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# Operation Manual

## Image 82, 42, 22



**KINO FLO**

L I G H T I N G   S Y S T E M S

# Image System



## Image 82

- 8 x 4ft lamps
- Manual on/off switching control
- Switches 2 lamps at a time



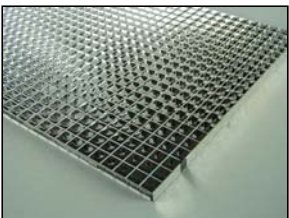
## Image 42

- 4 x 4ft lamps
- Manual on/off switching control
- Switches 2 lamps at a time



## Image 22

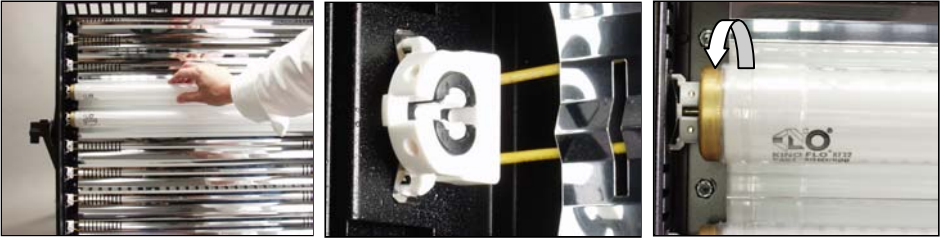
- 4 x 2ft lamps
- Manual on/off switching control
- Switches 2 lamps at a time



## Each System Includes:

- 1 Image Fixture**
- 1 Silver Louver**
- 1 Gel Frame**

# Inserting Lamps



Insert lamps into both lamp connectors. Twist  $\frac{1}{4}$  turn to make electrical contact.

# Inserting Gel Frame



The gel frame is secured to the fixture by 4 spring-loaded pins. Align the pins of the gel frame with the oval receptacle holes on the edge of the fixture. Pull back the pins and release into the receptacles to properly secure the gel frame.

# Applying Gel to Frame



(A)

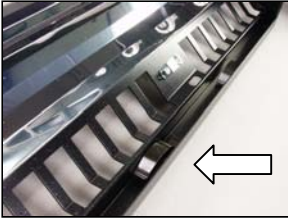


(B)

**A)** The Gel Frame comes with Gel Clips. Cut the gel to size and use the Clips to fasten the gel to the Frame.

**B)** Another method is to apply transfer tape directly to the gel frame. The clips are not necessary when taping the gel.

# Inserting Louver



Place the long edge of the Louver into the lower channel containing a set of leaf springs. Press down on the Louver and slip the upper edge of the louver into the upper channel of the fixture. To remove reverse the procedure.

# Mounting Options



Junior Pin Assembly

The Image 82 requires a Junior Pin assembly or any other clamping device that uses a ½ inch bolt.

The Image 82 uses the longer bolt. The Image 42 and 22 require the shorter bolt.



Baby Receiver Assembly

The Baby Receiver is for use only on the Image 42 and Image 22.

**Do Not** use the Baby Receiver on the Image 82. This receptacle is not strong enough to safely hold the greater weight of the Image 82.

# Image Fixture Control Panel

The Image 82 Fixture is used for example purposes throughout these instructions.



**A ) Power Switch:** Has a built-in indicator light, which can detect if AC power is present in power cord. "O" = OFF position

**B ) Fuse:** Provides circuit protection.

*Note: If Fuse is blown or open replace with same type of fuse rating as marked.*

## Power Requirements

Provide 120 Volt AC primary power.  
Do not dim the fixture through a dimming circuit.  
If powering the fixtures through a dimmer board, set the dimmer profile to non-dim.

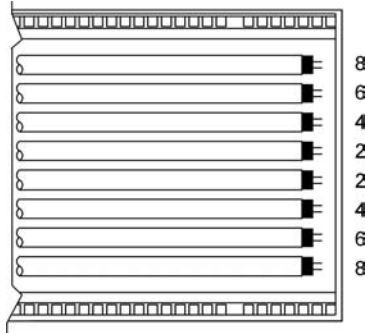
### Load Considerations:

Kino Flo ballasts are not power factor corrected. They will draw double the current on the neutral from what is being drawn on the two hot legs. On large installations it may be necessary to double your neutral run so as not to exceed your cable capacity.

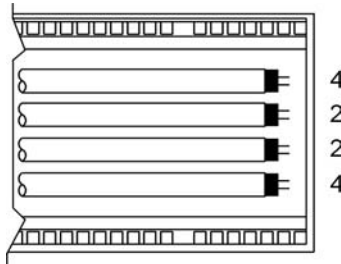
# Manual Operation

IMAGE 82, 42 and 22 Fixtures are operated manually with the Lamp Switches. The Switches enable you to turn lamps on and off with an “inside-out” pattern

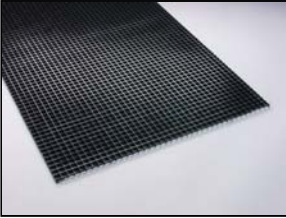
## Image 82 Switching Pattern



## Image 42 and 22 Switching Pattern



# Accessories



LVR-I80-B Image 82 Black Louver



MTP-I80 Junior Pin for Image 82  
Image 42 and 22



MTP-I40 Baby Receiver for  
Image 42 and 22



BRD-I80 Image 82 Barndoors, Set of 4  
BRD-I40 Image 42 Barndoors, Set of 4  
BRD-I20 Image 22 Barndoors, Set of 4

# Mounting Barndoors



Side Door  
X2



Top and Bottom Door



1. For the **Side Doors**, align the hinge bracket tabs with the two square receptacles on the side of the fixture.

2. Press the tabs of both brackets into the square receptacles.

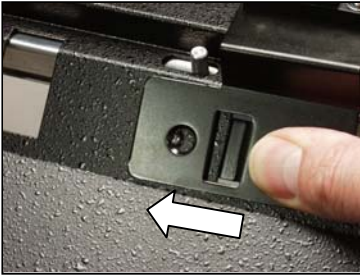
3. Slide the two brackets up until the silver lock pin snaps into place.

4. To release the Barndoor, press the Lock Pin down and slide the bracket in reverse.





1. For the **Top and Bottom Doors**, align the two hinge bracket tabs with the two square vents closest to the Silver Lock Pins.



2. Press the brackets down into the vent and slide them over to engage the Lock Pins with the hole in the bracket.



3. To remove the Barndoor, press down on the two Lock Pins and slide the brackets back.



Adjust the hinge tension with a Philips head screwdriver.

# Cases



Kas-I80-1



Kas-I80-2



KAS-48

Part Number	Description	Dimensions	Weight (Empty)	Holds
KAS-I80-2	Image 82 Ship Case	56.25" x 16.25" x 35" 1435mm x 413mm x 889mm	98 lb / 44Kg	Image 82 x 2
KAS-I80-1	Image 82 Ship Case	56.5" x 7.75" x 35" 1435mm x 197mm x 889mm	38lb / 17Kg	Image 82 x 1
KAS-I40-1	Image 42 Ship Case	56.5" x 10.25" x 23.25" 1435mm x 260mm x 590mm	29lb / 13Kg	Image 42 x 1
KAS-I20-1	Image 22 Ship Case	31.25" x 10.25" x 23.25" 794mm x 260mm x 590mm	18lb / 8Kg	Image 22 x 1
KAS-48	4ft Lamp Ship Case	52.5" x 10.5" x 11.25" 1333mm x 267mm x 286mm	15lb / 7Kg	4ft T12 Lamps(20)

# Fixture Specifications

**Model: Image 82**

**Power requirements:** 120VAC or 230VAC

**Amperage:** 10 amps at 120VAC, 5 amps at 230VAC

**Weight w/lamps:** 37lb / 16.7Kg

**Dimensions:** 54.5" x 32.63" x 6.25"

1384mm x 829mm x 159mm

**Lamp Switching:** 8 / 6 / 4 / 2 / Off

**Lamp types:** F40T12

**Model: Image 42**

**Power requirements:** 120VAC or 230VAC

**Amperage:** 5 amps at 120VAC, 2.5 amps at 230VAC

**Weight w/lamps:** 22lb / 10Kg

**Dimensions:** 54.5" x 20.25" x 6.25"  
1384mm x 514mm x 159mm

**Lamp Switching:** 4 / 2 / Off

**Lamp types:** F40T12

**Model: Image 22**

**Power requirements:** 120VAC or 230VAC

**Amperage:** 1.8 amps at 120VAC, .9 amps at 230VAC

**Weight w/lamps:** 14lb / 6.3Kg

**Dimensions:** 30.5" x 20.25" x 6.25"  
775mm x 514mm x 159mm

**Lamp Switching:** 4 / 2 / Off

**Lamp types:** F20T12