



KINO FLO DIV-LX20U Diva-Lite LED DMX Fixture Installation Guide

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KINO FLO DIV-LX20U Diva-Lite LED DMX Fixture



Diva-Lite LED DMX Fixture



DIV-LX20U

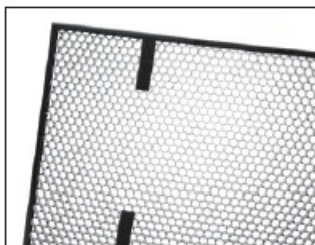
Diva-Lite 20 LED DMX, Univ



DIV-LX30U

Diva-Lite 30 LED DMX, Univ

Included w/ Diva-Lite LED Models



LVR-SL290-P

Diva-Lite 20 Louver/HP, 90° (Included)

LVR-SL390-P

Diva-Lite 30 Louver/HP, 90° (Included)



MTP-LBC

Kino 41 Lollipop w/ Baby Receiver Curve (16mm)
(Included)

Diva-Lite 20 LED DMX Kits



**Diva-Lite 20 LED
DMX Kit w/ Soft Case**

KIT-DL20XBU

Diva-Lite 20 LED DMX Kit, Univ w/ Soft Case

Kit Contents:

1 Diva-Lite 20 LED Fixture
1 Soft Case

Dimensions:

31 x 7.5 x 18"
(79 x 19 x 46cm)

Weight:

19.5 lb
(9kg)



**Diva-Lite 20 LED
DMX Kit**

KIT-DL20XU

Diva-Lite 20 LED DMX Kit, Univ w/ Travel Case

Kit Contents:

1 Diva-Lite 20 LED Fixture
1 Travel Case

Dimensions:

28.5 x 8.5 x 19.5"
(72 x 22 x 49.5cm)

Weight:

26 lb
(12kg)



**Diva-Lite 20 LED
DMX Kit (2-Unit)
w/ Flight Case**

KIT-DL22XU

Diva-Lite 20 LED DMX Kit, Univ (2-Unit)
w/ Flight Case

Kit Contents:

2 Diva-Lite 20 LED Fixture
1 Flight Case

Dimensions:

22.5 x 16 x 33.5"
(57 x 41 x 85cm)

Weight:

58 lb

Diva-Lite 30 LED DMX Kits



**Diva-Lite 30 LED
DMX Kit w/ Soft Case**

KIT-DL30XBU

Diva-Lite 30 LED DMX Kit, Univ w/ Soft Case

Kit Contents:

1 Diva-Lite 30 LED Fixture
1 Soft Case

Dimensions:

42.5 x 7.5 x 16.5"
(108 x 19 x 42cm)

Weight:

23 lb
(10kg)



**Diva-Lite 30 LED
DMX Kit w/ Flight Case**

KIT-DL30XU

Diva-Lite 30 LED DMX Kit, Univ w/ Flight Case

Kit Contents:

1 Diva-Lite 30 LED Fixture
1 Flight Case

Dimensions:

46 x 11 x 16.5"
(117 x 28 x 42cm)

Weight:

43 lb
(19.5kg)

Power

AC Input

The Diva-Lite LED includes a built-in power supply with universal input from 100-240VAC. It also includes a 12ft power cord with a locking IEC connector.



Ambient Operating Temperature

The Diva-Lite LED is designed to operate at temperatures from 14°F to 104°F (-10°C to 40°C).

DC Input



The Diva-Lite LED can also be operated on 24VDC (input range 18-36VDC) through a 3-Pin XLR.

The pin polarity is:

Pin # 1 – Ground

Pin # 2 + 18-36VDC

Pin # 3 not used



Note: A low voltage warning will display if input DC voltage is under 18VDC. Photo example: LOW VDC: 17

CONTROL PANEL MODELS

Control Panel – White Mode



A) On /Off: On = Green light displayed. Off = Red light displayed. The display and all menu settings can be operated while the power button is in the Off position, as long as power is applied to the controller. The On /Off button only controls the light source.

B) Menu: Provides access to menu options such as General settings, Reset, DMX, DMX Wireless, Camera LUT and Color Space. Shortcut: While on control screen, press and hold for 3 seconds to switch through menus (White, Gels & Hue, RGB, CIE xy and FX).

C) Preset Buttons: Factory defaults left to right are: 2700K, 3200K, 5000K and 6500K. G/M default value is 000. User can also use these preset buttons to store custom Kelvin and G/M settings.

D) Display: Provides access to Dim, Kelvin, G/M, and DMX channel. Factory reset will show: Dim = 10%, Kelvin = 2700K, G/M = 000, DMX = 001.

E) Lock: Press the Lock button to disable all buttons and Control knob. Press for 3 seconds to restore displayed

presets to default factory settings.

F) Mode: Press to navigate from Dim to Kelvin and G/M settings. When in sub-menus, pressing Mode always returns you to main display. When DMX is applied, use Mode to access DMX channel on main display. Shortcut: Long press will bring you back one step.

G) Data Port: Mini B USB for firmware updates.

H) Control Knob: Manually adjusts Dim, Kelvin, G/M levels and DMX address. Press the Control knob to toggle between Fine and Coarse increments or when selecting options within menus.

DMX Note: Each LED 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.

Control Panel – Gels/Hue Mode



A) Menu:

Provides access to menu options such as General settings (Gels/Hue Mode), Reset, DMX, DMX Wireless, Camera LUT and Color Space. Shortcut: While on control screen, press and hold for 3 seconds to switch through menus (White, Gels & Hue, RGB, CIE xy and FX).

B) Preset Buttons:

Factory defaults left to right are: 2700K, 3200K, 5000K and 6500K. G/M default value is 000. User can also use these preset buttons to store custom Kelvin between 2500K and 9900K and custom G/M, Gel, Hue and Saturation settings.

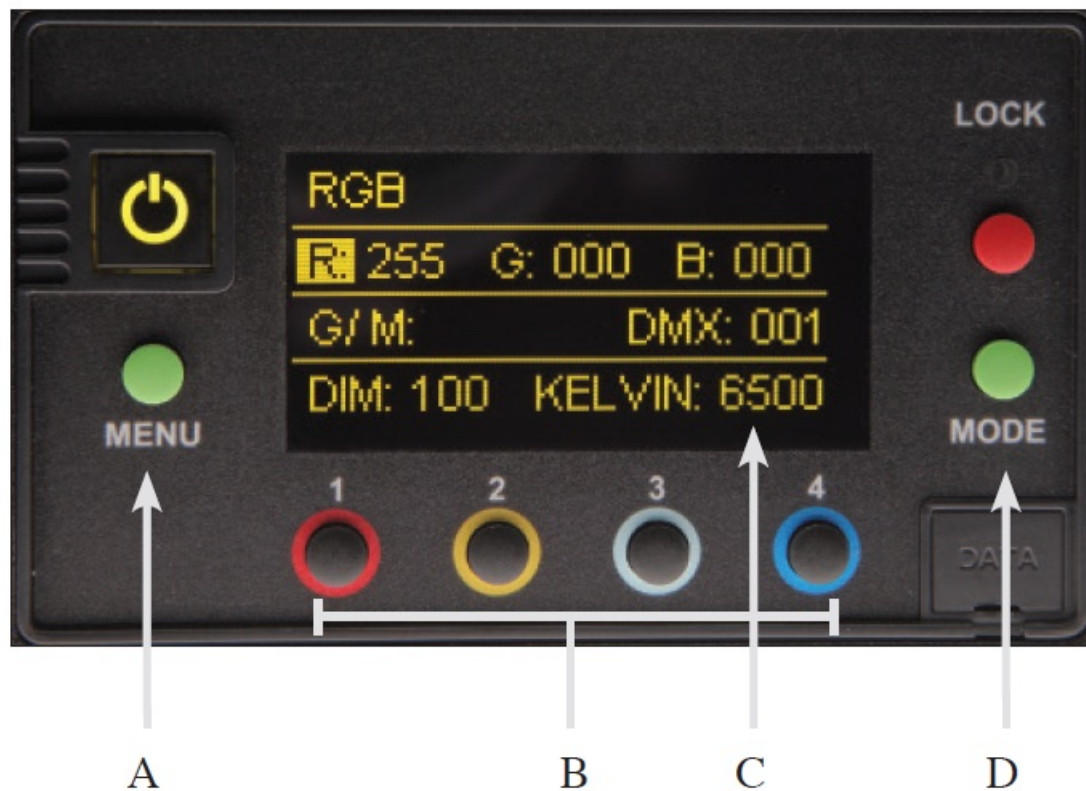
C) Display:

Provides access to Dim, Kelvin, G/M, Gel, Hue/Saturation and DMX channel. Factory reset will show: Dim = 10%, Kelvin = 2700K, G/M = 000, DMX = 001.

D) Mode:

Press to navigate from Dim to Kelvin, G/M, Gel, Hue and Saturation settings. When on the Gel function, pushing the Control knob in/out will apply the gel or remove the gel. When in sub-menus, pressing Mode always returns you to main display. When DMX is applied, use Mode to access DMX channel on main display. Shortcut Tip: Long press will bring you back one step.

Control Panel – RGB Mode



A) Menu:

Provides access to menu options such as General settings (RGB Mode), Reset, DMX, DMX Wireless, Camera LUT and Color Space. Shortcut: While on control screen, press and hold for 3 seconds to switch through menus (White, Gels & Hue, RGB, CIE xy and FX).

B) Preset Buttons:

Factory defaults left to right are: 2700K, 3200K, 5000K and 6500K. G/M default value is 000. User can also use these preset buttons to store custom Kelvin between 2500K and 9900K and custom G/M, and RGB settings.

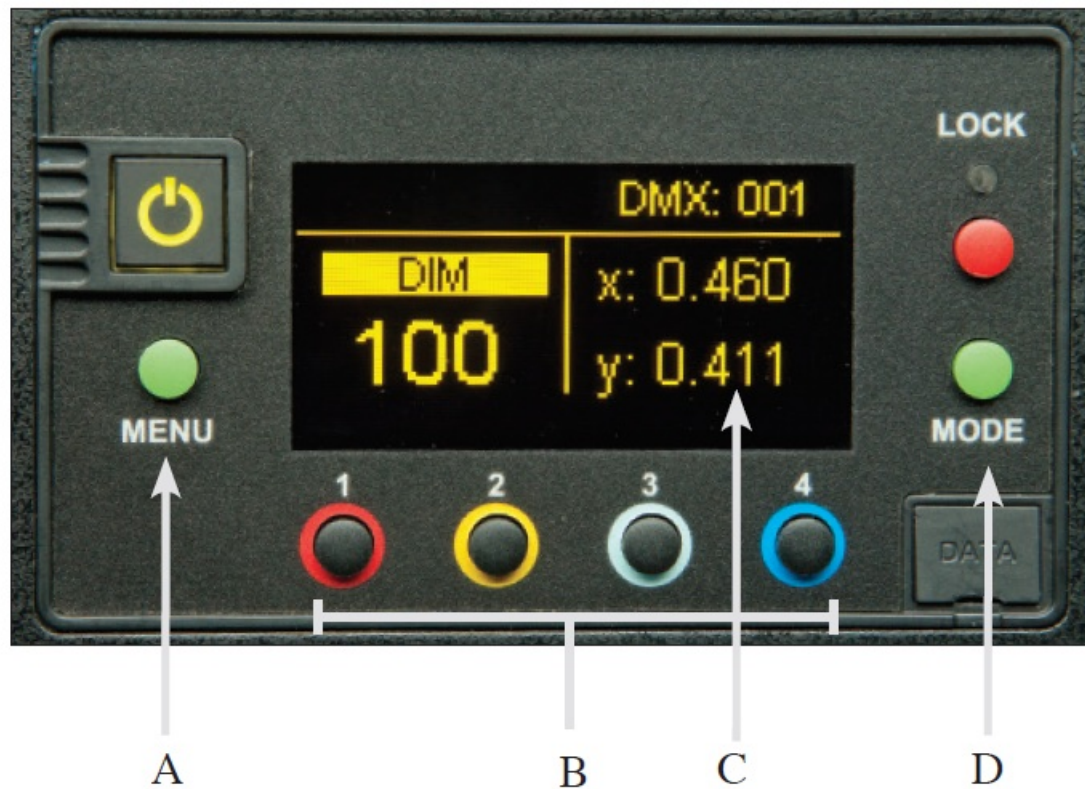
C) Display:

Provides access to Dim, Kelvin, G/M, RGB and DMX channel. Factory reset will show: Dim = 10%, Kelvin = 2700K, G/M = 000, DMX = 001.

D) Mode:

Press to navigate from Dim to Kelvin, G/M, RGB settings. When in sub-menus, pressing Mode always returns you to main display. When DMX is applied, use Mode to access DMX channel on main display. Shortcut: Long press will bring you back one step.

Control Panel – CIE xy



A) Menu:

Provides access to menu options such as General settings (CIE xy mode), Reset, DMX, DMX Wireless, Camera LUT and Color Space. Shortcut: While on control screen, press and hold or 3 seconds to switch through menus (White, Gels & Hue, RGB, CIE xy and FX).

B) Preset Buttons:

Factory defaults left to right are: 2700K, 3200K, 5000K and 6500K. User can also use these preset buttons to store custom xy settings.

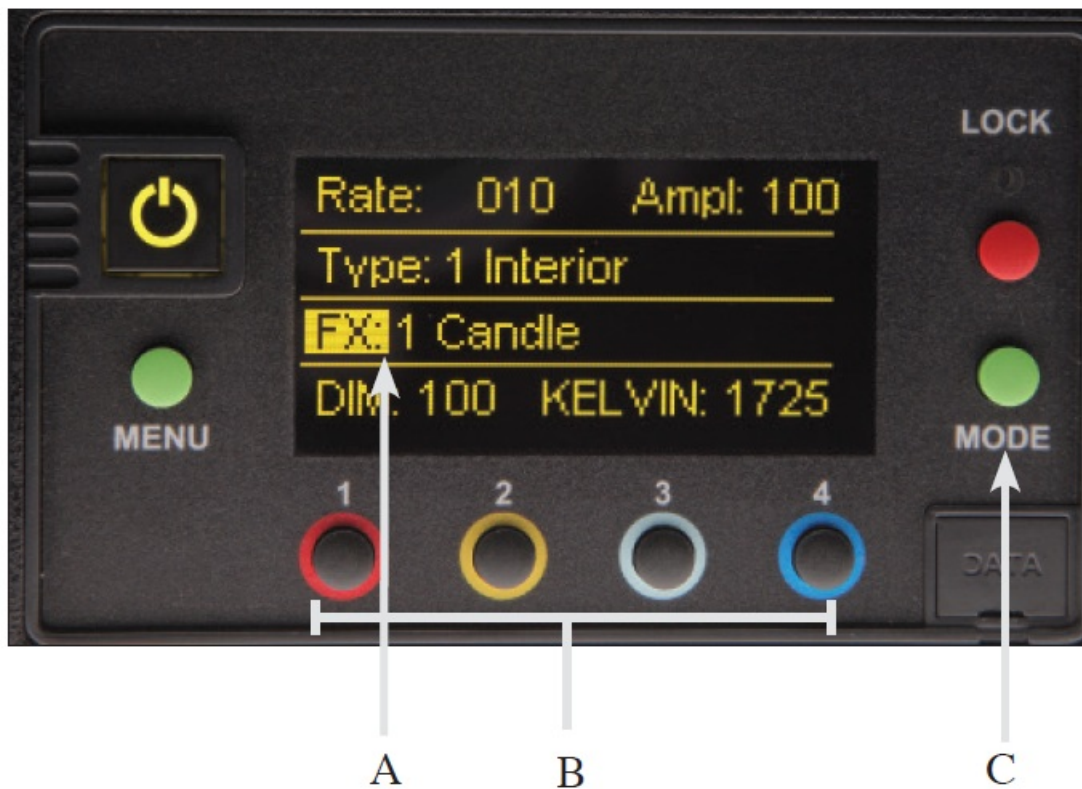
C) Display:

Provides access to Dim, CIE xy coordinates and DMX Channel. Factory reset will show: Dim = 10%, x = 0.460 , y = 0.411, G/M = 000, DMX = 001.

D) Mode:

Press to navigate from Dim to xy settings. When in sub-menus, pressing Mode always returns you to main display. When DMX is applied, use Mode to access DMX channel on main display. Shortcut: Long press will bring you back one step.

Control Panel – FX (Effects)



FX mode provides access to effects including Candle, Fire, TV, Police, Lightning, Paparazzi, Pulse and Scroll. Candle mode used as an example:

A) FX Option:

Choose the desired FX Mode by rotating the control knob. When on the desired effect, there will be several pre-programmed effects as well as control parameters that can be altered.

B) Preset Buttons:

In FX Mode, Kelvin custom settings and any control functions displayed such as Rate and Amplitude (Ampl) can be saved as a preset. Chosen values can be assigned to any preset button by holding down the desired button for 3 seconds. The Kelvin display will flash once the setting is registered. To restore presets to default factory settings, choose Reset under General settings and Clear Presets. This method will reset all buttons in all Modes. Shortcut: If only want to clear presets for Candle Mode, hold Lock button for 3 seconds while Candle mode is displayed.

C) Mode:

Press to navigate from Dim to Kelvin and FX settings. Shortcut: Long press will bring you back one step.

Camera LUT



The Camera LUT (Look-up Tables) feature harmonizes the Kino Flo light sources to the camera. Depending on the camera and the Kelvin setting, some differences are very subtle, while others can be more dramatic. The corrections are applied as a CIE xy correction at each CCT (Kelvin) setting. The default setting is targeting the CIE xyz response (human eye). Press the green menu button to the left of the display screen and scroll down to Camera LUT, then press the control knob. Menu with camera selection will be displayed. Turn the control knob and press to select camera setting:

- C1 Arri Alexa
- C2 Sony Venice
- C3 Panavision DXL
- C4 Panasonic Varicam

The camera code (C1 for Arri Alexa), for example, will appear on the main menu between DIM and CCT to designate that a camera setting is active.

Note: When the controller is reset, the camera settings will go to Kino Flo Default mode.

Color Space



Color Space defines the RGB color space used and only affects color – not Kelvin. It is used in RGB mode and Hue Angle and Saturation. There are a few instances in the FX (Effects) mode that are also affected when color is used. The RGB color space defines the value of Red, Green, and Blue primaries (in CIE xy) and the white point is fixed at 6500 Kelvin. Press the green menu button to the left of the display screen and scroll down to Color Space, then press the control knob. Menu with color selection will be displayed. Turn the control knob and press to select Color Space options:

rec 709 / sRGB

P3 D65

rec 2020

- The color space rec 709 / sRGB is commonly used on computer monitors, SDTV and HDTV television. There are slight gamma variations between rec 709 / sRGB, but not enough to separate into 2 color spaces.
- The color space P3 D65 is a common color space for digital movie projection.
- The color space rec 2020 is used in ultra high definition television (UHDTV).
- The color space is used when the controller is set to the RGB mode and when set to the Hue Angle/ Saturation mode.
- **In RGB mode** – the color space designation will be displayed at the top of the menu. When changing the Red, Blue or Green values, the Kelvin will be locked in at 6500 for all color spaces. When the Kelvin is locked in, CCT will be displayed as CCT*. When using Green/Magenta the CCT value is unlocked and color space selection has no impact.
- **In Hue Angle/Saturation mode** – the color space designation will be displayed on the Gel line and GEL will be displayed as GEL* and CCT will be displayed as CCT*. The Color space will be displayed only when Hue Angle and Saturation are being used. When using Green/Magenta or Gel, the CCT will be unlocked and color space selection has no impact.

Mounting Procedures



Mounted on a baby stand.



Mounted to pipe grid.



Note: When hanging in a studio, loop a safety cord through the metal ring provided on the back of the fixture.



Turn the knob to loosen or tighten the mount.



Lollipops are interchangeable.

MTP-L	Kino 41 Lollipop w/ 3/8" Pin (10mm)
MTP-LBC	Kino 41 Lollipop w/ Baby Rcvr Curve (16mm)
MTP-LBS	Kino 41 Lollipop w/ Baby Rcvr Short (16mm)

Baby Offset Arm



MTP-B41F
Kino Offset w/
Baby Receiver (16mm)



The Baby Offset Arm (MTP-B41F) allows fixtures to mount on the center of a stand or it can also be under slung from a baby stand to use as an up light.

Applying Louver



The Louver is fastened to the fixture with 4 Velcro straps.

Mounting Flozier

To mount Flozier accessory, remove Louver.



- Stretch two elastic cords around fixture.
- Take up slack on both elastic cords.



- Expand the Barndoors to smooth out the face of the Flozier and eliminate wrinkles

SnapBag & SnapGrid



The SnapBag accessory (DFS-FS31-S & DFS-FS21-S) is a lightweight fabric tailor-made for the Diva-Lite LED. It slips over the fixture and is attached with straps. The reflective material intensifies the soft light. The removable Magic cloth or Grid cloth attaches to the inside with Velcro.



The SnapGrid accessory (LVR-FS340-S & LVR-FS240-S) is constructed of pre-stretched fireproof fabric with a built-in stainless steel frame. It unfolds and snaps into place. This model requires the use with the corresponding SnapBag; it is not designed to be used by itself.

Accessories



DFS-SL30-H Diva-Lite 30 Flozier, Half

DFS-SL20-H Diva-Lite 20 Flozier, Half



DFS-FS31-S Diva-Lite 30 SnapBag
w/ 2 x Diffusion

DFS-FS21-S Diva-Lite 20 SnapBag
w/ 2 x Diffusion



LVR-FS340-S Diva-Lite 30 SnapGrid 40°

LVR-FS240-S Diva-Lite 20 SnapGrid 40°



LVR-SL390-P Diva-Lite 30 Louver/HP 90°

LVR-SL360-P Diva-Lite 30 Louver/HP 60°

LVR-SL290-P Diva-Lite 20 Louver/HP 90°

LVR-SL260-P Diva-Lite 20 Louver/HP 60°



Lollipops are interchangeable.

MTP-L Kino 41 Lollipop w/ 3/8" Pin (10mm)

MTP-LBC Kino 41 Lollipop w/ Baby Rcvr Curve
(16mm)

MTP-LBS Kino 41 Lollipop w/ Baby Rcvr Short
(16mm)

Cases

	BAG-SL30 Diva-Lite 30 Soft Case BAG-SL20 Diva-Lite 20 Soft Case
	KAS-DL30 Diva-Lite 30 Flight Case KAS-DL20-C Diva-Lite 20 Travel Case
	KAS-DL22 Diva-Lite LED 20 Flight Case (2)

Diva-Lite LED Fixture Specifications



**Diva-Lite 20 LED
DMX**

DIV-L20XU Diva-Lite 20 LED DMX, Univ

- C Input Voltage: 100~240VAC 50/60Hz, 150W
- Amperage VAC: 1.25A at 120VAC, 0.65A at 230VAC
- DC Input Voltage: 18~36VDC, 150W
- Amperage VDC: 6.25A at 24VDC
- Kelvin Range: 2500K~9900K
- Dimming Range: 100%~1%
- Weight: 14.5 lb (6.5kg)
- Dimensions: 25 x 13 x 6" (63.5 x 33 x 15cm)

DIV-L30XU Diva-Lite 30 LED DMX, Univ

- AC Input Voltage: 100~240VAC 50/60Hz, 150W
- Amperage VAC: 1.25A at 120VAC, 0.65A at 230VAC
- DC Input Voltage: 18~36VDC, 150W
- Amperage VDC: 6.25A at 24VDC
- Kelvin Range: 2500K~9900K
- Dimming Range: 100%~1%

- Weight: 17 lb (8kg)
- Dimensions: 39 x 10.5 x 6" (99 x 27 x 15cm)



**Diva-Lite 30 LED
DMX**

FCC Part 15 Verification:

This device complies with Part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

FCC Part 15 Declaration of Conformity:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

KINO FLO, INC

Diva-Lite 20 LED, Diva-Lite 30 LED

ID: XRSCRMXTIMO101

IC: 8879A-CRMXT101

The light source of this luminaire is not replaceable; when the light source reaches its end of life the whole luminaire shall be replaced. The luminaire is intended for professional use only.

Environmental: Disposal of Old Electrical & Electronic Equipment.

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. This product is made of recyclable materials and should be disposed of in accordance with governmental regulations.

Kino Flo, Inc. 2840 N. Hollywood Way, Burbank, CA 91505, USA

Tel: 818 767-6528

website: www.kinoflo.com

Documents / Resources

 <p>Operation Manual Diva-Lite 20U/30U LED (True Match™ Fixtures 5.0) (DCM)</p> <p>KINO FLO</p>	<p>KINO FLO DIV-LX20U Diva-Lite LED DMX Fixture [pdf] Installation Guide DIV-LX20U Diva-Lite LED DMX Fixture, DIV-LX20U, Diva-Lite LED DMX Fixture, LED DMX Fixture</p>
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References

-  [Welcome to Kino Flo Lighting Systems](#)

Manuals+.