

## ■ Product Introduction

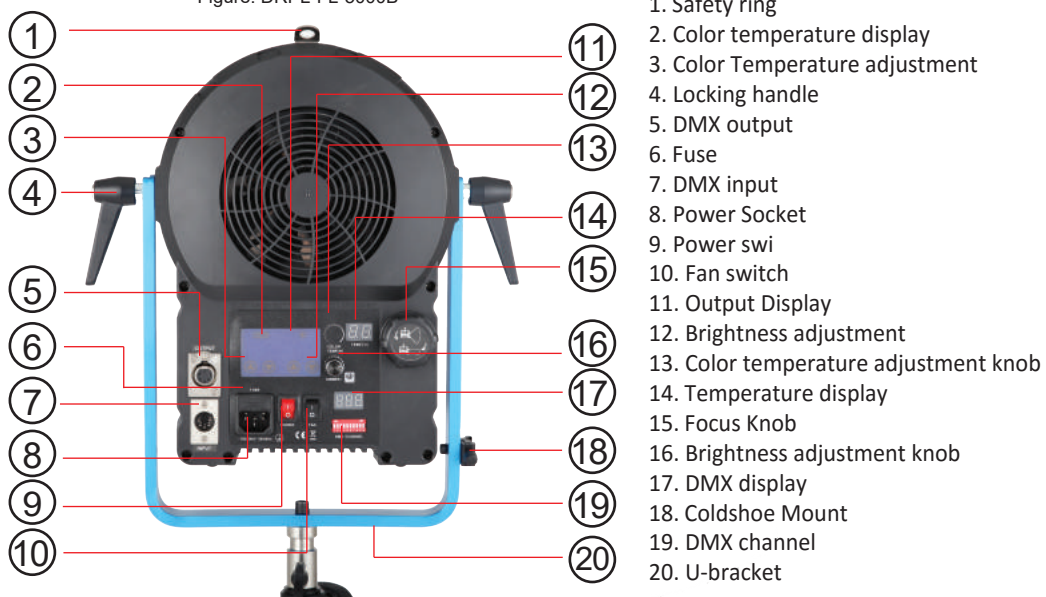
The Dracast LED Fresnel is developed mainly for professional filming and broadcasting use, producing high power output (with different power selection 160W / 300W / 480W) and high CRI ( $\geq 95\text{Ra}$ ) for all types of applications.

Dracast LED Fresnel is fully equipped with everything that you need for your work, including touch screen LCD display to indicate all the light setting, adjustable focusing knob (25 - 60 degree), silent cooling fan to work in a higher temperature, as well as C.T. and dimmer knobs.

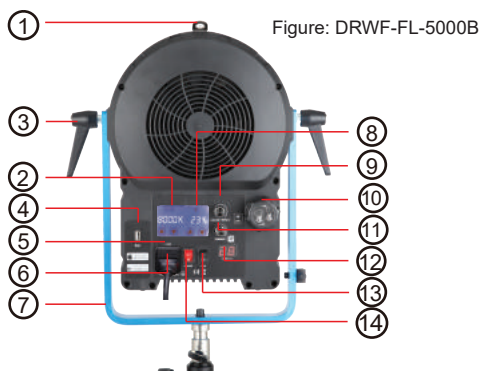
Users could choose between the daylight “D” version or bi-color “B” version to coordinate with their work. (The color temperature of bi-color version is adjustable from 3000K - 8000K step-less) There are also two working control systems to choose from, which is the DMX512 system (Fresnel PLUS) and the Wi-Fi remote control system (Wi-Fi Fresnel) to make controlling the LED Fresnel easier than ever.

## ■ Panel Indication -DMX

Figure: DRPL-FL-5000B



## ■ Panel Indication -WI-FI



1. Security lock
2. Color temp. display
3. Locking Handle
4. USB WiFi Socket
5. Fuse
6. Power Socket

7. U bracket
8. Brightness display
9. Color Temp. knob
10. Focusing knob
11. Brightness knob
12. Temp. display

13. Fan switch
14. Power Switch
15. USB WiFi Receiver
16. USB WiFi Shell
17. Indicating light
18. USB WiFi cover

## ■ Operation

Before connecting the power supply, make sure the power switch is in off position ("O" indicates off position while "1" indicates on position)

When the fan is not in use, the power output of the LED light will drop 50% to prevent LED lights from overheating.

Connect the power cable and switch on the light, users can adjust the color temperature and brightness

① by pressing the touch points on the LCD display.

They represent color temperature and brightness respectively.

② by turning the knobs on the control panel. Color temperature is controlled by upper turning knob; Brightness and power-save mode are controlled by lower turning knob (pressing the lower turning knob to enter or exit power-save mode, fig.1 ad fig.2).

③: Do not turn the knobs too quickly to prevent signal loss

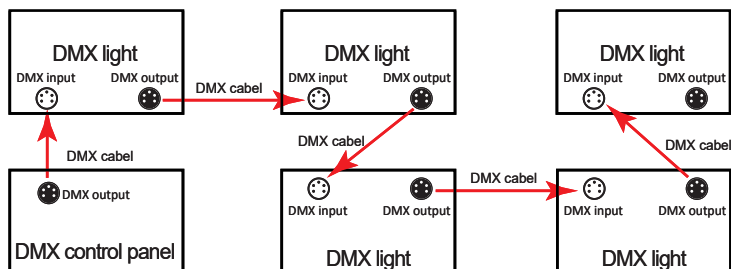


The color temperature range is 3000K – 8000K and the power output is from 0 – 100. It reaches maximum power output in 5500K and 100%.

## DMX operation

Please adjust the DMX channel if you will use DMX control panel. The current channel will be shown on the DMX display.(2 channels are used for dual-color temperature versions)

Please follow below DMX connection diagrams to setup a DMX system.



## Wi-Fi operation

Please download and install the Dracast WiFi application on mobile phone. You can download from our website (Android) or from App store (IOS).

Plug in the WiFi dongle, switch on the light then the indicating light on the dongle should have lighted up. Turn on the WiFi function on mobile phone and start to connect.

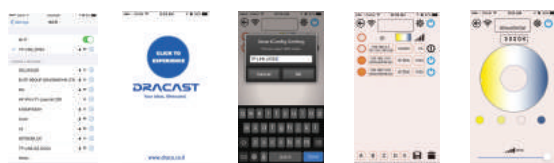


### Simple steps

1. connect Wi-Fi on phone
2. open Dracast app
3. choose the connected light
4. start controlling

**Single Light mode:** Search the WiFi network “LEDSDxxxx” on your mobile phone and enter password: candlehome to connect. Enter the WiFi app and the connected light should appear on the control screen. (All Wi-Fi dongle starts with the name LEDSDxxxx and follow by 4 digits, e.g. LEDSD1234) (All Wi-Fi dongles are pre-set with password : candlehome)

**Multi-Lights mode:** A router is needed for multi-lights connection. Connect your phone to a password protected router. Then turn on Dracast app to connect with the router by entering router name and password. Please press the Reset button (CCT knob) at the back of the LED light for 3 seconds. The Wi-Fi dongle indicating light will blink rapidly and stay still once it's connected. Then you will find all the connected lights showing up on the main display page, and now you can start controlling.



### Simple steps

1. connect Wi-Fi on a router
2. open Dracast app
3. enter router name & password
4. select the lights you want to control
5. start controlling

## ■ What are included?



Barn-door



Power cable



Cover cloth  
avoid light leaking






Main light with U-bracket

## ■ Attention

1. Make sure the power is off after use.
2. Do NOT plug/unplug when the power is still connected.
3. Since there can be high voltage inside the unit, Do NOT open or repair the unit yourself. If there is any defect, please contact an experienced technician.
4. Keep the environment dry and ventilated when using the product. Do not leave or use the light in humid or dusty environment.
5. For best performance of LEDs, maintain cleanliness of LEDs by wiping the surface softly with clean cloth.

## ■ Specification

Model No.			
	DRPL-FL-1500B DRPL-FL-1500D DRWF-FL-1500B DRWF-FL-1500D	DRWF-FL-3000B DRWF-FL-3000D	DRPL-FL-5000B DRPL-FL-5000D DRWF-FL-5000B DRWF-FL-5000D
Power Output	160W	300W	480W
Dimming	0-100% Step-less	0-100% Step-less	0-100% Step-less
Operating Voltage	AC 110-240V 60/50HZ	AC 110-240V 60/50HZ	AC 110-240V 60/50HZ
Color Temperature	D version: 5600K B-version: 3000K- 8000K	D version: 5600K B-version: 3000K- 8000K	D version: 5600K B-version: 3000K- 8000K
Control System	DRPL: DMX512 System DRWF: Wi-Fi System	DRPL: DMX512 System DRWF: Wi-Fi System	DRPL: DMX512 System DRWF: Wi-Fi System
Beam Angle	20 - 60 degree	20 - 60 degree	20 - 60 degree
CRI	95	95	95
LUX (FLOOD)	Daylight 1m:4150/3m:504/5m:183 7m:94/9m:57	Daylight 1m:9630/3m:1050/5m:417 7m:216/9m:135	Daylight 1m:12500/3m:1430 5m:566/7m:298/9m:185
	Bi-color 1m:3470/3m:420/5m:153 7m:78/9m:42	Bi-color 1m:7960/3m:860/5m:344 7m:181/9m:114	Bi-color 1m:13200/3m:1450 5m:581/7m:303/9m:189
LUX (FOCUS)	Daylight 1m:16300/3m:2040 5m:741/7m:384/9m:230	Daylight 1m:28900/3m:3030 5m:1130/7m:602/9m:373	Daylight 1m:41400/3m:4500 5m:1640/7m:845/9m:546
	Bi-color 1m:13600/3m:1800 5m:666/7m:302/9m:183	Bi-color 1m:27000/3m:2740 5m:976/7m:525/9m:322	Bi-color 1m:43800/3m:4540 5m:1610/7m:868/9m:540
Weight / Dimension	4.79kg / 400 x 250 x 210mm	9.8kg / 460 x 350 x 400mm	10.12kg / 460 x 350 x 400mm

# **DRACAST**

[www.dracast.com](http://www.dracast.com)

# DRACAST

## LED Fresnel

### Product Manual



DRPL-FL-1500B / DRPL-FL-1500D

DRWF-FL-1500B / DRWF-FL-1500D

DRWF-FL-3000B / DRWF-FL-3000D

DRPL-FL-5000B / DRPL-FL-5000D

DRWF-FL-5000B / DRWF-FL-5000D

## ■ Product Demonstration



**FL-1500  
160W**



**FL-3000  
300W**



**FL-5000  
480W**