
Operation Manual

Diva-Lite®

400 / 200



KINO FLO®
Lighting Systems

Diva-Lite Assembly and Features



DIV-400-120.....Diva-Lite 400, 120VAC

DIV-400-230.....Diva-Lite 400, 230VAC

DIV-400-120U..... Diva-Lite 400, 120U
Universal Voltage

DIV-400-230U..... Diva-Lite 400, 230U
Universal Voltage



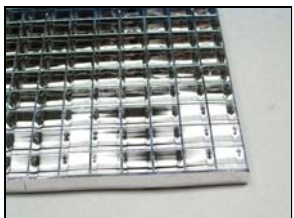
DIV-200-120.....Diva-Lite 200, 120VAC

DIV-200-230.....Diva-Lite 200, 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-LBLollipop w/Baby Receiver
(Included)

Diva-Lite 400 Kits (1-Unit)



KIT-D4-120

Diva-Lite 400 Kit, 120VAC
w/ Travel Case

KIT-D4-230

Same as above for 230 voltage

Kit Contents:

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

Dimensions

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

Weight

25lb
(11.3kg)



KIT-D4-120U

Diva-Lite 400 Kit (Universal), 120U
w/ Travel Case

KIT-D4-230U

Same as above for 230 voltage, 230U

Kit Contents:

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

Dimensions

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

Weight

25lb
(11.3kg)

Diva-Lite 400 Kits (2-Unit)



KIT-D42-120

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

KIT-D42-230

Same as above for 230 voltage

Kit Contents:

2 Diva-Lite 400	2 Floziers, Full
2 Stand	2 Lamp Case
2 Off-set Mount	1 Flight Case

Dimensions

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

Weight

61.5lb
(27.7kg)



KIT-D42-120U

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

KIT-D42-230U

Same as above for 230 voltage, 230U

Kit Contents:

2 Diva-Lite 400 Universal	2 Floziers, Full
2 Stand	2 Lamp Case
2 Off-set Mount	1 Flight Case

Dimensions

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

Weight

63lb
(28.4kg)

Diva-Lite 200 Kits



KIT-D2-120

Diva-Lite 200 Kit, 120VAC
w/ Travel Case

KIT-D2-230

Same as above for 230 voltage

Kit Contents:

1 Diva-Lite 200	1 Lamp Case
1 Flozier, Full	1 Travel Case

Dimensions

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

Weight

18lb
(8.1kg)



KIT-D22-120

Diva-Lite 200 Kit, 120VAC
(2-Unit) w/ Flight Case

KIT-D22-230

Same as above for 230 voltage

Kit Contents:

2 Diva-Lite 200	2 Flozier, Full
2 Stand	1 Lamp Case
2 Off-set Mount	1 Flight Case

Dimensions

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

Weight

54lb
(24.3kg)



KIT-D2-120/2

Diva-Lite 200 Kit, 120VAC
(2-Unit) w/ Rolling Case

KIT-D2-230/2

Same as above for 230 voltage

Kit Contents:

2 Diva-Lite 200	1 Lamp Case
2 Flozier, Full	1 Rolling Ship Case

Dimensions

31.5 x 12.5 x 22"
(80 x 32 x 56cm)

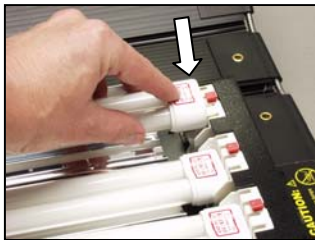
Weight

41lb
(18.5kg)

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.

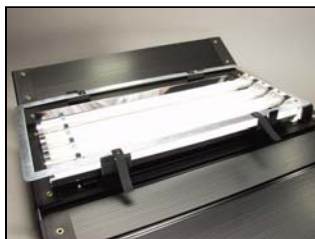


Pull lamp out of lamp clip.

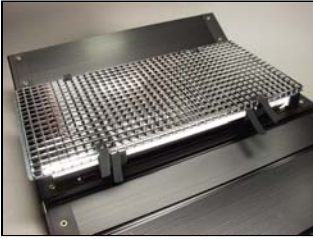
Warning!

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 Procedure



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 is all that is required to loosen the mount for orientation.



To adjust the tension on the lock lever, pull handle away from 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... Baby offset arm



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

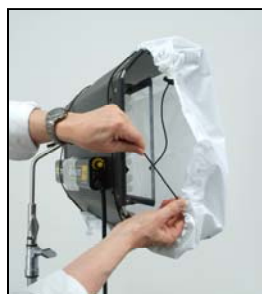
Mounting Flozier



Remove Louver



Stretch two elastic cords around fixture.



Take up slack on both elastic cords.



Expand the barn doors 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 fixtures 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

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).

Trouble Shooting

LAMPS FAIL TO LIGHT:

- Check ambient temperature. Operating in temperatures above 125° F (51° C) or below 60° F (15° C) the unit might have trouble starting.
- 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 400 Lamp Select Switch



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

Turning off 2 lamps equals a one-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 200.

Dimming Control



MANUAL DIMMING CONTROL

The Dimmer should be full up when striking the lamp. 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 clock wise.

An input jack for an optional Remote Dimmer (**DIM-5**) is located next to the power cord.

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 Dimmer (**DIM-5**) is designed to remotely dim Diva-Lite 400 and Diva-Lite 200 Fixture models, which have the REMOTE DIM feature. A 15ft Dimming Cable is supplied with the Dimmer.

Note: No batteries are required to operate the Dimmer. The power for the Dimmer is drawn from the Fixture.



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

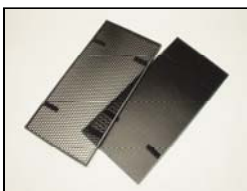


DIM-5..... Diva-Lite Dimmer
w/ 15' remote cable



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-D445... Diva-Lite 400 Louver 45°
LVR-D460... Diva-Lite 400 Louver 60°
LVR-D490... Diva-Lite 400 Louver 90°

LVR-D245... Diva-Lite 200 Louver 45°
LVR-D260... Diva-Lite 200 Louver 60°
LVR-D290... Diva-Lite 200 Louver 90°



MTP-B41F... Baby Off-set w/ Baby Receiver



STD-D1.....Diva-Lite Reverse Stand
STD-M30.....Medium Duty Stand/Black, 30"
STD-M36.....Medium Duty Stand/Black, 36"

Cases



Diva-Lite Travel Case



Diva-Lite Flight Case



Diva-Lite Rolling Case

Part Number	Description	Dimensions	Weight Empty	Holds
KAS-D2-C	Diva-Lite 200 Travel Case	28 x 8 x 15" (71 x 20.5 x 38cm)	10lb (4.5kg)	Diva-Lite 200 Kit Items
KAS-D2-R	Diva-Lite 200/400 Rolling Case	20 x 11.5 x 32.5" (51 x 29 x 82.5cm)	24lb (10.8kg)	Diva-Lite 200 (2) Diva-Lite 400 (1)
KAS-D22	Diva-Lite 200 Flight Case	22 x 13 x 33.5" (56 x 33 x 85cm)	27.3lb (12.3kg)	Diva-Lite 200 Kit Items (2)
KAS-D4-C	Diva-Lite 400 Travel Case	28 x 8 x 19" (71 x 20.5 x 48.5cm)	11.5lb (5.2kg)	Diva-Lite 400 Kit Items
KAS-D42	Diva-Lite 400 Flight Case	22 x 16 x 33.5" (56 x 41 x 85cm)	28.5lb (12.8kg)	Diva-Lite 400 Kit Items (2)



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

Part Number	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)	0.8lb (0.4kg)	55Watt Lamps (4)
KAS-CL6	6-Lamp Carry Case (55W Compact)	24 x 7 x 2.5" (61 x 18 x 6.5cm)	0.8lb (0.4kg)	55Watt Lamps (6)

Fixture Specifications



Diva-Lite 400

Power requirements: 120VAC or 230VAC
Amperage: 1.1 amps at 230VAC, 2.0 amps at 120VAC 50/60Hz
Switching: 4 Lamps/ 2 Lamps
Weight: w/ lamps, louver and diffuser
13lb / 5.9kg
Dimensions: 26 x 12 x 6" (w/ 6" barn doors)
(66 x 30.5 x 15cm)
(w/ 15cm barn doors)
Lamp types: 55 watt compact fluorescent lamps with 2G11 base



**Diva-Lite 400
Universal**

Power requirements: 100 - 240VAC 50/60Hz
Amperage: 1.8 amps at 120-230VAC
Switching: 4 Lamps/ 2 Lamps
Weight: w/ lamps, louver and diffuser
14.2lb / 6.4kg
Dimensions: 26 x 12 x 6" (w/ 6" barn doors)
(66 x 30.5 x 15cm)
(w/ 15cm barn doors)
Lamp types: 55 watt compact fluorescent lamps with 2G11 base



Diva-Lite 200

Power requirements: 120VAC or 230VAC 50/60Hz
Amperage: 1.1 amps at 120VAC
0.6 amps at 230VAC
Weight: w/ lamps, louver and diffuser
9lb / 4.1kg
Dimensions: 26 x 7.5 x 6"
(w/ 3.5" barn doors)
(66 x 19 x 15cm)
(w/ 9cm barn doors)
Lamp types: 55 watt compact fluorescent lamps with 2G11 base

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 local and state regulations.