Operation Manual
Diva-Lite 20/30 LED
(True Match® Firmware 3.0)

KINO FLO
Lighting Systems

Diva-Lite LED DMX System

DIV-L20X-120U
Diva-Lite 20 LED DMX, Univ 120U
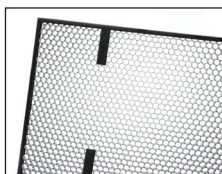
DIV-L20X-230U
Diva-Lite 20 LED DMX, Univ 230U

DIV-L30X-120U
Diva-Lite 30 LED DMX, Univ 120U

DIV-L30X-230U
Diva-Lite 30 LED DMX, Univ 230U

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-DL20XB-120U
Diva-Lite 20 LED DMX Kit, Univ 120U w/ Soft Case

KIT-DL20XB-230U
Diva-Lite 20 LED DMX Kit, Univ 230U 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-DL20X-120U
Diva-Lite 20 LED DMX Kit, Univ 120U w/ Travel Case

KIT-DL20X-230U
Diva-Lite 20 LED DMX Kit, Univ 230U 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-DL22X-120U
Diva-Lite 20 LED DMX Kit, Univ 120U (2-Unit) w/ Flight Case

KIT-DL22X-230U
Diva-Lite 20 LED DMX Kit, Univ 230U (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
(26kg)

Diva-Lite 30 LED DMX Kits

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

KIT-DL30XB-120U
Diva-Lite 30 LED DMX Kit, Univ 120U w/ Soft Case

KIT-DL30XB-230U
Diva-Lite 30 LED DMX Kit, Univ 230U 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-DL30X-120U
Diva-Lite 30 LED DMX Kit, Univ 120U w/ Flight Case

KIT-DL30X-230U
Diva-Lite 30 LED DMX Kit, Univ 230U 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

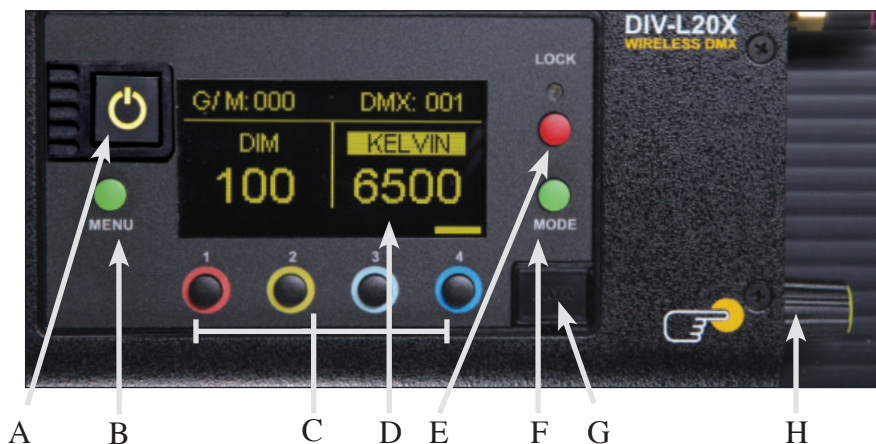The Diva-Lite LED can also be operated on 24VDC (input range 18-36VDC) through a 3-Pin XLR. The pin polarity is:

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 - White Mode

A) B) C) D) E) F) G) H)

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 and DMX Wireless settings. Shortcut: While on control screen, press and hold for 3 seconds to switch through menus (**White, Gels & Hue, RGB, 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

Gels/Hue Mode

A) Menu:
Provides access to menu options such as General settings (**Gels/Hue** Mode), Reset, DMX and DMX Wireless settings. Shortcut: While on control screen, press and hold for 3 seconds to switch through menus (**White, Gels & Hue, RGB, 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.
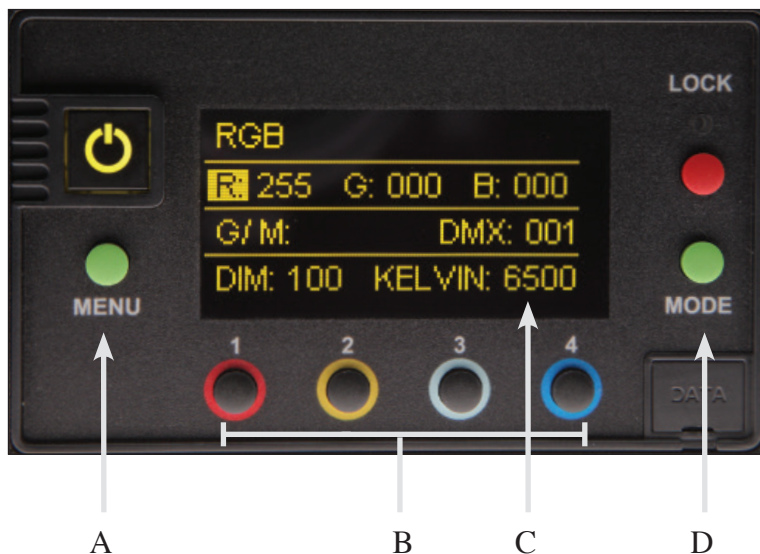
C) Display:
Provides access to Dim, Kelvin, G/M, Gel, Hue/Saturation and DMX channel. Factory reset will show: Dim = 10%, Kelvin = 2700K, G/M = 000, DMX = 001.

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

RGB Mode

A) Menu:
Provides access to menu options such as General settings (**RGB Mode**), Reset, DMX and DMX Wireless settings. Shortcut: While on control screen, press and hold for 3 seconds to switch through menus (**White, Gels & Hue, RGB, 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.
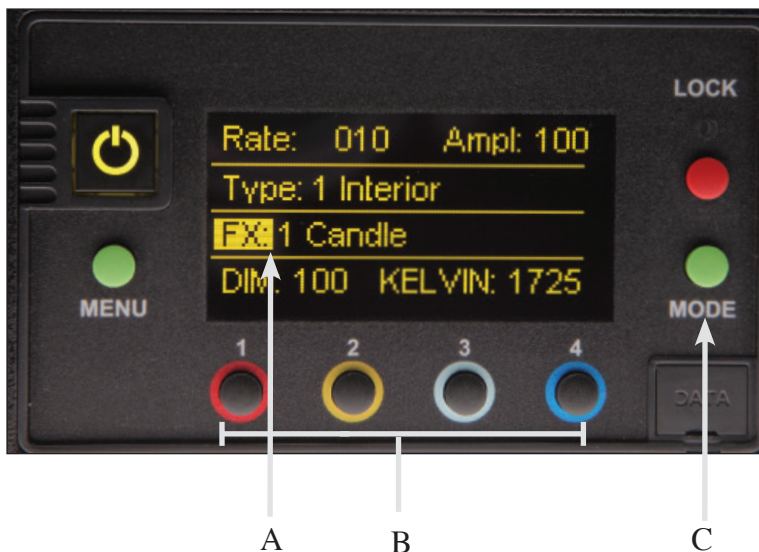
C) Display:
Provides access to Dim, Kelvin, G/M, RGB and DMX channel. Factory reset will show: Dim = 10%, Kelvin = 2700K, G/M = 000, DMX = 001.

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 - FX (Effects)

A   B   C

FX (Effects) Mode

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-programed 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.

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
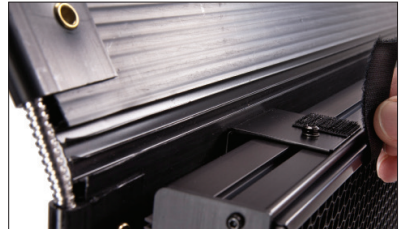   (16mm)

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-L20X   Diva-Lite 20 LED DMX

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: 2700K~6500K (White Mode)
Kelvin Range: 2500K~9900K (Color Mode)
Dimming Range: 100%~1%
Weight: 14.5 lb (6.5kg)
Dimensions: 25 x 13 x 6"
(63.5 x 33 x 15cm)

Diva-Lite 30 LED DMX

DIV-L30X   Diva-Lite 30 LED DMX
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: 2700K~6500K (White Mode)
Kelvin Range: 2500K~9900K (Color Mode)
Dimming Range: 100%~1%
Weight: 17 lb (8kg)
Dimensions: 39 x 10.5 x 6"
(99 x 27 x 15cm)

KINO FLO, INC
Diva-Lite 20 LED, Diva-Lite 30 LED
ID: XRSCRMXTIMO101
IC: 8879A-CRMXT101

For latest Warranty information and Certifications,

see Kino Flo website at www.kinoflo.com.

3170830

C E

ETL
C LISTED US

Intertek

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