4Bank System consists of:

1 Fixture
1 Mounting Plate
1 Extension Cable
1 Select/DMX 4Bank Ballast
True Match® Lamps

488-K29-S  4ft Kino 800ma KF29
488-K32-S  4ft Kino 800ma KF32
488-K55-S  4ft Kino 800ma KF55
242-K29-S  2ft Kino 800ma KF29
242-K32-S  2ft Kino 800ma KF32
242-K55-S  2ft Kino 800ma KF55

Lighting Kits

KIT-2GF-X120
Gaffer DMX Kit, 120VAC (2-Unit)

KIT-2GF-X230
Gaffer DMX Kit, 230VAC (2-Unit)

Kit Contents:
2 4ft 4Bank DMX System w/ MTP-BL41 Mount
2 Lamp Case
1 Gaffer Ship Case

Dimensions
56.5 x 13 x 21.5”
(143.5 x 33 x 54.6cm)

Weight
76 lb (34.5kg)

KIT-2NT-X120
Interview DMX Kit, 120VAC (2-Unit)

KIT-2NT-X230
Interview DMX Kit, 230VAC (2-Unit)

Kit Contents:
2 2ft 4Bank DMX System w/ MTP-BL41 Mount
2 Lamp Case
1 Interview Ship Case

Dimensions
35.5 x 13 x 22.5”
(90 x 33 x 57cm)

Weight
63 lb (28.6kg)
The 4Bank fixture is comprised of a removable Louver, Reflector, and Lamp Harness. The Louver and Reflector are held in place with Velcro fasteners. The Lamp Harness is secured by means of a ¼ turn fastener and two clips.

To Release the Lamp Harness

Remove the harness from 2 clips located under the reflector. Rotate the ¼ turn fastener clockwise to release harness.

The lamps can operate independent of the fixture allowing them to be built into sets or custom soft boxes or hand held as a single tube for an eye-light.

**WARNING**: Always use safety coated lamps to avoid injury if lamp breaks.
The Harness wiring is color-coded. The same color-code must match at each end of the lamp for proper operation.

Inserting Lamps

Locking Lamp Connector:
Depress both tabs on lamp connector and apply to lamp pins. Match the Harness color-codes at each end of the lamp. Push lamps into the fixture’s Lamp Holder Clips.
Mounting the Fixture

The standard mount (MTP-KL41) comes with a 3/8” Lollipop that clamps into a grip head. The ball and socket mount allows the fixture to be oriented in a broad range of angles.

Align the center pin of the mounting plate to the center hole on the mating plate.

Rotate plate clockwise until the four shoulder rivets drop into the receptacle. A locking pin will snap into place when the plate is properly seated.

The yellow wire loops provide attachment points for a safety chain.

Restricting the airflow around the lamps can cause the lamp to operate hotter. This increased heat will raise the lamp’s color temperature and green spike. Therefore, it is recommended to clip gels to the Doors of the Fixture.

Do Not clip gels to louver.
Do Not block the fixture ends in a manner that restricts airflow.

Gelling the Fixture
To remove the plate, pull up on the locking pin and rotate the plate counter clockwise.

A 180° 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.

Lollipops are interchangeable.

**MTP-L**  Kino 41 Lollipop w/ 3/8” Pin
**MTP-LB**  Kino 41 Lollipop w/ Baby Receiver
**MTP-LBS**  Kino 41 Lollipop w/ Baby Receiver Short
Other Fixture Mounting Options

The grommet holes along the edge of the fixture are designed to allow the fixture to be screwed onto set walls.

Extension Cable

To insert the cable, align the key ways on the extension cable with the circular receptacle on the ballast. Rotate the locking ring until it clicks into the lock position. Lamps can operate as far as 75 feet from the ballast. (3 x 25ft extensions)

A Splitter can be used at the Ballast or on the end of an Extension Cable to split a 4Bank run into either 4 Singles or 2 Doubles.

This allows for greater rigging flexibility.
WARNING!

1) ALWAYS TURN OFF THE BALLAST BEFORE connecting or disconnecting Lamps, Harnesses or Extension Cables.
2) Use only with Sine wave inverters. Do not operate on SCR dimmers.
3) If powering the ballasts through a Dimmer Pack set the Dimmer to Non-Dim Mode.

The 120VAC Ballast requires 110 to 130 Volts AC 50/60 Hertz on an earth grounded circuit; the 230VAC Ballast requires 220 to 240 Volts AC on an earth grounded circuit. The electronic Ballast operates at a high frequency of 25kHz. It is dead–quiet, instant–on and lightweight.

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.

Ballast Operation Continued….

Cold Temperature Operation
The Select DMX Ballast series is designed to operate at temperatures from 14F to 122F (–10C to +50C). In cold temperatures, the Ballast may not strike the lamp(s) instantly. Switch the Ballast to OFF, wait seven seconds and try again.

If the Ballast does not strike after two or three attempts, turn off the Ballast, check that the Extension and Harness connections are secure and re-strike. Once operating for a few minutes, the Lamps should re-strike instantly.
Manual Operation

The Ballast operates remote from the fixture. Connect the Extension cable to the Ballast and the Lamp Harness. After the lamps are properly installed the Ballast can be turned on. Each switch controls one lamp. The color bands on the lamp harness correspond to the switches as illustrated.

Color Band

- Blue
- Black
- Yellow
- Red

Lamp Select Feature

The Select Ballasts have a 4ft / 2ft switch. Set the Selector Switch to 4ft for 4ft lamps and 2ft for 2ft or 15” lamps.

Lamp Select feature continued...

When operating 4ft lamps in high ambient temperature or where the units are rigged into place with restricted airflow, the 2ft setting can be used to lower the color temperature and remove any green spike. The light drops about a half an f-stop in exposure when dropping from 4ft to 2ft.

It is not recommended to operate 2ft lamps in the 4ft setting. At the 4ft setting, the color temperature of the 2ft lamps will rise dramatically and experience a high green spike.
A) **Circular Output Connector:** Provides electrical power to the lamp head with the use of a 4Bank extension cable.

B) **DMX-In & DMX-Out:** DMX-IN receives DMX signals from Dimmer Board. DMX-OUT relays DMX signal through to other Fixtures or Instruments.

C) **Fuse:** Provides circuit protection. *Note: If Fuse is "blown" or "open" replace with same type of fuse rating as marked.*

D) **DMX TERMINATE Switch:** Terminates DMX signal at the end of Fixture series.

E) **Individual Lamp / Fixture Switch:** Converts between INDIVIDUAL LAMP and FIXTURE methods of DMX control.

F) **DMX Address:** Sets DMX Address of Fixture.

G) **Lamp Select:** Set to 4ft for 4ft lamps and 2ft for 2ft or 15” lamps.

H) **Manual Switches:** Turns lamps on and off manually.
DMX Operation

DMX Addressing
Push the tabs above or below the number window to set the address. (Valid addresses range from 001 to 512.) The yellow light above the address block will illuminate if a DMX signal is present.

Each DMX 4Bank ballast operates on 5 addresses.
After the DMX address is entered, the ballast automatically assigns the next 4 addresses to lamps 2,3,4 and a 5th address controls the 2ft setting. Programming the 5th address at full dimmer setting activates the 2ft setting.

Note: When DMX cables are applied the manual 4ft/2ft select feature will be disabled.

To get manual control of the 4ft/2ft feature
1) Unplug the DMX cable or
2) Leave cables plugged in and set address to "000". There is a 5 second delay when switching between DMX and Manual control.

Manual lamp switching is not affected by DMX control.

The DMX Terminate Switch must be set to open (O) on Ballasts within the DMX chain.

Set to closed (I) when the Ballast is the last DMX control device in the chain.

Note: When the last Ballast’s DMX Terminate Switch is set to “I”, it will absorb all energy in the DMX line, ensuring DMX signals are transmitted correctly. If a signal is not terminated, it is called a “Reflected Wave”, and may create transmission errors by causing valid DMX signals to be canceled.

IMPORTANT!
The dimmer board/light console should have its channel set to LINEAR light output response. (LINEAR response is the default setting on most dimmer boards.)
Any theatrical lighting board with DMX512 protocol can be used to individually turn on/off lamps in a Fixture.

Select/DMX 4Bank Ballasts can be jumpered using the IN and OUT ports. As many as 100 Ballasts can be jumpered on one chain as long as the DMX cable run remains under 1000 feet or 40 x 25ft DMX cables.

**Note:** When operating Ballasts at great distances from the dimmer board, it is recommended to use Opto-Isolators to provide DMX signal amplification.

**DMX Cables**

The Fixture uses five-pin XLR male and female connectors to receive DMX signals from the Dimmer Board and jumper the Fixtures in a series. DMX pin-out wiring follows the USITT DMX512 standard:

- Pin 1: Shield
- Pin 2: Data -
- Pin 3: Data +
- Pin 4: Spare -
- Pin 5: Spare +

**Note:** Pin four and five in the Fixture are connected internally as Pin four to four and Pin five to five. Connecting Pin four and five as the pass-thru allows secondary data to be passed through for other equipment.

**Do Not use Microphone Cables**

Microphone Cables designed for audio or signaling use. They are not suitable for DMX512. Problems due to incorrect cabling may not be immediately apparent. Microphone Cables may appear to work fine, but systems built with such Cables may fail or be prone to random errors. Cable must comply with EIA-485 (RS485).

**NOTE:** If a Fixture or Ballast loses its DMX signal it will hold its last DMX command. For this reason it is important to turn a Fixture or Ballast off using the DMX commands. For example, if you try to turn off the lights by turning off the dimmer board, the lights will remember their last DMX command and stay on. The Fixtures or Ballasts require a DMX “Off” or “Black-out” command in order to turn off.
**Fixture Mode**

Setting the unit to **Fixture** mode allows the user to turn lamps on and off with an “inside-out” pattern from a dimmer board.

One of the best applications for the **Fixture** mode is when lighting Blue and Green Screens or large Cycloramas.

For example: One row of fixtures can be set to **Fixture** mode on a common address. When the fader on the dimmer board is brought up or down all the Fixtures on that address will have the same lamps turned on.

**Dimmer level - Lamp response**

Each ballast has 5 addresses. Addresses 001-004 control the lamps. Sliding the fader on the dimmer board from 0 ~ 100 controls the number of lamps that are on within a fixture. Address 005 controls the **2ft** setting.

**Note:** The lamps may respond ± 4 channel levels, depending on the dimmer board. To control the **2ft** select feature, program the 5th address (005) at full. Setting the dimmer value under 49% or not programming address 5 will restore the **4ft** setting.

**4Bank Lamp Sequence**

<table>
<thead>
<tr>
<th>Lamp</th>
<th>Dimmer Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lamp 1</td>
<td>12</td>
</tr>
<tr>
<td>Lamp 1~2</td>
<td>37</td>
</tr>
<tr>
<td>Lamp 1~3</td>
<td>64</td>
</tr>
<tr>
<td>Lamp 1~4</td>
<td>83</td>
</tr>
</tbody>
</table>

To Control Light Levels From Multiple Fixtures:

1) Set ballast to **Fixture** mode.
2) Set all ballast addresses to a common address (e.g. 001).
3) Set address 005 if the **2ft** setting is required.
4) Set end of line switch to “I” on the last unit in the DMX chain.
Individual Lamp Mode

Setting the unit to **Individual Lamp** mode allows each lamp within the fixture to have its own address. Although this option will use up a lot of addresses, it may be preferable for certain situations.

The **Individual Lamp** mode is useful in achieving light effects like flickering, chasing or creating light patterns. Individual lamps or fixtures can be rigged into a set by using a 4Bank to Single or Double splitter. A Single splitter can provide 4 individual cable feeds to lamps or fixtures in a set. (For parts see page 16).

After the DMX address is entered, the Select/DMX 4Bank automatically assigns the next 4 addresses to lamps 2, 3, 4 and the 5\(^{th}\) address controls the **2ft** setting. On address 5 to activate the **2ft** lamp setting, set dimmer slider to full. Setting the dimmer value under 49% or not programming address 5 will restore the **4ft** setting.

Note: The **4ft/2ft** select setting controls all 4 lamps equally. Individual settings per lamp are not possible.

For example, if the DMX 4Bank base address is set at 001 the configuration below will provide 4 lamps individually addressable through DMX512.

<table>
<thead>
<tr>
<th>Lamp#</th>
<th>DMX Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lamp 1</td>
<td>1</td>
</tr>
<tr>
<td>Lamp 2</td>
<td>2</td>
</tr>
<tr>
<td>Lamp 3</td>
<td>3</td>
</tr>
<tr>
<td>Lamp 4</td>
<td>4</td>
</tr>
<tr>
<td>2ft Setting</td>
<td>5</td>
</tr>
</tbody>
</table>

## Individual settings per lamp are not possible.

---

**4Bank Lamp Sequence**

4 (Red) 2 (Yellow) 1 (Black) 3 (Blue)
To Chase one lamp through multiple fixtures:

1) Set ballast to Individual Lamp mode.
2) Set each ballast with its own address: 001, 006, 011, 016 and so on.
3) Program address 005, 010, 015 etc. for 2ft operation.
4) Program lamp sequence to chase from 001 through 004, 006-009, 011-014 and so on.
5) Set end of line switch to “I” on the last unit in the DMX chain.

To Chase same lamp position simultaneously through multiple fixtures:

1) Set ballast to Individual Lamp mode.
2) Set each ballast address to 001 (or a common address).
3) Program address 005, 010, 015 etc. for 2ft operation.
4) Program lamps to chase from address 001-004.
5) Set end of line switch to “I” on the last unit in the DMX chain.

System Components

<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFX-4804</td>
<td>4ft 4Bank Fixture</td>
</tr>
<tr>
<td>CFX-2404</td>
<td>2ft 4Bank Fixture</td>
</tr>
<tr>
<td>MTP-KL41</td>
<td>Kino 41L Mount w/ 3/8” Pin</td>
</tr>
<tr>
<td>X16-25</td>
<td>4Bank Ext. Cable, 25ft</td>
</tr>
<tr>
<td>X16-12</td>
<td>4Bank Ext. Cable, 12ft</td>
</tr>
</tbody>
</table>
**True Match® Lamps**

- **488-K29-S** 4ft Kino 800ma KF29
- **488-K32-S** 4ft Kino 800ma KF32
- **488-K55-S** 4ft Kino 800ma KF55
- **242-K29-S** 2ft Kino 800ma KF29
- **242-K32-S** 2ft Kino 800ma KF32
- **242-K55-S** 2ft Kino 800ma KF55

**Accessories and Parts**

- **MTP-BL41** Kino 41L Mount w/ Baby Receiver
- **MTP-BL41S** Kino 41L Mount w/ Baby Receiver Short
- **MTP-L** Kino 41 Lollipop w/ 3/8" Pin
- **MTP-LB** Kino 41 Lollipop w/ Baby Receiver
- **MTP-LBS** Kino 41 Lollipop w/ Baby Rcvr Short
- **MTP-BAL** Kino Ballast Baby Mount

**Other Products**

- **BAL-450-120** Select/DMX 4Bank, 120VAC
- **BAL-450-230** Select/DMX 4Bank, 230VAC

- **DFS-4804** 4ft 4Bank Flozier, Full
- **DFS-4804-H** 4ft 4Bank Flozier, Half
- **DFS-D4** 2ft 4Bank Flozier, Full
- **DFS-D4-H** 2ft 4Bank Flozier, Half
FIX-4804  4ft 4Bank Fixture Shell
FIX-2404  2ft 4Bank Fixture Shell

LVR-4804-B  4ft 4Bank Louver, Black
LVR-2404-B  2ft 4Bank Louver, Black

REF-4804  4ft 4Bank Reflector
REF-2404  2ft 4Bank Reflector

X16-A4  4Bank to Single Splitter
X16-A9  4Bank to Double Splitter

X09-25  Double Ext. Cable, 25ft
X09-12  Double Ext. Cable, 12ft

X04-25  Single Ext. Cable, 25ft
X04-12  Single Ext. Cable, 12ft

HAR-4804  4ft 4Bank Harness
HAR-2404  2ft 4Bank Harness

HAR-4802  4ft Double Harness
HAR-2402  2ft Double Harness

HAR-4801  4ft Single Harness
HAR-2401  2ft Single Harness
### Expendables

**EXP-LHC-T12**  
Lamp Holder Clips T12, 24pk

**EXP-M&T**  
Adhesive Mounts and Releasable Ties, 25pk

**PRT-HLC**  
Kino Locking Lamp Connector, 1pk

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See web site: [www.kinoflo.com](http://www.kinoflo.com) for more accessories.

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### Lamp w/ Harness Specifications

#### Kino Flo Lamp w/ Harness Dimensions

<table>
<thead>
<tr>
<th>Lamp Type</th>
<th>Length</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>2ft Med. Bi-Pin</td>
<td>24.5”</td>
<td>1.5”</td>
</tr>
<tr>
<td>4ft Med. Bi-Pin</td>
<td>48.5”</td>
<td>1.5”</td>
</tr>
</tbody>
</table>
### Kino Flo 4Bank Fixture Dimensions

<table>
<thead>
<tr>
<th>Fixture Style</th>
<th>Length</th>
<th>Width</th>
<th>Depth</th>
<th>Barndoor Width</th>
<th>Weight w/Lamps</th>
</tr>
</thead>
<tbody>
<tr>
<td>2ft 4Bank</td>
<td>27.00&quot;</td>
<td>13&quot;</td>
<td>3.5&quot;</td>
<td>6.5&quot;</td>
<td>7.5 lbs</td>
</tr>
<tr>
<td>4ft 4Bank</td>
<td>52.00&quot;</td>
<td>13&quot;</td>
<td>3.5&quot;</td>
<td>6.5&quot;</td>
<td>11.5 lbs</td>
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### Kino Flo Double Fixture Dimensions

<table>
<thead>
<tr>
<th>Fixture Style</th>
<th>Length</th>
<th>Width</th>
<th>Depth</th>
<th>Barndoor Width</th>
<th>Weight w/Lamps</th>
</tr>
</thead>
<tbody>
<tr>
<td>2ft Double</td>
<td>27.00&quot;</td>
<td>7.5&quot;</td>
<td>3.5&quot;</td>
<td>6.0&quot;</td>
<td>4.7 lbs</td>
</tr>
<tr>
<td>4ft Double</td>
<td>52.00&quot;</td>
<td>7.5&quot;</td>
<td>3.5&quot;</td>
<td>6.0&quot;</td>
<td>7.7 lbs</td>
</tr>
</tbody>
</table>

### Kino Flo Single Fixture Dimensions

<table>
<thead>
<tr>
<th>Fixture Style</th>
<th>Length</th>
<th>Width</th>
<th>Depth</th>
<th>Barndoor Width</th>
<th>Weight w/Lamps</th>
</tr>
</thead>
<tbody>
<tr>
<td>2ft Single</td>
<td>27.00&quot;</td>
<td>4.5&quot;</td>
<td>3.5&quot;</td>
<td>3.5&quot;</td>
<td>2.7 lbs</td>
</tr>
<tr>
<td>4ft Single</td>
<td>52.00&quot;</td>
<td>4.5&quot;</td>
<td>3.5&quot;</td>
<td>3.5&quot;</td>
<td>4.3 lbs</td>
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</tbody>
</table>
## Cases

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Dimensions</th>
<th>Weight (Empty)</th>
<th>Holds</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAG-201</td>
<td>2ft 4Bank Soft Case</td>
<td>27.5 x 7 x 18” (70 x 18 x 46cm)</td>
<td>3.3lb / 1.5kg</td>
<td>2ft 4Bank System (1), Lamp Case</td>
</tr>
<tr>
<td>BAG-401</td>
<td>4ft 4Bank Soft Case</td>
<td>53.5 x 7 x 18” (136 x 18 x 46cm)</td>
<td>5lb / 2.3kg</td>
<td>4ft 4Bank System (1), Lamp Case</td>
</tr>
<tr>
<td>INS-L4</td>
<td>4-Lamp Foam Pad</td>
<td>24 x 9 x 1” (61 x 23 x 2.5cm)</td>
<td>N/A</td>
<td>Fits KAS-48, 72, 96</td>
</tr>
<tr>
<td>INS-L6</td>
<td>6-Lamp Foam Pad</td>
<td>24 x 13 x 1” (61 x 33 x 2.5cm)</td>
<td>N/A</td>
<td>Fits KAS-54S, 54L, 96L</td>
</tr>
<tr>
<td>KAS-21</td>
<td>2ft System Ship Case</td>
<td>30 x 10 x 15” (76 x 25.5 x 38cm)</td>
<td>12.5lb / 5.6kg</td>
<td>2ft 4Bank System (1)</td>
</tr>
<tr>
<td>KAS-41</td>
<td>4ft System Ship Case</td>
<td>57 x 9.5 x 15” (145 x 24 x 38cm)</td>
<td>25lb/ 11.3kg</td>
<td>4ft 4Bank System (1)</td>
</tr>
<tr>
<td>KAS-48</td>
<td>4ft Lamp Ship Case</td>
<td>52.5 x 10.5 x 11” (133.5 x 26.5 x 28cm)</td>
<td>15.5lb / 7kg</td>
<td>4ft Lamps (20)</td>
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<tr>
<td>KAS-54L</td>
<td>4ft Fixture Ship Case, Large</td>
<td>57 x 15 x 17” (145 x 38 x 343cm)</td>
<td>25lb / 11.3kg</td>
<td>4ft 4Bank Fixture (5)</td>
</tr>
<tr>
<td>KAS-54S</td>
<td>4ft Fixture Ship Case, Small</td>
<td>57 x 15 x 11.5” (145 x 38 x 29cm)</td>
<td>21lb / 9.5kg</td>
<td>4ft 4Bank Fixture (3)</td>
</tr>
<tr>
<td>KAS-C26</td>
<td>6-Lamp Carry Case, (2ft)</td>
<td>26.5 x 6 x 4” (67.5 x 15 x 10cm)</td>
<td>1lb / .5kg</td>
<td>2ft Lamps (6)</td>
</tr>
<tr>
<td>KAS-C46</td>
<td>6-Lamp Carry Case, (4ft)</td>
<td>50.5 x 6 x 4” (128.5 x 15 x 10cm)</td>
<td>1.5lb / .7kg</td>
<td>4ft Lamps (6)</td>
</tr>
<tr>
<td>KAS-GAF2</td>
<td>Gaffer Kit Ship Case</td>
<td>56.5 x 13 x 21.5” (143.5 x 33 x 54.6cm)</td>
<td>31lb / 14kg</td>
<td>4ft 4Bank System (2), Lamp Case (2)</td>
</tr>
<tr>
<td>KAS-INT2</td>
<td>Interview Kit Ship Case (2)</td>
<td>35.5 x 13 x 22.5” (90 x 33 x 57cm)</td>
<td>25lb / 11.3kg</td>
<td>2ft 4Bank System (2), Lamp Case (2)</td>
</tr>
<tr>
<td>KAS-INT3</td>
<td>Interview Kit Ship Case (3)</td>
<td>35.5 x 13 x 23.5” (90 x 33 x 59.7cm)</td>
<td>25.5lb / 11.5kg</td>
<td>2ft 4Bank System, 2ft Double System (2) Lamp Case (2)</td>
</tr>
<tr>
<td>KAS-KFC</td>
<td>Ballast &amp; Cable Crate w/ Lid</td>
<td>21.5 x 15 x 12” (54.5 x 38 x 30.5cm)</td>
<td>6lb / 2.7kg</td>
<td>Ballasts, Cables, Mounting Plates</td>
</tr>
<tr>
<td>Ballast Specifications</td>
<td>BAL-450-120</td>
<td>BAL-450-230</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------------</td>
<td>-------------------</td>
<td>-------------------</td>
<td></td>
<td></td>
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<tr>
<td><strong>Select/DMX 4Bank Ballast, 120VAC</strong></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>Input Voltage:</td>
<td>120VAC 50/60Hz</td>
<td>230VAC 50/60Hz</td>
<td></td>
<td></td>
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<tr>
<td>Output Frequency:</td>
<td>25kHz</td>
<td>25kHz</td>
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<td></td>
</tr>
<tr>
<td>Amperage:</td>
<td>F75/4.6A, F40/3.2A, F30/2.5A</td>
<td>F75/2.4A, F40/1.7A, F30/1.3A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lamp switching:</td>
<td>4-1/off</td>
<td>4-1/off</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Output Switching:</td>
<td>4ft / 2ft</td>
<td>4ft / 2ft</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ballast size:</td>
<td>12.5 x 12.5 x 2.5” (32 x 32 x 6.5cm)</td>
<td>12.5 x 12.5 x 2.5” (32 x 32 x 6.5cm)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight:</td>
<td>6.5lb / 2.9kg</td>
<td>6.9lb / 3.1kg</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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 local and state regulations.