KIT-140X
12V Single Kit, 12VDC

Kit Contents:
2 12V Single Ballast xlr
2 15” 12V Single Fixture
2 Extension, 25ft
1 Car Adapter xlr
1 Alligator Clip Adapter xlr
1 Splitter xlr
1 Travel Case

Dimensions          Weight
21 x 7.5 x 17”       14lbs
(53.5 x 19 x 43cm)   (6.3kg)
Fixture Assembly

The Louver is held in place with Velcro fasteners. Clips hold the lamp to the fixture.

Inserting Lamp

Locking Lamp Connector:

Depress both tabs on the lamp connector and apply to lamp pins. Push lamp into the fixture’s Lamp Holder Clips.
Mounting the Fixture

Most applications for the Fixture are in tight locations, where a strip of double sided Velcro or gaffer tape can hold the Fixture in place. For stand mounting, the Fixture is designed to accept a single mount plate, MTP-K1 (sold separately).

Stand Mounting

- Pull back the two push pins on the single mount.
- Insert the mount plate into the receptacle holes on the fixture mating plate.
- Push down on the two push-pins to lock the plate in place.
- Reverse the process to release the plate.
- The knurled 3/8” pin can be clamped onto a grip head.

Ballast Operation

Warning! To Ensure Proper Operation

ALWAYS TURN OFF THE BALLAST BEFORE connecting or disconnecting lamps, harnesses or Head Extension Cables. Maximum distance, 50ft (2 x 25ft cables)

Ballast Operation

The 12V Single Ballast (BAL-140X) operates remote from the fixture. Connect the 15” single lamp harness to the extension cable or the Ballast. After the lamp is properly installed, the Ballast can be turned on. Avoid operating in temperatures above 125°F (51°C) or below 32°F (0°C).
Ballast Operation continued….

(Note: The dimmer should be full up when striking the lamp. Once the lamp has come up to full temperature, in 3-5 minutes, then dim to the desired light level.)

In cold temperatures the Ballast may take longer to ignite the lamp. If it does not ignite within 5 seconds, switch the ballast to OFF, and try again. If lamp does not strike after 2 or 3 attempts, turn Ballast off, check that the harness, lamp or any extension connections are secure and restrike.

---

Ballast Controls

A) Lamp Output….. Lamp harness connects the ballast to the lamp.

B) Power Switch…. Lights up green when power is present.

C) TRIM …………… Adjusts the bottom end of the dimming curve.

D) DIMMER ………….. Adjusts the light level of the lamp.
When using alligator clips correct polarity is necessary in order to operate the ballast.

Red Clip is + (Positive) 
Black clip is – (Negative)

To operate two ballasts off the alligator battery clip cable (PWC-AX), use the XLR splitter cable (PWC-X42).

The 12V Single ballast operates lamp lengths of 15”, 24”, 36” and 48” T12 or T8. The dimming range is different for each lamp length. The TRIM adjustment located under the carrying handle adjusts the dimming range to accommodate the various lamp lengths. The TRIM pot can also be used to make a lamp fade to black or to stop at a predetermined low light setting.

To adjust the TRIM pot:

Use a slotted screwdriver to turn the TRIM pot. Clockwise adjusts the lamp brighter, counterclockwise darker.

1. Turn Trim and Dimmer to maximum position.
2. With Lamp type selected and Lamp correctly connected turn on power.
3. Turn DIMMER down to lowest setting.
4. Now turn the TRIM pot counter clockwise to set the lowest light level desired.

The BAL-140X power connection is made with 4-pin XLR connectors. Align connectors and insert.
12V Kit Components

CFX-15V
15" Fixture/12V

PWC-CX
DC Car Adapter xlr, 6ft

X04-25
Single Extension, 25ft

PWC-X42
4-pin XLR Splitter

BAL-140X
12V Single Ballast xlr, 12vdc

KAS-12V
12V Single Travel Case

PWC-AX
DC Alligator Adapter xlr, 12ft

12V Accessories

Lamp Harness
4ft HAR-4801
3ft HAR-3601
2ft HAR-2401
15" HAR-1501

MTP-K1
Single mount plate with spare push-pins

X04-A16
Single to 4Bank Combiner

PWS-137X
Power Supply 7A, 100-250vac/12vdc, 4-Pin xlr

X04-A9
Single to Double Combiner
Kino Flo Lamp w/ Harness Dimensions

<table>
<thead>
<tr>
<th>Lamp Type</th>
<th>Length</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>15” Med. Bi-Pin</td>
<td>15.5”</td>
<td>1.5”</td>
</tr>
<tr>
<td>2ft Med. Bi-Pin</td>
<td>24.5”</td>
<td>1.5”</td>
</tr>
<tr>
<td>3ft Med. Bi-Pin</td>
<td>36.5”</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 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>15” Single /12V</td>
<td>17.25”</td>
<td>3.25”</td>
<td>2.75”</td>
<td>N/A</td>
<td>1lb</td>
</tr>
<tr>
<td>2ft Single</td>
<td>26.75”</td>
<td>4.5”</td>
<td>3.5”</td>
<td>3.5”</td>
<td>2 lbs</td>
</tr>
<tr>
<td>4ft Single</td>
<td>51.50”</td>
<td>4.5”</td>
<td>3.5”</td>
<td>3.5”</td>
<td>4 lbs</td>
</tr>
</tbody>
</table>
**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.

---

**Ballast Specifications**

**BAL-140X**

12V Single Ballast xlr, 12VDC

- **Input Voltage:** 12VDC
- **Output Frequency:** 25 kHz
- **Amperage:** F30/1.9A, F40/2.8A, F75/4.6A
- **Dimming:** 100% - 15%
- **Lamp switching:** on/off
- **Ballast size:** 7 x 6.5 x 2.5”
  (18 x 16.5 x 6.5cm)
- **Weight:** 2.2lb / 1.0kg