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Celeb® LED 201 DMX *Discontinued 03/2018*

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See newer model Celeb 250

🔍 **Product Images**

The Celeb® LED 201 DMX produces a soft, even wraparound lighting quality (CRI 95) and produces color faithfully, beautifully on HD or film, in the studio or on location. The Celeb LED 201 measures 24" x 14" (61cm x 35.5cm) and is similar in profile and light output as the popular Diva-Lite 415.

The Celeb LED boasts technical innovations that make it an ideal professional imaging tool: a dial-in variable color temperature control, full-range dimming and programmable 2700K to 6500K presets. The Celeb LED's 100 Watts of soft, lustrous white light doesn't flicker or shift color temperature when dimmed. With the use of a Lumen Radio transmitter (sold separately), the Celeb LED 201 can be operated DMX wirelessly as an alternative to DMX cables.

The trim, lightweight fixture operates on universal AC power, 100VAC-240VAC, and needs only less than one amp to produce more lumens than a 750W tungsten soft light. The Celeb LED 201 can also be powered by 24VDC battery. The Celeb LED's cost savings from low energy and long lamp life continues Kino Flo's reputation as an environmentally friendly lighting company.
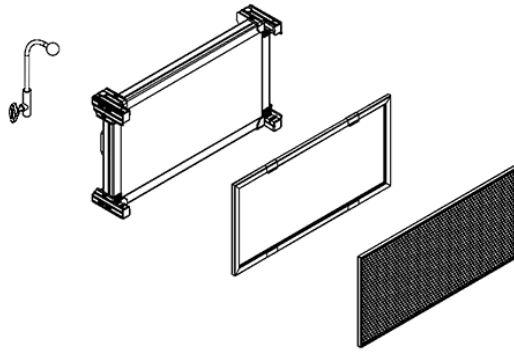
The Celeb LED 201 comes complete with 360 degree mounting, molded accessory holders, removable gel frame and focusing louver.
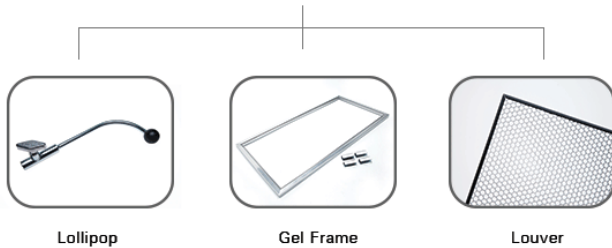
Features include:

- Kelvin presets and custom settings between 2700-6500K
- Universal Input 100VAC-240VAC or 24VDC
- Onboard and DMX dimming
- DMX wireless link (Lumen Radio)
- DMX Auto Terminate
- Flicker-free, quiet operation
- Gel Frame, Honeycomb Louver
- Center Mount, Yoke Mount and Pole-Op

Celeb LED 201 DMX Highlights

- Five Kelvin presets
- Dial-in color temperature control between 2700-6500K
- Can use preset buttons to store custom Kelvin settings
- Light levels do not change when selecting Kelvin settings
- Color-correct with high color rendering index (CRI 95)
- Universal Input 100VAC-240VAC or 24VDC
- Energy efficient, draws less than 1A, 120VAC
- Flicker-free, quiet operation
- Full range onboard and DMX dimming
- DMX wireles link (Lumen Radio)
- DMX Auto Terminate
- No color shift while dimming
- All-in-one metal alloy design with built-in electronics
- Fixture includes Gel Frame and 90° Honeycomb Louver
- Honeycomb louver also available in 60°
- Lightweight, slim profile
- Mounts to stand or can hang easily from a grid
- Accessory molded corners also used for four-point rope hang

Celeb LED 201 DMX Fixture

Lollipop

Gel Frame

Louver

Celeb LED 201 DMX

Kino Flo's innovative Celeb LED 201 DMX is a soft, cool LED ideally suited for today's growing demands for energy efficient, portable, yet color-correct LED lighting. The Celeb LED joins the Kino Flo family of Academy Award-winning lighting systems. The Celeb LED was developed using the latest technology to conform to Kino Flo's highest standards – cool, color-correct, flicker-free and quiet operation, which is what sets the Celeb LED apart from all other LED's.

As with all Kino Flos, the Celeb LED's soft, lustrous color has been specially formulated to match the spectral distribution curves of HD film and video cameras. With a high color rendering index (CRI 95), the Celeb LED operates coolly and flicker-free, even while dimming, and maintains its True Match® color temperature without any color shift.

The all-in-one metal alloy fixture includes onboard and DMX dimming and runs universally at 100-240VAC or 24VDC. The push-button Kelvin presets can be fine-tuned to custom settings from 2700K to 6500K with a turn of a dial. Light levels do not change when selecting Kelvin settings. With the use of a Lumen Radio transmitter (sold sparately), the Celeb LED 201 can be operated DMX wirelessly. The Celeb's slim profile is lightweight and mounts onto a baby stand or can be hung from a grid with a baby pipe clamp.

With its soft, beauty light and compact, sturdy design, the Celeb LED makes a great tool for rigorous everyday use in any studio environment or on location.

For FAQ's, **click here**.

Celeb LED 201 DMX Kit

KIT-C201-120U
Celeb LED 201 DMX Center Mount Kit, Univ 120U

KIT-C201-230U
Celeb LED 201 DMX Center Mount Kit, Univ 230U

Contents
1 Celeb LED 201 DMX Center   (CEL-201C)
1 Flight Case   (KAS-CE2)

Dimensions
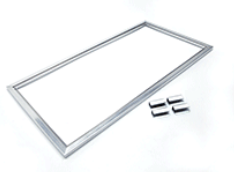29 x 10.5 x 17"
(74 x 27 x 43cm)

Weight
31 lb (14kg)

Celeb LED 201 DMX Fixture Styles
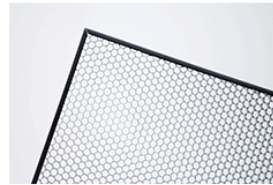
The Center Mount

Center Mount

Gel Frame

Honeycomb Louver

The Celeb LED 201 DMX fixture styles include: Center Mount, Yoke Mount and Pole-Op. The compact design is only 5" in depth and is comprised of a rugged metal alloyed fixture with built-in electronics. The fixtures include a built-in reflector, removable gel frame and 90° honeycomb louver. The molded accessory holders hold the gel frame and louver and also allow for a 4-point rope hang.

Celeb LED w/ Center Mount

Mounted on a baby stand

Mounted to pipe grid

The **Celeb LED 201 Center Mount** includes a ball and socket design and lock down handle. It allows unrestricted 360° orientation. At the other end of the Center Mount is a baby receiver curved lollipop, **MTP-LBC** (16mm), which can go directly onto a baby stand or hang from
a pipe grid.

Note: The handles on the back of the fixture provide an attachment point for a safety chain.

Lollipops are interchangeable.

MTP-L   Kino 41 Lollipop w/ 3/8" Pin (16mm)
MTP-LBC   Kino 41 Lollipop w/ Baby Receiver Curve (16mm)
MTP-LBS   Kino 41 Lollipop w/ Baby Receiver Short (16mm)

MTP-B41F

The Kino Offset w/ Baby Receiver, **MTP-B41F** (sold separately), can be used to center the weight and balance of the fixture on a stand.

It can also be under slung from a baby stand to use as an up light.

The Yoke Mount

Celeb LED with Yoke Mount   **MTP-I40**   **MTP-I80**

The **Celeb LED 201 Yoke Mount** fixture has a ½" hole to accept industry standard hardware. The yoke mount fixture can hang from a grid with a baby pipe hanger using a Baby Receiver Assembly for Yoke **(MTP-I40),** sold separately. It can also hang from a a junior pipe hanger using a Junior Pin Assembly for Yoke **(MTP-I80),** also sold separately.

Note: The yoke also provides an attachment point for a safety chain.

The Pole-Op

Celeb LED with Pole-Op   **Pole-Op**   **Jr. Pin**
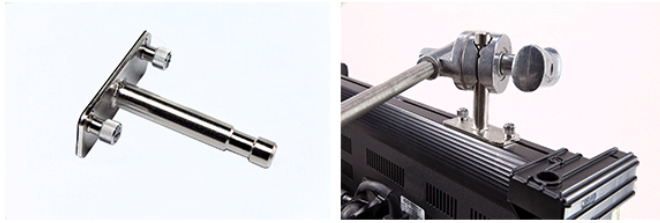   **(Included)**

The **Celeb 201 Pole-Op** fixtures include a yoke with an attached junior pin. They can be hung from a grid with a Junior pipe hanger.

The blue cup alters the Pan (left or right) and the white cup alters the Tilt (up or down).
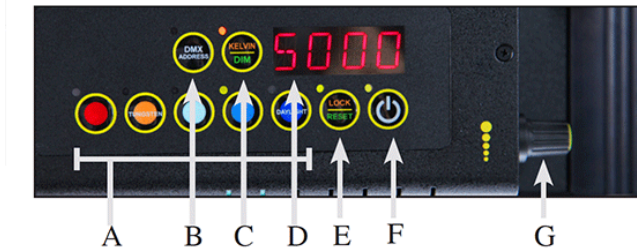

Other Rigging Options

Unique accessory holder brackets are also designed to enable 4-point rope hangs for specialty rigging applications.

MTP-CE

The Celeb Support w/ Pin **(MTP-CE)** can be used with the center mount or yoke assembly as **additional** mount points, for example, car rigs, etc.

Celeb LED 201 DMX Control Panel

A) Kelvin Preset Buttons: Kelvin buttons come preset at the factory. Factory defaults left to right are: 2700K, 3200K, 4500K, 5500K, 6500K. User can also use these preset buttons to store custom Kelvin settings.

B) DMX ADDRESS – Use to set DMX address. The Celeb LED 201 automatically assigns 2 channels. First Channel controls Dimming; Second Channel controls Kelvin.

C) KELVIN / DIM: In KELVIN mode, an amber light appears to the left of the button and Kelvin is displayed. Press the button again to change to DIM mode. In DIM mode, a green light will appear to the left of the button and Dim level is displayed.

D) Display: Provides Kelvin, Dim level and software revision data.

E) LOCK / RESET: In **LOCK** mode, an amber light is displayed to the left of the button. In **RESET** mode, the indicator light is green. To reset to factory presets, hold the **LOCK / RESET** button for 5 seconds.

F) On / Off: On = Green light displayed. **Off** = Amber light displayed.

G) Kelvin / Dimmer Knob: Manually adjusts Kelvin or Dim levels. Press the knob to toggle between fine and coarse adjustments.

Note: Each Celeb LED 201 DMX fixture has an **"AUTO TERMINATE"** feature. The last fixture that does not have an XLR cable attached to the DMX "Out" port will automatically terminate.

DMX Operation

The Celeb LED 201 DMX also features DMX control of dim levels as well as Kelvin color temperature control. The 1st channel operates dimming; the 2nd channel operates Kelvin color temperature control. Rotating the adjustment knob will select a DMX address.

For more detailed DMX information, see the Operation Manual.

Celeb LED 201 DMX Mapping Profile

Celeb LED 201 vs. 200 Kelvin comparison

Celeb LED 201 DMX Mapping Table

Celeb LED 200 DMX Mapping Table

Fixture Power

The Celeb LED 201 is powered AC and includes an IEC connection.
A locking power cord is included with the fixture.

The fixture has a built-in power supply with universal input from 100-240VAC.

The Celeb LED 201 can also be operated on 24VDC (input range 18-28VDC) through a 3-Pin XLR. It can be powered by a battery belt.

The pin polarity is:

Pin #1 – Ground
Pin #2 + 18-28VDC

Pin #3   Not used

Wireless Operation

The Celeb LED 201 can be operated DMX wirelessly with a Lumen Radio transmitter, sold separately. This replaces the need for DMX cables.

A) Signal Strength Indicator:

Blue	On-Wireless Enabled/Unlinked
Green	100%-60%
Orange	59%-20%
Red	Less than 10%

B) Power/Wireless (white): On/Off
C) Unlink (red): Hold for 3 seconds to unlink

Note: Fixture must be powered on and Power/Wireless must be in "On" position. In addition, transmitter must be connected to a DMX controller with a valid DMX output

Tip: DMX fixtures without wireless capability can be daisy chained with DMX cables to the wireless "linked" fixture.
For more information on wireless operation, see the **Operation Manual**.
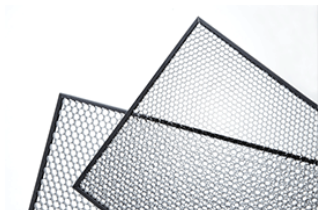For more information on Lumen Radio, see links below:

www.lumenradio.com
http://www.lumenradio.com/howtobewireless.php
http://www.lumenradio.com/crmxfaq.php

Light Control

Honeycomb Louvers & Gel Frame

The Celeb LED 201 includes a Gel Frame **(GFR-CE2)** and a 90° Honeycomb Louver **(LVR-CE290-P)**.

The Kino Flo high grade plastic Honeycomb Louver controls and focuses the light which narrows the light spread with minimal light loss. A 60° Honeycomb Louver **(LVR-CE260-P)** is also available as an accessory.

The spring loaded accessory channels hold the Gel Frame and Louver.

Barndoors

BRD-CE2

Accessory Barndoors are sold in sets of 4 **(BRD-CE2)**. They are designed so that they can be individually mounted.

Cases

The heavy-duty flight case **(KAS-CE2)** is well suited for long distance transport by sea or air. The rugged construction ensures that the fixture is well protected. The flight case holds one Celeb LED center mount fixture and an additional louver.

The clamshell case **(KAS-CE2-C)** is recommended for transport in small vehicles or production trucks. The clamshell case holds one Celeb LED center mount fixture and an additional louver.

The metal valence yoke ship case **(KAS-CE2-Y)** is recommended for transport by sea or air. The yoke ship case holds one Celeb LED yoke mount fixture and an additional louver.

Celeb LED 201 DMX Advantages

Energy Efficiency

The Celeb LED 201 DMX operates on universal AC power or battery power and needs only 1A (120VAC) to produce more lumens than a 750W tungsten softlight. The Celeb LED's cost savings from low energy and long lamp life continues Kino Flo's reputation as an environmentally friendly lighting company.

All-in-one Design

The Celeb LED 201 DMX is comprised of a rugged metal alloy fixture which includes state of the art electronics with onboard and DMX dimming and runs universally at 100-240VAC or 24VDC. The five push-button Kelvin presets can be fine-tuned to custom settings from 2700K to 6500K with a turn of a dial. Light levels do not change when selecting Kelvin settings. Slim and lightweight in design, the Celeb LED includes a removable gel frame and honeycomb louver. The molded corner accessory holders can also be used as a 4-point rope hang. With wireless capability, the Celeb LED 201 can be operated DMX wirelessly as an alternative to DMX cables. The all-in-one design with universal VAC or 12VDC and DMX operation makes the Celeb LED a versatile and portable tool whether it's in the studio or on location.

Center Mount, Yoke Mount and Pole-Op

The versatility of the Center Mount design allows 360° of unrestricted mounting. The baby receiver lollipop can mount directly onto a baby stand or hang from a grid with a baby pipe clamp. Other baby lollipops are interchangeable for further flexibility. The Yoke Mount fixture includes a welded alloy yoke bale offering unlimited orientation of fixture movement to focus the light when lighting from a grid. The Pole-Op Yoke includes an attached junior pin and offers advantage of lighting from a grid and eliminating the need for ladder access or costly automated rigging and hoist systems.

Long LED Life

Rated lifetime is up to 50,000 Hours. With its long LED life, the Celeb's unique design will maintain its color-correct color temperature.

True Match® Color-Correct

As with all Kino Flo products, the Celeb LED 201 has been specially formulated to match the spectral distribution curves of today's HD film and video equipment. The Celeb LED has a high color rendering index of CRI 95. Even while dimming, the fixture is flicker-free and without color shift.

Heat Management Design

For Kino Flo, heat management is a critical design element of fixture design. The physical heat or buildup heat within the LED fixture will directly influence the color temperature, lumen performance and life of an LED.

The Celeb LED's unique design operates coolly, consumes very low energy (1A, 120VAC) and is properly ventilated to maintain a stable color temperature.

A well maintained temperature extends the lumen maintenance, color temperature and life of an LED.

Cost Savings

Cost savings attributed to the Celeb LED 201 cover a broad range of concerns:

- Low energy costs
- Less heat so low air conditioning expenses
- No gel replacements because of low heat

Energy Savings Calculations

With the push for reducing fossil fuel consumption, TV studios are looking at cooler more efficient lighting systems to reduce the costs and save energy. Part of this process involves generating energy values to determine savings. One of the most important values is Btu/kWh.

British Thermal Units per Kilowatt Hour

Any light generates a percentage of usable light and the rest in heat. For example, a standard incandescent light bulb converts only 11 percent of its electrical input into visible light, while the rest is dissipated directly as heat. There are energy costs involved in cooling the studio environment. The measure of Btu/kWh is a means of calculating the thermal loads related to operating lighting.

Use the following information to calculate Btu/kWh Watts to Btu:

1 kWh = 3413 Btu/Hr
1 Watt = 3.413 Btu/Hr
3.413 Btu per Watt-hour

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