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, Univ 120U

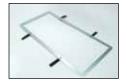**DIV-400-230U**
Diva-Lite 400, Univ 230U

DIV-201-120
Diva-Lite 201, 120VAC
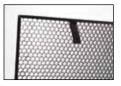
DIV-201-230
Diva-Lite 201, 230VAC

GFR-D4
Diva-Lite 401 Gel Frame (Included)

GFR-D2
Diva-Lite 201 Gel Frame (Included)

LVR-D490-P
Diva-Lite 401 Louver/HP, 90° (Included)

LVR-D290-P
Diva-Lite 201 Louver/HP, 90° (Included)

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

True Match® Lamps

55C-K32   55W Kino KF32 Compact
55C-K55   55W Kino KF55 Compact

Diva-Lite 401 Kits

Diva-Lite 401 Kit

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: **Weight:**
28 x 8.5 x 19.5"   25 lb
(71 x 22 x 49.5cm)   (11.5kg)

**Diva-Lite 401 Kit
w/ Stand**

KIT-D4-120/STD
Diva-Lite 401 Kit w/ Stand, 120VAC

KIT-D4-230/STD
Diva-Lite 401 Kit w/ Stand, 230VAC

Kit Contents:
1 Diva-Lite 401
1 Flozier, Full
1 Medium Duty Stand, 3-Rise, 30"
1 Offset Mount
1 Lamp Case
1 Travel Case

Dimensions: **Weight:**
31.5 x 9 x 22"   33 lb
(80 x 23 x 56cm)   (15kg)

Diva-Lite 400 Universal Kits

**Diva-Lite 400
Universal Kit**

KIT-D4-120U
Diva-Lite 400 Kit, Univ 120U

KIT-D4-230U
Diva-Lite 400 Kit, Univ 230U

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

Dimensions: **Weight:**
28 x 8.5 x 19.5"   26 lb
(71 x 22 x 49.5cm)   (12kg)

**Diva-Lite 400
Universal Kit
w/ Stand**

KIT-D4-120U/STD
Diva-Lite 400 Kit w/ Stand, Univ 120U

KIT-D4-230U/STD
Diva-Lite 400 Kit w/ Stand, Univ 230U

Kit Contents:
1 Diva-Lite 400 Universal
1 Flozier, Full
1 Medium Duty Stand, 3-Rise, 30"
1 Offset Mount
1 Lamp Case
1 Travel Case

Dimensions: **Weight:**
31.5 x 9 x 22"   34 lb
(80 x 23 x 56cm)   (15.5kg)

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 Flozier, Full
2 Medium Duty Stand, 3-Rise, 30"
2 Offset Mount
2 Lamp Case
1 Flight Case

Dimensions: **Weight:**
22.5 x 16 x 33.5"   65.5 lb
(57 x 41 x 85cm)   (30kg)

Diva-Lite 400 Univ Kits (2-Unit)

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

KIT-D42-120U
Diva-Lite 400 Kit, Univ 120U (2-Unit) w/ Flight Case

KIT-D42-230U
Diva-Lite 400 Kit, Univ 230U (2-Unit) w/ Flight Case

Kit Contents:
2 Diva-Lite 400 Universal
2 Flozier, Full
2 Medium Duty Stand, 3-Rise, 30"
2 Offset Mount
2 Lamp Case
1 Flight Case

Dimensions: **Weight:**
22.5 x 16 x 33.5"   66 lb
(57 x 41 x 85cm)   (30kg)

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:	Dimensions:	Weight:
1 Diva-Lite 201	28 x 8 x 15.5"	19 lb
1 Flozier, Full	(71 x 20.5 x 39.5cm)	(9kg)
1 Lamp Case		
1 Travel Case		

**Diva-Lite 201 Kit
w/ Stand**

KIT-D2-120/STD
Diva-Lite 201 Kit w/ Stand, 120VAC

KIT-D2-230/STD
Diva-Lite 201 Kit w/ Stand, 230VAC

Kit Contents:	Dimensions:	Weight:
1 Diva-Lite 201	28 x 8.5 x 19.5"	26.5 lb
1 Flozier, Full	(71 x 22 x 49.5cm)	(12kg)
1 Reverse Stand		
1 Offset Mount		
1 Lamp Case		
1 Travel Case		

Diva-Lite 201 Kits (2-Unit)

**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:	Dimensions:	Weight:
2 Diva-Lite 201	22.5 x 13.5 x 33.5"	55 lb
2 Flozier, Full	(57 x 34.5 x 85cm)	(25kg)
2 Medium Duty Stand		
1 Lamp Case		
1 Flight Case		

Inserting/ Removing Lamps

To insert, position lamp over lamp holder.

Press lamp base down until it clicks into place.

Press lamp end into lamp clip.

To remove, 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.

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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.

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.

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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.

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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

	DFS-D4 Diva-Lite 401 Flozier, Full **DFS-D4-H** Diva-Lite 401 Flozier, Half **DFS-D2** Diva-Lite 201 Flozier, Full **DFS-D2-H** Diva-Lite 201 Flozier, Half
	DIM-5 Remote Dimmer w/ 15ft Cable
	LVR-D460-P Diva-Lite 401 Louver/HP, 60° **LVR-D260-P** Diva-Lite 201 Louver/HP, 60°
	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-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
KAS-CL4	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)
KAS-CL6	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)
KAS-D2-C	Diva-Lite 201 Travel Case	28 x 8 x 15.5" (71 x 20.5 x 39.5cm)	9.5 lb (4.5kg)	Diva-Lite 201 Kit Items
KAS-D2-CS	Diva-Lite 201 Travel Case (Stand)	28 x 8.5 x 19.5" (71 x 22 x 49.5"	12.5 lb (6kg)	Diva-Lite 201 Kit Items, Reverse Stand
KAS-D22	Diva-Lite 201 Flight Case (2-Unit)	22.5 x 13.5 x 33.5" (57 x 34.5 x 85cm)	27.5 lb (12.5kg)	Diva-Lite 201 Kit Items (2)
KAS-D4-C	Diva-Lite 401 Travel Case	28 x 8.5 x 19.5" (71 x 22 x 49.5cm)	11.5 lb (5kg)	Diva-Lite 401, 400U Kit Items
KAS-D4-CS	Diva-Lite 401 Travel Case (Stand)	31.5 x 9 x 22" (80 x 23 x 56"	15 lb (7kg)	Diva-Lite 401, 400U Kit Items, Medium Duty Stand
KAS-D42	Diva-Lite 401 Flight Case (2-Unit)	22.5 x 16 x 33.5" (57 x 41 x 85cm)	29 lb (13kg)	Diva-Lite 401, 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.

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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