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# Operation Manual

## Diva-Lite® 401 & 201 Diva-Lite® 400 Universal



**KINO FLO®**  
Lighting Systems

# Diva-Lite Assembly and Features



## **DIV-401-120**

Diva-Lite 401, 120VAC

## **DIV-401-230**

Diva-Lite 401, 230VAC

## **DIV-400-120U**

Diva-Lite 400 Universal, 120U

## **DIV-400-230U**

Diva-Lite 400 Universal, 230U

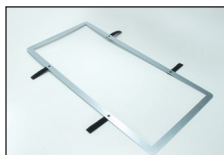


## **DIV-201-120**

Diva-Lite 201, 120VAC

## **DIV-201-230**

Diva-Lite 201, 230VAC



## **GFR-D4**

Diva-Lite 400 Gel Frame (Included)

## **GFR-D2**

Diva-Lite 200 Gel Frame (Included)



## **LVR-D4-S**

Diva-Lite 400 Louver/ Silver (Included)

## **LVR-D2-S**

Diva-Lite 200 Louver/ Silver (Included)



## **MTP-LB**

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

# True Match® Lamps



## **55C-K29**

55W Kino KF29 Compact

## **55C-K32**

55W Kino KF32 Compact

## **55C-K55**

55W Kino KF55 Compact

# Diva-Lite 401 Kits



**Diva-Lite 401**

## **KIT-D4-120**

Diva-Lite 401 Kit, 120VAC

## **KIT-D4-230**

Diva-Lite 401 Kit, 230VAC

### **Kit Contents:**

1 Diva-Lite 401  
1 Flozier, Full  
1 Lamp Case  
1 Travel Case

### **Dimensions:**

28 x 8 x 18"  
(71 x 20.5 x 45.5cm)

### **Weight:**

25 lb  
(11.3kg)

# Diva-Lite 400 Universal Kits



**Diva-Lite 400  
Universal Kit**

## **KIT-D4-120U**

Diva-Lite 400 Kit, Universal 120U

## **KIT-D4-230U**

Diva-Lite 400 Kit, Universal 230U

### **Kit Contents:**

1 Diva-Lite 400 Universal  
1 Flozier, Full  
1 Lamp Case  
1 Travel Case

### **Dimensions:**

28 x 8 x 18"  
(71 x 20.5 x 45.5cm)

### **Weight:**

25 lb  
(11.3kg)

## Diva-Lite 401 Kits (2-Unit)



**Diva-Lite 401 Kit  
(2-Unit)**

### **KIT-D42-120**

Diva-Lite 401 Kit, 120VAC  
(2-Unit) w/ Flight Case

### **KIT-D42-230**

Diva-Lite 401 Kit, 230VAC  
(2-Unit) w/ Flight Case

#### **Kit Contents:**

2 Diva-Lite 401  
2 Stand  
2 Offset Mount  
2 Flozier, Full  
2 Lamp Case  
1 Flight Case

#### **Dimensions:**

22 x 16 x 33.5"  
(56 x 41 x 85cm)

#### **Weight:**

61.5 lb  
(27.7kg)

## Diva-Lite 400 Universal Kits (2-Unit)



**Diva-Lite 400  
Universal Kit  
(2-Unit)**

### **KIT-D42-120U**

Diva-Lite 400 Kit, Universal 120U  
(2-Unit) w/ Flight Case

### **KIT-D42-230U**

Diva-Lite 400 Kit, Universal 230U  
(2-Unit) w/ Flight Case

#### **Kit Contents:**

2 Diva-Lite 400 Universal  
2 Stand  
2 Offset Mount  
2 Flozier, Full  
2 Lamp Case  
1 Flight Case

#### **Dimensions:**

22 x 16 x 33.5"  
(56 x 41 x 85cm)

#### **Weight:**

63 lb  
(28.4kg)

# Diva-Lite 201 Kits



**Diva-Lite 201 Kit**

## **KIT-D2-120**

Diva-Lite 201 Kit, 120VAC

## **KIT-D2-230**

Diva-Lite 201 Kit, 230VAC

### **Kit Contents:**

1 Diva-Lite 201  
1 Flozier, Full  
1 Lamp Case  
1 Travel Case

### **Dimensions:**

28 x 8 x 15"  
(71 x 20.5 x 38cm)

### **Weight:**

18 lb  
(8.1kg)



**Diva-Lite 201 Kit  
(2-Unit)**

## **KIT-D22-120**

Diva-Lite 201 Kit, 120VAC  
(2-Unit) w/ Flight Case

## **KIT-D22-230**

Diva-Lite 201 Kit, 230VAC  
(2-Unit) w/ Flight Case

### **Kit Contents:**

2 Diva-Lite 201  
2 Stand  
2 Offset Mount  
2 Flozier, Full  
1 Lamp Case  
1 Flight Case

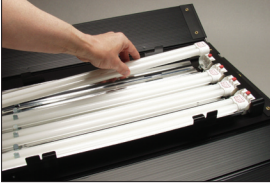
### **Dimensions:**

22 x 13 x 33.5"  
(56 x 33 x 85cm)

### **Weight:**

54 lb  
(24.3kg)

## Inserting Lamps



Position lamp over lamp holder.

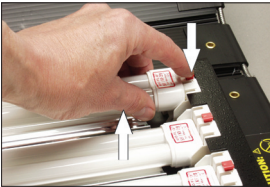


Press lamp base down until it clicks into place.

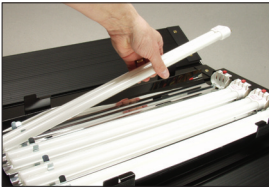


Press lamp end into lamp clip.

## Removing Lamps



Press red locking tab down and pull up on lamp.

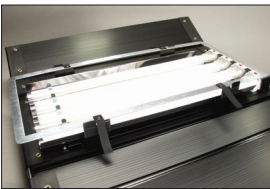


Pull lamp out of lamp clip.

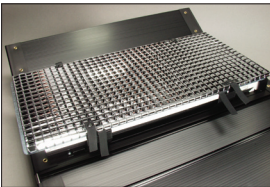
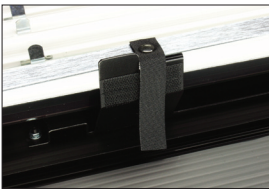
### Warning!

**Do Not** lubricate the sliding lock mechanism on the lamp holder.

## Applying Gel Frame and Louver



The Gel Frame is held to the fixture with 4 Velcro straps.



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



# Mounting Procedures



Mounted on a baby stand



Mounted to pipe grid



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



A 180 degree turn loosens the orientation of the mount. A right turn tightens the mount.



The tension on the lock lever may be adjusted by pulling the handle away from the mount. This disengages the handle from the screw mechanism and allows the lever to be reoriented.

You can also use a screwdriver to adjust the tension. Pull back on handle and adjust screw.

## 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.



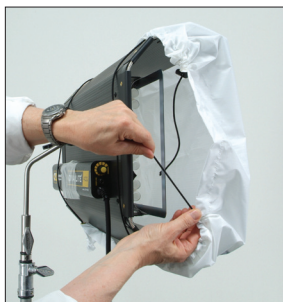
# Mounting Flozier



Remove Louver.



Stretch two elastic cords around fixture.



Take up slack on both elastic cords.



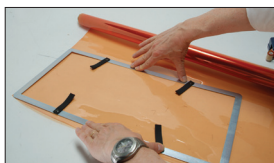
Expand the Barndoors to smooth out the face of the Flozier and eliminate wrinkles.



# Applying Gel to Gel Frame



Rotate all Velcro tabs to the inside of frame. Apply double sided transfer tape to one side of the gel frame.



Lay the taped side down on the gel and press firmly for adhesive to adhere.



Trim the excess gel from the frame. Rotate Velcro tabs back into position.

# Correct Lamp Orientation



## VERTICAL MODE:

Follow the principle of **lamp base up and lamp tip down**. This orientation keeps the mercury away from the cathodes and provides best color temperature stability and best color rendering.

**DO NOT** operate fixture with lamp base in the down position. Color can diverge up to 400K and will get very green.



## HORIZONTAL MODE:

Even in the horizontal position, a slight rotation favoring the lamp tips (lamp base higher than the lamp tip) will allow for better color temperature stability.

# Ballast Power



## Warning! To Ensure Proper Operation

ALWAYS TURN **OFF** THE FIXTURE BEFORE connecting or disconnecting lamps. After the lamps are properly installed, the in-line switch can turn on the ballast. Avoid operating in temperatures above 125°F (51°C) or below 60°F (15°C).

## Cold Temperature Operation

In temperatures below 60°F (15°C), the ballast may take longer to strike. If lamps do not strike within 5 seconds, switch the ballast to OFF and try again. Check that the lamps are properly seated, set dimmer to Full and restrike. If temperatures are too low, try to warm up the fixture to at least 60°F. Lamps will turn on at preset dimmer settings as long as the temperature is above 60°F (15°C).

# Troubleshooting

## LAMPS FAIL TO LIGHT:

- Check ambient temperature. The unit may have trouble starting if operating in temperatures above 125°F (51°C) or below 60°F (15°C).
- With the power switch in the **ON** position, the red light should be on. If it is not, voltage is not present. Check your power feed.
- The onboard dimmer should be full up (turned completely clockwise).
- Check lamp contact. Lamps must be properly seated. If one lamp is not making contact or is burned out, two lamps will be off.
- Replace lamp or lamps.
- After having checked that lamps are correctly seated, turn off power to the fixture for 60 seconds and restart.
- Check that the lamp selector switch is in the appropriate setting.

# Diva 401 & 400U Lamp Select Switch



The Diva-Lite 401 and Diva-Lite 400 Universal **Lamp Select Switch** allows for **4 Lamp** or **2 Lamp** operation.

Turning off 2 lamps equals a one f-stop reduction in light output without color shift. In the **4 Lamp** position all lamps are on. In the **2 Lamp** position only the two center lamps are on.

Note: This feature is not available for the Diva-Lite 201.

# Dimming Control



## MANUAL DIMMING CONTROL

The Dimmer should be full up when striking the lamps. Once the lamps have come up to full temperature, in about 3-5 minutes, then dim to the desired light level.

For full light output, turn dimmer fully clockwise.

An input jack for an optional Remote Dimmer (**DIM-5**) is located on the ballast.

## Dimming and Color Temperature Shift

Dimming can be used to adjust the light output of the fixture. The color temperature will shift marginally if kept to within one f-stop. Dimming beyond one f-stop may result in a reduction of color temperature as well as a noticeable shift to magenta.

# Remote Dimmer Operation

The Diva-Lite Remote Dimmer (**DIM-5**) is designed to remotely dim the Diva-Lite fixture models which have the **REMOTE DIM** feature. A 15ft dimming cable is supplied with the Dimmer.



Insert the dimmer cable into the receptacle marked **REMOTE DIM**.

Inserting the dimmer cable will automatically disable the onboard dimmer.



Insert the other end of the dimmer cable into the Diva-Lite Remote Dimmer (**DIM-5**).

## Accessories and Parts



**DIM-5** Remote Dimmer w/ 15ft Cable



**DFS-D4** Diva-Lite 400 Flozier, Full  
**DFS-D4-H** Diva-Lite 400 Flozier, Half  
**DFS-D2** Diva-Lite 200 Flozier, Full  
**DFS-D2-H** Diva-Lite 200 Flozier, Half



**LVR-D460-P** Diva-Lite 400 Louver/HP, 60°  
**LVR-D490-P** Diva-Lite 400 Louver/HP, 90°  
**LVR-D260-P** Diva-Lite 200 Louver/HP, 60°  
**LVR-D290-P** Diva-Lite 200 Louver/HP, 90°

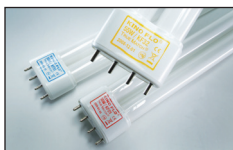


**MTP-B41F** Kino Offset w/ Baby Receiver  
 (16mm)



**STD-D1** Reverse Stand  
**STD-M30** Medium Duty Stand/Black, 30"  
**STD-M36** Medium Duty Stand/Black, 36"

## True Match® Lamps



**55C-K29** 55W Kino KF29 Compact  
**55C-K32** 55W Kino KF32 Compact  
**55C-K55** 55W Kino KF55 Compact

# Cases



**Diva-Lite Travel Case**



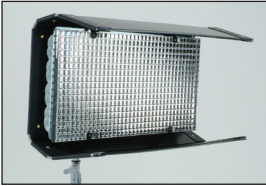
**Diva-Lite Flight Case**



**Lamp Carry Case (55W Compact)**

Part #	Description	Dimensions	Weight (Empty)	Holds
<b>KAS-CL4</b>	4-Lamp Carry Case (55W Compact)	24 x 5 x 2.5" (61 x 12.7 x 6.5cm)	0.8 lb (0.4kg)	55W Compact Lamps (4)
<b>KAS-CL6</b>	6-Lamp Carry Case (55W Compact)	24 x 7 x 2.5" (61 x 18 x 6.5cm)	0.8 lb (0.4kg)	55W Compact Lamps (6)
<b>KAS-D2-C</b>	Diva-Lite 201 Travel Case	28 x 8 x 15" (71 x 20.5 x 38cm)	10 lb (4.5kg)	Diva-Lite 201 Kit Items
<b>KAS-D22</b>	Diva-Lite 201 Flight Case (2-Unit)	22 x 13 x 33.5" (56 x 33 x 85cm)	27.3 lb (12.3kg)	Diva-Lite 201 Kit Items (2)
<b>KAS-D4-C</b>	Diva-Lite 401 Travel Case	28 x 8 x 19" (71 x 20.5 x 48.5cm)	11.5 lb (5.2kg)	Diva-Lite 401, 400U Kit Items
<b>KAS-D42</b>	Diva-Lite 401 Flight Case (2-Unit)	22 x 16 x 33.5" (56 x 41 x 85cm)	28.5 lb (12.8kg)	Diva-Lite 401 (2), 400U Kit Items (2)

# Fixture Specifications



**Diva-Lite 401**

**Model:** DIV-401-120, DIV-401-230  
Diva-Lite 401

**Input Voltage:** 120VAC or 230VAC 50/60Hz  
**Output Frequency:** 30kHz

**Amperage:** 2.0 amps at 120VAC  
1.1 amps at 230VAC

**Lamp Switching:** 4 Lamps/ 2 Lamps

**Dimming Range:** 100~5%

**Weight:** w/ lamps, louver, diffuser  
13 lb (5.9kg)

**Dimensions:** 26 x 12 x 6" (w/ 6" barndoors)  
(66 x 30.5 x 15cm)  
(w/ 15cm barndoors)

**Lamp Type:** 55W compact fluorescent lamps  
with 2G11 base



**Diva-Lite 400  
Universal**

**Model:** DIV-400-120U, DIV-400-230U  
Diva-Lite 400 Universal

**Input Voltage:** 100-240VAC 50/60Hz  
**Output Frequency:** 30kHz

**Amperage:** 1.8 amps at 100-240VAC

**Lamp Switching:** 4 Lamps/ 2 Lamps

**Dimming Range:** 100~5%

**Weight:** w/ lamps, louver, diffuser  
14.2 lb (6.4kg)

**Dimensions:** 26 x 12 x 6" (w/ 6" barndoors)  
(66 x 30.5 x 15cm)  
(w/ 15cm barndoors)

**Lamp Type:** 55W compact fluorescent lamps  
with 2G11 base



**Diva-Lite 201**

**Model: DIV-201-120, DIV-201-230**

Diva-Lite 201

**Input Voltage:** 120VAC or 230VAC 50/60Hz

**Output Frequency:** 30kHz

**Amperage:** 1.1 amps at 120VAC

0.6 amps at 230VAC

**Dimming Range:** 100~5%

**Weight:** w/ lamps, louver, diffuser

9 lb (4.1kg)

**Dimensions:** 26 x 7.5 x 6" (w/ 3.5" barndoors)

(66 x 19 x 15cm)

(w/ 9cm barndoors)

**Lamp Type:** 55W compact fluorescent lamps  
with 2G11 base



For latest Warranty information and Certifications,  
see Kino Flo website at [www.kinoflo.com](http://www.kinoflo.com).

**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.

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