
Operation Manual

Blanket-Lite 6 x 6



K I N O F L O

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

Blanket-Lite Assembly and Features

The **Blanket-Lite 6x6** consists of sixteen 6ft high output lamps powered by four Mega 4Bank ballasts. Lamps are spaced along two ratchet straps on 4 ½ inch centers. The Blanket-Lite mounts onto a 6x6 pipe frame and works by itself or in conjunction with diffusion materials, silver reflector or soft egg crate louver.

No Tools required for assembly.

Blanket-Lite Kit 6 x 6 Includes:



BKT-6X6

Blanket-Lite 6X6



FRM-6X6

Frame Assembly



KAS-6X6

Blanket-Lite Case



REF 6X6

Silver Reflector



BAL-410-M120
BAL-410-M230

Mega 4 Bank
Ballast x 4



DFS-6X6

Silk Diffuser X2



X19-25M

25ft Mega 4 Bank
Extensions X 4



KAS-6X6F

Frame Case



KAS-4MB

Ballast Stand
Mount / Case

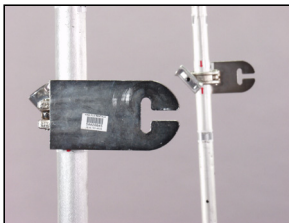
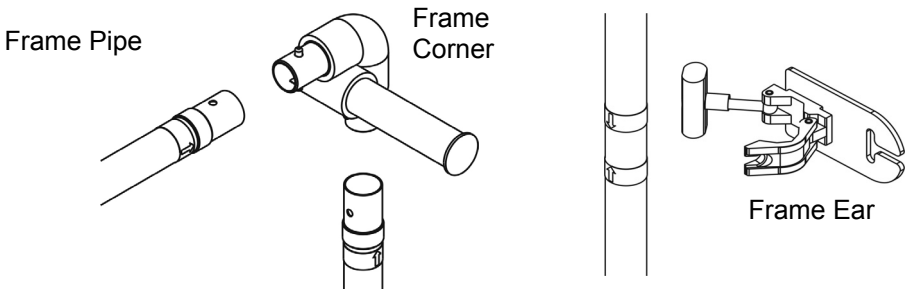
Assembly of Frame



The Pipe Frame Assembly consists of:

- 4 Frame Corners
- 4 Frame Pipes
- 12 Frame Clip Pins
- 2 Frame Ears

No tools are required to assemble the frame. Depress pins on the frame corners and twist until they mate with holes in the Frame Pipe. Once attached to the Pipe, Frame Corners should all be facing the same way.



Clamp the two frame ears between the two arrows found midway on the pipe frame. Face in the same direction as the frame corners.



The ears mount into a large grip head on high roller stands or other like stands.

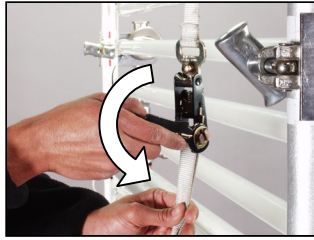
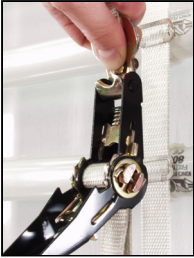
Note: The locking knuckles should be pointed to the inside of the frame.

Mounting Blanket-Lite to Frame



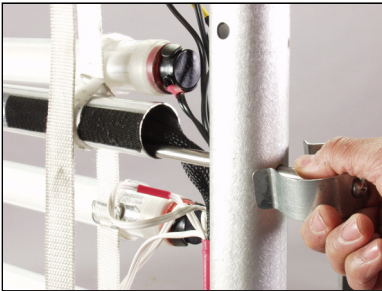
The Blanket-Lite should travel with lamps preloaded.

- 1) It is recommended to mount the frame between two stands. Tilt the top edge of the frame over the open shipping case. Pull the Blanket-Lite straps out of the box leaving the Blanket-Lite in it's case.
- 2) Line up Blanket-Lite straps with the black Velcro on the pipe frame. Line up the straps' red line with the **red arrow** of the tube. This ensures lamps are evenly spaced out within the pipe frame. Tighten loop down to the pipe frame.
- 3) Tilt the frame up thereby lifting the Blanket-Lite out from the case.
- 4) Once the Blanket-Lite has cleared the case, loop the straps around the lower portion of the pipe frame.
- 5) Hook the ratchet to the other end of the strap.



6) Draw up any slack in the strap and tighten by drawing down the ratchet lever until tight.

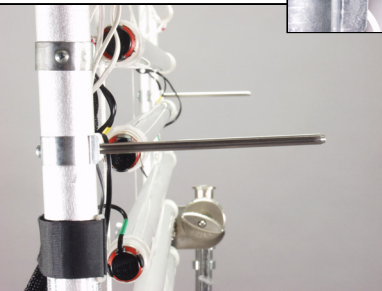
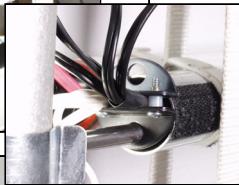
Inserting Pins for Accessories



To give rigidity to the Blanket-Lite insert 4 pins through the pipe frame into the two horizontal Blanket-Lite harness tubes.



One end of the harness tubes require the pins to be inserted through the strain relief disc.

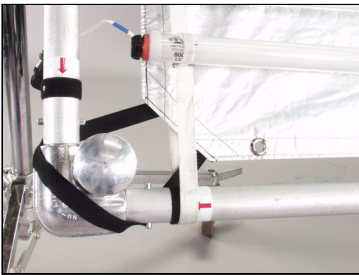


Insert the remaining 8 pins at 90 degrees to the frame. These pins support additional accessories.

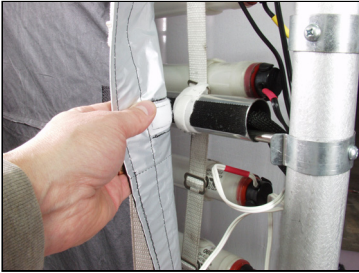


Use the Harness Velcro straps to secure the harnesses to the frame.

Mounting the Reflector



Apply the silver cloth reflector by looping the elastic corner ties around each corner.



Orient the reflector so that the Velcro strips on the reflector line up with the Velcro on the Lamp harness tubes.

Mounting Diffusion Material



Elastic loops hold the diffusion material to the corner posts.



The pins along the middle of the frame provide additional support to the diffusion.

Mounting Cloth Louver



Each corner of the Louver has an adjustable Velcro loop.



Loosely hang the two top corners of the louver around the frame's upper corner posts.

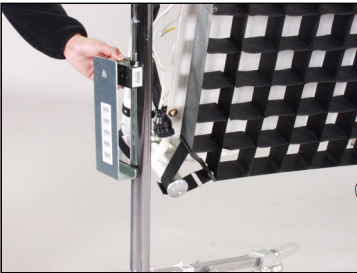


Set the tension of the louver by adjusting the four Velcro loops.

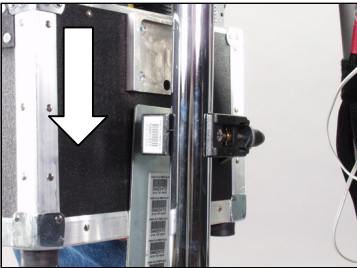


Further tension and support is provided by the adjustable elastic loops along the edge of the louver.

Mounting Ballast Tray



Using the Mafer Clamp mount the Hanger onto the stand.



Slide the Tray onto the Hanger.



Connect the extension cables to the harnesses and ballasts. (see Page 9)

The ballast Tray can be moved with the Blanket-Lite and Frame.

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)

Ballast Operation

WARNING!

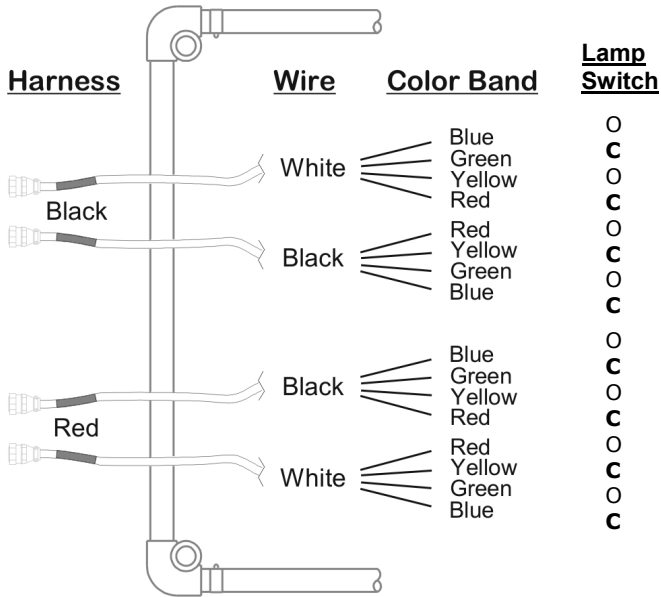
- 1) ALWAYS TURN OFF THE BALLAST BEFORE connecting or disconnecting Lamps, Harnesses or Extension Cables.
- 2) Use only with Sine wave inverters. Do not operate on SCR dimmers.
- 3) If powering the ballasts through a Dimmer Pack set the Dimmer to Non-Dim Mode.

The 120 VAC Ballast requires 110 to 130 Volts AC 50/60 Hertz on an earth grounded circuit; the 230 VAC 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.

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.

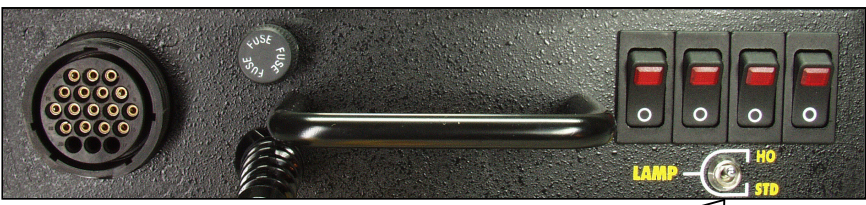
Cold Temperature Operation

The Select 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.



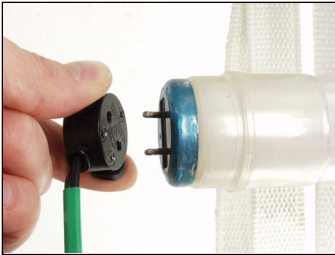
To alternate the lamps turn either 2 center switches 2 & 3 off or 2 outer switches 1 & 4 off. This will result in an on/off pattern for an even 1 f Stop drop in light output.

O C C O



Lamp Select Feature
 The Mega Select Ballasts have a **HO / STD** switch. Set the Selector Switch to **HO** for full light output. The **STD** setting can be used to lower the light level by a 1/2 f Stop.
 When operating lamps in high ambient temperature or where the units are rigged into place with restricted airflow, the **STD** setting can be used to lower the color temperature and remove any green spike.

Attaching Lamps to Blanket-Lite



The Blanket-Lite consists of four wiring harnesses that power sixteen, 6ft HO lamps. You must follow the color-coding to achieve light level control features (discussed in Ballast section).

Note: The easiest way to mount lamps is if the Blanket-Lite Ratchet straps have already been attached to the Frame. Velcro loops hold lamps to the straps.

Important!

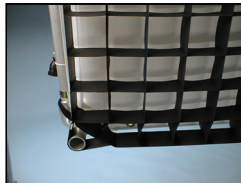
The color-code on both ends of the lamp must be the same, and both ends must be securely connected BEFORE turning on power. Once the lamps have been loaded, they can stay attached to the Blanket-Lite and placed in the Shipping Case for storage and shipping. If a second color temperature lamp is used regularly, it is recommended to have an additional pre-globed Blanket-Lite and an additional shipping case.

Accessories and Parts



X19-12M

Mega 4Bank
Ext. Cable 12ft



LVC-6X6

Lighttools® 50°
Louver



DFS-6X6/G

Full Grid Cloth
Diffuser



DFS-6X6/GH

Half Grid Cloth
Diffuser



MTP-BKT-100

Frame Ear



MTP-BKT-300

Frame Clip Pin



MTP-BKT-400
Frame Corner



MTP-BKT-500
Frame Pipe



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Blanket-Lite
Ratchet Strap



MTP-AME58
Mafer clamp



MTP-KP
Hanger



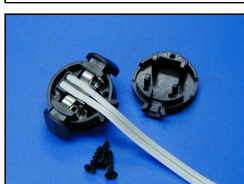
3090010
Ballast Tray



2110001
Tray Velcro
Strap



3090009
Ballast Case



PRT-HLC
Lamp
Connector

Cases



KAS-6X6



KAS-6X6F



KAS-4MB

Part Number	Description	Dimensions	Weight (Empty)	Holds
KAS-6X6	Blanket-Lite Ship Case	78.5" x 10.5" x 14" 210cm x 27cm x 31cm	28 lb / 12.6 Kg	Blanket-Lite 6X6 (1)
KAS-6x6-F	Blanket-Lite Frame Ship Case	74" x 9" x 12.5" 188cm x 23cm x 32cm	34 lb / 15.5 Kg	Blanket-Lite Frame (1)
KAS-4MB	Blanket-Lite Ballast Mount and ship case	25" x 13" x 17.5" 6.3.5cm x 33cm x 44.5cm	29 lb / 13.1 Kg	Mega Ballast(4) Cables (4) Mount (1)

Blanket-Lite Specifications

BLANKET-LITE Specifications:	
Outside dimensions of BLANKET-LITE with frame:	80" H x 80" W x 11" D 203cm x 203cm x 28cm
Weight of BLANKET-LITE w/ lamps:	30 lbs / 13.6 Kg
Weight of BLANKET-LITE w/ lamps and frame:	72.4 lbs / 32.6 Kg

Ballast Specifications



Bal-410-M120

Input Voltage: 120 VAC 50/60Hz
Output Frequency: 25kHz
Amperage: 4 X 5.7A = 22.8A
Lamp switching: 4-1/off
Output Switching: HO / STD
Ballast size: 13" X 9.5" X 2.5"
33cm X 24cm X 6.5cm
Weight: 5.8lb / 2.6Kg

BAL-410-M230

Input Voltage: 230 VAC 50/60Hz
Output Frequency: 25kHz
Amperage: 4 X 2.8A = 11.2A
Lamp switching: 4-1/off
Output Switching: HO / STD
Ballast size: 13.5" X 9.5" X 2.5"
34.5cm X 24cm X 6.6cm
Weight: 6.5lb / 2.9Kg

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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