and PRESS to SELECT.
2. The shortcut buttons below the LCD screen can also be used to enter a sub-menu directly.
3. To navigate back to the Main Menu, PRESS knob 2 to go BACK or push the shortcut MENU button below the LCD screen.

```
MENU   DMX: 025   FAN: AUTO   [IIII]

   1. CCT            6. FAN
   2. HSI            7. LANGUAGE
   3. RGBW           8. DMX SET
   4. GELS
   5. FX
```

◆ CCT   ◆ HSI   ◆ RGBW   ◆ MENU

◆ GELS   ◆ FX   ◆ DMX   ◆ FAN

Sub-Menu Functions

CCT (Correlated Color Temperature)

PROFILE:	1 – 5 ·························· To change profile, PRESS knob 1	●
CCT:	2800K - 10,000K ······················· To adjust, TURN knob 1	■
INTENSITY:	0 - 100% ····························· To adjust, TURN knob 2	▲
GREEN +/-:	- 0.0 ································· To adjust, TURN knob 3	✖

HSI (Hue, Saturation, Intensity)

COLOR SCHEME:	R+G+B ························ To change scheme, PRESS knob 1	●
(Color Scheme Choices: R+G+B R+G R+B B+G)		
SATURATION:	0 - 100% ······························· To adjust, TURN knob 1	■
INTENSTIY:	0 - 100% ······························· To adjust, TURN knob 2	▲
HUE SHIFT:	0 - 360° ······························· To adjust, TURN knob 3	✖

RGBW (Color Component)

To SCROLL through colors, TURN knob 1 ■

RED LED:	0 - 100% ····························· To adjust, TURN knob 2	▲
GREEN LED:	0 - 100% ····························· To adjust, TURN knob 2	▲
BLUE LED:	0 - 100% ····························· To adjust, TURN knob 2	▲
WHITE LED:	0 - 100% ····························· To adjust, TURN knob 2	▲

Sub-Menu Functions

Special FX (Effects Presets)

To SCROLL through FX, TURN knob 1 ■   To SELECT desired FX, PRESS knob 1 ●

FX: PARTY

SATURATION: 0 - 100% ···· To adjust, TURN knob 1 ■
INTENSITY: 0 - 100% ···· To adjust, TURN knob 2 ▲
SPEED: 0 - 100% ···· To adjust, TURN knob 3 ✖

FX: COP

INTENSITY: 0 - 100% ···· To adjust, TURN knob 2 ▲
COLOR COMBO: R + B + W ···· To adjust, TURN knob 3 ✖

(Color Combo Choices: R+B+W   B+W   R+B   B)

FX: CANDLE

INTENSITY: 0 - 100% ···· To adjust, TURN knob 2 ▲
SPEED: 0 - 100% ···· To adjust, TURN knob 3 ✖

FX: FIRE

COLORS: 0 - 2   ········ To adjust, TURN knob 1 ■
INTENSITY: 0 - 100% ···· To adjust, TURN knob 2 ▲
SPEED: 0 - 100% ···· To adjust, TURN knob 3 ✖

FX: CLUB

COLORS: 3 - 24 ········ To adjust, TURN knob 1 ■
INTENSITY: 0 - 100% ···· To adjust, TURN knob 2 ▲
SPEED: 0 - 100% ···· To adjust, TURN knob 3 ✖

FX: FIREWORKS

               To TRIGGER Fireworks FX, PRESS knob 1 ●
SATURATION: 0 - 100% ···· To adjust, TURN knob 1 ■
INTENSITY: 0 - 100% ···· To adjust, TURN knob 2 ▲
SPEED: 0 - 100% ···· To adjust, TURN knob 3 ✖

FX: CHASE

SATURATION: 0 - 100% ···· To adjust, TURN knob 1 ■
INTENSITY: 0 - 100% ···· To adjust, TURN knob 2 ▲
SPEED: 0 - 100% ···· To adjust, TURN knob 3 ✖

FX: LIGHTNING

               To TRIGGER Lightning FX, PRESS knob 1 ●
INTENSITY: 0 - 100% ···· To adjust, TURN knob 2 ▲
SPEED: 0 - 100% ···· To adjust, TURN knob 3 ✖

Sub-Menu Functions

GEL (Gel Filters)

To SCROLL through Gels, TURN knob 1 ■   To SELECT desired Gel, PRESS knob 1 ●

TEMPERATURE: 3200 K / 5600 K ·········· To toggle, TURN knob 1 ■

INTENSITY: 0 - 100% ··············· To adjust, TURN knob 2 ▲

APPLY GEL: YES / NO ················ To toggle, TURN knob 3 ✖

LCX21 #	Rosco	Description	LCX21 #	Rosco	Description
0328	R3202	CTB	9102	R3310	FLUOROFILTER
1228	R3203	3/4 CTB	9203	R4307	07 CTAN
1218	R3204	1/2 CTB	2219	R4315	15 CTAN
2218	R3206	1/3 CTB	2418	R4330	30 CTAN
2118	R3208	1/4 CTB	0828	R4360	60 CTAN
2108	R3216	1/8 CTB	0925	R4390	90 CTAN
0586	R3220	2X CTB	2209	R4415	15 GREEN
9101	R3407	CTO	6506	R4430	30 GREEN
9103	R3411	3/4 CTO	9701	R4360	60 GREEN
6106	R3408	1/2 CTO	9901	R4390	90 GREEN
3108	R3409	1/4 CTO	4208	R4515	15 YELLOW
3109	R3410	1/8 CTO	9304	R4530	30 YELLOW
9100	R3420	2X CTO	9301	R4560	60 YELLOW
9201	R3441	CTS	9300	R4590	90 YELLOW
9206	R3442	1/2 CTS	3009	R4615	15 RED
3208	R3443	1/4 CTS	9008	R4630	30 RED
4108	R3444	1/8 CTS	9002	R4660	60 RED
6408	R3304	GREEN	9000	R4690	90 RED
2208	R3315	1/2 GREEN	3007	R4715	15 MAGENTA
2109	R3316	1/4 GREEN	7018	R4730	30 MAGENTA
2106	R3317	1/8 GREEN	9013	R4760	60 MAGENTA
4009	R3308	MAGENTA	9012	R4790	90 MAGENTA
3008	R3309	3/4 MAGENTA	3006	R4815	15 PINK
4008	R3313	1/2 MAGENTA	8008	R4830	30 PINK
3118	R3314	1/4 MAGENATA	9003	R4860	60 PINK
2107	R3318	1/8 MAGENTA	9001	R4890	90 PINK

Sub-Menu Functions

FAN (Cooling Fan Speed Options)

To SCROLL through Fan options, TURN knob 1 ■   To SELECT desired Fan option, PRESS knob 1 ●

* Auto Speed - The fan runs according to the temperature inside the light

* Speed Options: OFF, LOW, MEDIUM, HIGH

LANGUAGE (Display Language Options)

To SCROLL through Language options, TURN knob 1 ■   To SELECT desired Language, PRESS knob 1 ●

* Languages offered: English, Chinese

DMX SETTINGS

To SCROLL through DMX options, TURN knob 1 ■

DMX ADDRESS

DMX ADDRESS: 001-512 ·············· To adjust, TURN knob 1 ■

To select address, PRESS knob 1 ●

DMX INFORMATION

CCT & HSI

8-BIT

10 CHANNELS

* This page only displays DMX information, no selections can be made

DMX CONNECTION CONTROL

Seven channels are require for poper DMX control over all parameters.

For example: If DMX address is 1 then,

1 - Brightness

2 - Color Temperature Control

3 - Green/Magenta

4 - Saturation

5 - Monochrome Red Control

6 - Monochrome Green Control

7 - Monochrome Blue Control

Indicator Function Description

● Battery

● DATA

● FAN

Battery Indicator
When the Battery indicator light is ON, the V-lock battery is being used to power the light.
When the Battery indicator light FLASHES, the V-lock battery is running low.
When the Battery indicator is OFF, the AC power adapter is being used to power the light.
Note: When the light is battery powered, the light fixture's max output power is reduced to 80%.

Data Indicator
When the Data indicator light is ON, the DMX 512 remote control function is being used.
When the Data indicator light FLASHES ONCE, the light receives an effective remote control signal once.

Fan Indicator
When the Fan indicator light is ON, the fan is working normally.
When the Fan indicator is OFF, the fan is not working.

CAUTION

Disconnect power before cleaning or maintenance.

CLEANING

Frequent cleaning is recommended to insure 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.
Never use alcohol, solvents, or ammonia- based cleaners.

MAINTENANCE

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

Please refer to the following points during routine inspections:
- Be sure all screws and fasteners are securely tightened at all times. Lose screws may fall out during normal operation resulting in damage or injury as larger parts could fall.
- Check for any deformations on the housing, 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 supplies and cables must not show any damage or fraying. Never remove the ground prong from the power cable.

LCX21 Specifications

Light Source	RGBW LED's
Lens	1/2-stop Diffusion
Beam Angle	110 degrees
Control/Dimming	DMX & Local Knob Control
Build Material	Metal & Plastic Shell
Cooling System	Active Cooling
Yoke	Baby 5/8" - Junior 1 1/8" Combo Pin
Fixture Size	28.4 x 20.5 x 7.2 in
Fixture Weight	32.5 lbs
Power Supply	Input: 100-240 VAC Output: 30 VDC
Fixture Power Consumption	300 Watts

Optional Accessories

Some other products that work well with this item available from Ikan include:

LBD20	Barn Doors for Lyra 1 x 2 Studio Light
IOC-713	Iron C-Clamp with 1/2-inch Attachment Bolt
IOC-1053	Light Mounting Accessory Baby 5/8" / Junior 1 1/8" (TVMP)
SW-04	Safety Wire

Mode 1: CCT & RGBW

DMX Channel	Value	Percent	Function
1	0 - 255	0 - 100	Dimmer
2	0 - 255	0 - 100	CCT 2,800K - 10,000K
3			Green-Magenta
	0 - 10	0 - 4	No effect
	11 - 20	5 - 8	Full Minus Green
	21 - 119	9 - 47	-99% -> -1%
	120 - 145	48 - 57	No effect
	146 - 244	58 - 96	1% - 99%
	245 - 255	91 - 100	Full Plus Green
4	0 - 255	0 - 100	Crossfade to Color
5	0 - 255	0 - 100	Red
6	0 - 255	0 - 100	Green
7	0 - 255	0 - 100	Blue
8	0 - 255	0 - 100	White
9			Fan Control
	0 - 9	0 - 3	Use Fan Mode Setting of Fixture Menu
	10 - 57	4 - 22	Quiet, Fan speed fix
	58 - 105	23 - 41	Variable, Fan speed variable
	106 - 153	42 - 60	High Temp, Fan speed fixed
	154 - 201	61 - 78	Normal
	202 - 249	79 - 97	Fan at Full Speed
	251 - 255	99 - 100	Fan Off
10	0 - 255	0 - 100	Preset (see other page)
11			Light Strobe
	0 - 19	0 - 7	No effect
	20 - 255	8 - 100	1 flash /s -> 25 flash /s
12			Reserved

Mode 2: CCT

DMX Channel	Value	Percent	Function
1	0 - 255	0 - 100	Dimmer
2	0 - 255	0 - 100	CCT 2,800K - 10,000K
3			Green-Magenta
	0 - 10	0 - 4	No effect
	11 - 20	5 - 8	Full Minus Green
	21 - 119	9 - 47	-99% -> -1%
	120 - 145	48 - 57	No effect
	146 - 244	58 - 96	1% - 99%
	245 - 255	91 - 100	Full Plus Green

DMX Channel	Value	Percent	Function
			Fan Control
	0 - 9	0 - 3	Use Fan Mode Setting of Fixture Menu
	10 - 57	4 - 22	Quiet, Fan speed fix
	58 - 105	23 - 41	Variable, Fan speed variable
	106 - 153	42 - 60	High Temp, Fan speed fixed
	154 - 201	61 - 78	Normal
	202 - 249	79 - 97	Fan at Full Speed
4	251 - 255	99 - 100	Fan Off
5	0 - 255	0 - 100	Preset (see other page)
			Light Strobe
	0 - 19	0 - 7	No effect
6	20 - 255	8 - 100	1 flash /s -> 25 flash /s
7			Reserved

Mode 3: CCT & HSI			
DMX Channel	Value	Percent	Function
1	0 - 255	0 - 100	Dimmer
2	0 - 255	0 - 100	CCT 2,800K - 10,000K
	0 - 10	0 - 4	Green-Magenta No effect
	11 - 20	5 - 8	Full Minus Green
	21 - 119	9 - 47	-99% -> -1%
	120 - 145	48 - 57	No effect
	146 - 244	58 - 96	1% - 99%
3	245 - 255	91 - 100	Full Plus Green
4	0 - 255	0 - 100	Crossfade to Color
5	0 - 255	0 - 100	Hue
6	0 - 255	0 - 100	Saturation
			Fan Control
	0 - 9	0 - 3	Use Fan Mode Setting of Fixture Menu
	10 - 57	4 - 22	Quiet, Fan speed fix
	58 - 105	23 - 41	Variable, Fan speed variable
	106 - 153	42 - 60	High Temp, Fan speed fixed
	154 - 201	61 - 78	Normal
	202 - 249	79 - 97	Fan at Full Speed
7	251 - 255	99 - 100	Fan Off
8	0 - 255	0 - 100	Preset (see other page)
			Light Strobe
	0 - 19	0 - 7	No effect
9	20 - 255	8 - 100	1 flash /s -> 25 flash /s
10			Reserved

Mode 4: RGBW			
DMX Channel	Value	Percent	Function

DMX Channel	Value	Percent	Function
1	0 - 255	0 - 100	Dimmer
2	0 - 255	0 - 100	Red
3	0 - 255	0 - 100	Green
4	0 - 255	0 - 100	Blue
5	0 - 255	0 - 100	White
			Fan Control
	0 - 9	0 - 3	Use Fan Mode Setting of Fixture Menu
	10 - 57	4 - 22	Quiet, Fan speed fix
	58 - 105	23 - 41	Variable, Fan speed variable
	106 - 153	42 - 60	High Temp, Fan speed fixed
	154 - 201	61 - 78	Normal
	202 - 249	79 - 97	Fan at Full Speed
6	251 - 255	99 - 100	Fan Off
7	0 - 255	0 - 100	Preset (see other page)
			Light Strobe
	0 - 19	0 - 7	No effect
8	20 - 255	8 - 100	1 flash /s -> 25 flash /s
9			Reserved

Mode 5: HSI			
DMX Channel	Value	Percent	Function
1	0 - 255	0 - 100	Dimmer
2	0 - 255	0 - 100	Hue
3	0 - 255	0 - 100	Saturation
			Fan Control
	0 - 9	0 - 3	Use Fan Mode Setting of Fixture Menu
	10 - 57	4 - 22	Quiet, Fan speed fix
	58 - 105	23 - 41	Variable, Fan speed variable
	106 - 153	42 - 60	High Temp, Fan speed fixed
	154 - 201	61 - 78	Normal
	202 - 249	79 - 97	Fan at Full Speed
4	251 - 255	99 - 100	Fan Off
5	0 - 255	0 - 100	Preset (see other page)
			Light Strobe
	0 - 19	0 - 7	No effect
6	20 - 255	8 - 100	1 flash /s -> 25 flash /s
7			Reserved

Presets			
DMX Channel	Value	Percent	Function
	132 - 143	52 - 56	2900K
	144 - 155	57 - 61	3200K
	156 - 167	62 - 65	5600K
	168 - 179	66 - 70	6500K
	180 - 191	71 - 75	120 Degree Hue, 100% Saturation

	192 - 203	76 - 80	240 Degree Hue, 100% Saturation
	204 - 215	81 - 84	Rosco 3408, 5600K Base
	216 - 227	85 - 89	No Effect
	228 - 239	90 - 94	Roscot 3152, 3200K Base
	240 - 255	95 - 100	No Effect

Learn More
More dynamic information at official website: www.ikancorp.com

Support

Contact email: support@ikancorp.com

CONDITIONS OF WARRANTY SERVICE

- Free service for one year from the day of purchase if the problem is caused by manufacturing errors.
- The components and maintenance service fee will be charged if the warranty period is expired.

Free Service will not be Provided in the Following Situations:

(*Even if the product is still within the warranty period.)

- Damage caused by abuse or misuse, dismantling, or changes to the product not made by the company.
- Damage caused by natural disaster, abnormal voltage, and environmental factors, etc.