
Operation Manual

Diva-Lite[®]
400 / 200



KINO FLO

L I G H T I N G S Y S T E M S

DIVA-LITE Assembly and Features



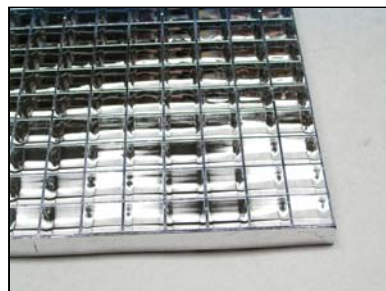
- DIV-400-120**.....Diva-Lite 400,
120 VAC
- DIV-400-230**.....Diva-Lite 400,
230 VAC
- DIV-400-120U**..... Diva-Lite 400,
Universal Voltage



- DIV-200-120**.....Diva-Lite 200,
120 VAC
- DIV-200-230**.....Diva-Lite 200,
230 VAC



- GFR-D4**.....Gel Frame
Diva-Lite 400
- GFR-D2**.....Gel Frame
Diva-Lite 200



- LVR-D4-S**Louver / Silver
Diva-Lite 400
- LVR-D2-S**.....Louver / Silver
Diva-Lite200

Diva-Lite Kit Assemblies



KIT-D4-120

Kit Contents:

- 1 Diva-Lite 400 Fixture, 120VAC w/silver louver & gel frame..... DIV-400-120
- 1 Diva-Lite 400 Flozier..... DFS-D4
- 1 CFL Lamp Case..... KAS-CL6
- 1 Diva-Lite 400 Case..... KAS-D4C

KIT-D4-230

Same as above for 230 voltage.

KIT-D4-120U

Same as above for Universal voltage.



KIT-D2-120

Kit Contents:

- 1 Diva-Lite 200 Fixture, 120VAC w/silver louver & gel frame..... DIV-200-120
- 1 Diva-Lite 200 Flozier..... DFS-D2
- 1 Diva-Lite 200 Case..... KAS-D2C

KIT-D2-230

Same as above for 230 voltage.



KIT-D2-120/2

Kit Contents:

- 2 Diva-Lite 200 Fixtures, 120VAC w/silver louvers & gel frames.... DIV-200-120
- 2 Diva-Lite 200 Floziers..... DFS-D2
- 1 CFL Lamp Case..... KAS-CL6
- 1 Diva Rolling Travel Case..... KAS-D2R

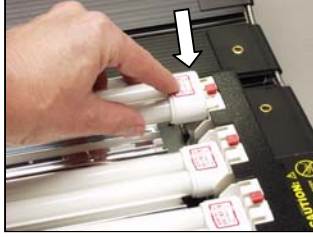
KIT-D2-230/2

Same as above for 230 voltage.

Inserting Lamps



Position Lamp over Lamp holder.

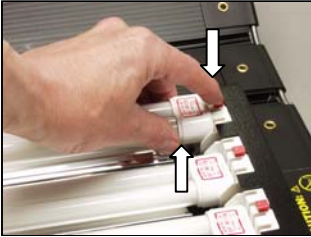


Press lamp base down until it clicks into place.



Press lamp end into lamp clip.

Removing Lamps



Press red locking tab down and pull up on lamp.

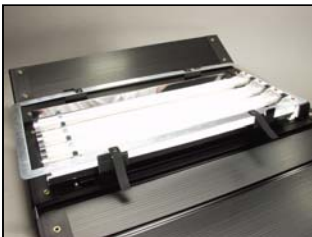


Pull lamp out of lamp clip.

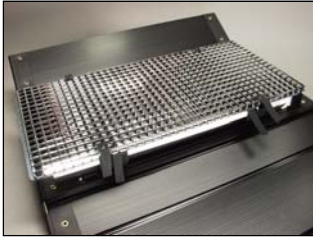
Warning!

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.

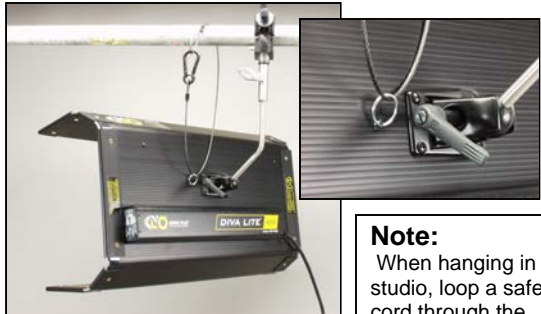


The Louver is fastened to the Fixture with 4 Velcro straps.

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.

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 (15°C).

In temperatures below 60°F (15°C) the ballast may take longer to strike. If lamp does 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).

Diva 400 Lamp Select Switch



The Diva-Lite 400 **Lamp Select Switch** was added in February 2005 and 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 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 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.

Accessories and Parts

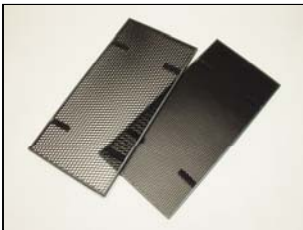


DIM-5..... Diva-Lite Dimmer
w/ 15' remote cable



DFS-D4.... Diva-Lite 400 Flozier
DFS-D4H... Diva-Lite 400 Flozier
Half density

DFS-D2.... Diva-Lite 200 Flozier
DFS-D2H... Diva-Lite 200 Flozier
Half density



LVR-D445... Diva-Lite 400 Louver
Honeycomb 45°

LVR-D460... Diva-Lite 400 Louver
Honeycomb 60°

LVR-D490... Diva-Lite 400 Louver
Honeycomb 90°

LVR-D245... Diva-Lite 200 Louver
Honeycomb 45°

LVR-D260... Diva-Lite 200 Louver
Honeycomb 60°

LVR-D290... Diva-Lite 200 Louver
Honeycomb 90°



LVR-D4B..... Diva-Lite 400
Black Louver

LVR-D2B..... Diva-Lite 200
Black Louver



MTP-B41F... Baby offset arm



The Baby Offset Arm allows fixtures to mount above the center of a stand or to be under slung from a baby stand.

Trouble Shooting

LAMPS FAIL TO LIGHT:

- Check ambient temperature. If below 60 degrees F, 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.

Cases



KAS-D4C.... Diva-Lite 400
Case

KAS-D2C.... Diva-Lite 200
Case



KAS-CL6.... CFL Lamp
Case



KAS-D2R...Diva-Lite
Rolling Case

Part Number	Description	Dimensions	Weight (Empty)	Holds
KAS-D4C	Diva-Lite 400 Travel Case	28" x 8" x 19" 71cm x 20.5cm x 48.5cm	11.5lb/5.2Kg	Diva-Lite 400 (1)
KAS-D2C	Diva-Lite 200 Travel Case	28" x 8" x 15" 71cm x 20.5cm x 38cm	10lb / 4.5Kg	Diva-Lite 200 (1)
KAS-CL6	6-Lamp Carry Case (55W Compact)	24" x 7" x 2.5" 61cm x 18cm x 6.5cm	0.7lb / 0.3Kg	55Watt Lamps (6)
KAS-D2R	Diva-Lite 200/400 Rolling Case	20" x 11.5" x 32.5" 51cm x 29cm x 82.5cm	24lb / 10.8Kg	Diva-Lite 200 (2) Diva-Lite 400 (1)

Fixture Specifications



Model: Diva-Lite 400

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



Model: Diva-Lite 400 Universal

- Power requirements:** 100 - 265 VAC 50/60Hz
Amperage: 1.8 amps at 120-230VAC
Weight: w/ lamps, louver and diffuser
14.2lbs / 6.4Kg
Dimensions: 26" x 12" x 6" (w/ 6" barn doors)
66cm X 30.5cm X 15cm
(w/ 15cm barn doors)
Lamp types: 55 watt compact fluorescent lamps with 2G11 base.



Model: Diva-Lite 200

- Power requirements:** 120 VAC or 230 VAC 50/60Hz
Amperage: 1.1 amps at 120VAC,
0.6 amps at 230 VAC
Weight: w/ lamps, louver and diffuser
9lbs / 4.1Kg
Dimensions: 26" x 7.5" x 6"
(w/ 3.5" barn doors)
66cm X 19cm 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.

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Kino Flo, Inc. 2840 N. Hollywood Way, Burbank, CA 91505, USA
Tel: 818 767-6528 website: www.kinoflo.com