



**KINO FLO**  
LIGHTING SYSTEMS

**2014**

**K**ino Flo® Lighting Systems wouldn't be here today if not for the many years of loyal and generous support by the motion picture and television production community. For more than 25 years, from the founding fathers of the company in 1987 to the newest employee, Kino Flo has made designing and building the best professional lighting tools our stock in trade.



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CINEC® Award 2006

In 1995, at about the same time the company was honored with a special Academy Award® for technical achievement in Hollywood, Kino Flo's star began to rise with directors of photography and lighting designers from around the world. From Beijing to Paris, Rio de Janeiro to Sochi, the Kino Flo brand became synonymous with high color rendering, portable, controllable production lighting.

A growing family of Kino Flos like the versatile 4ft 4Bank System, the powerful Image fixtures, and the ubiquitous Diva-Lites were in high demand by rental houses and studio lighting departments catering to the expanding universe of cinema, television, video and photography.

Everything from blockbuster franchise movies to an emerging international class of small, independent narratives and music videos adopted the look of Kino Flo. Television broadcast followed shortly after with Kino Flo location and studio fixtures for news, sports and entertainment reporting on the set and in the field. The photography community led by creative innovators like Martin Schoeller and Patrick Demarchelier in New York City embraced Kino Flo style lighting to help define new looks for editorial and advertising images. Today, Kino Flo products can be found on nearly every size and style of production across the country where professional image makers rely on excellence in lighting to tell their visual stories.

The new challenges of keeping pace with technical and artistic demands of evolving HD cinema and television cameras have spawned a new generation of Kino Flo soft lights fine tuned to the demands of the art. As we complete the move from a century old palette of halide-based film capture to a dizzying data dump of zeros and ones, the lighting part of the equation requires precise, tunable, flicker-free sources that not only deliver the highest standards of soft illumination, but also can be controlled remotely and in harmony with other intelligent light sources converging on the set.

The new DMX Celeb 400 and Celeb 200, starting on page 8, are every bit like every other Kino Flo, only more so because of their programmable, color-variable controls, extended lamp LEDs and AC/DC power versatility. The cool operating Tegra 4Bank has been enhanced with DMX control (page 29). DMX has also been added to the compact, specular-soft BarFly 450 (page 30). The DMX Image 87 and Image 47 soft light fixtures are new with this catalog as well (page 38), boasting power-factor corrected electronics, end-line auto termination and luminaire redesigns.

All our Kino Flo products address the needs of today's most demanding cinematographers, HD cinema and television lighting professionals and digital photography artists. It is now and always has been our defining mission statement to work with the lighting pros who make the hard technical and artistic choices that result in movie magic on the big screen and the small screen.

As always, we would like to thank all of our colleagues and customers, our friends and family, who have supported Kino Flo through the years, and we look forward to a future bright with your genius and insight. Enjoy the light.

Regards,

Frieder Hochheim  
President and Founder  
Kino Flo Lighting Systems

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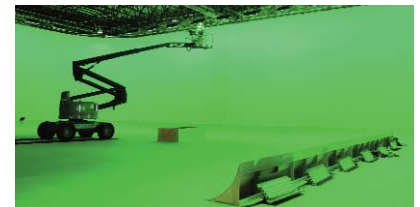
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# Film and Television



Trent Opaloch

Image fixtures, lighting greenscreen feature film set

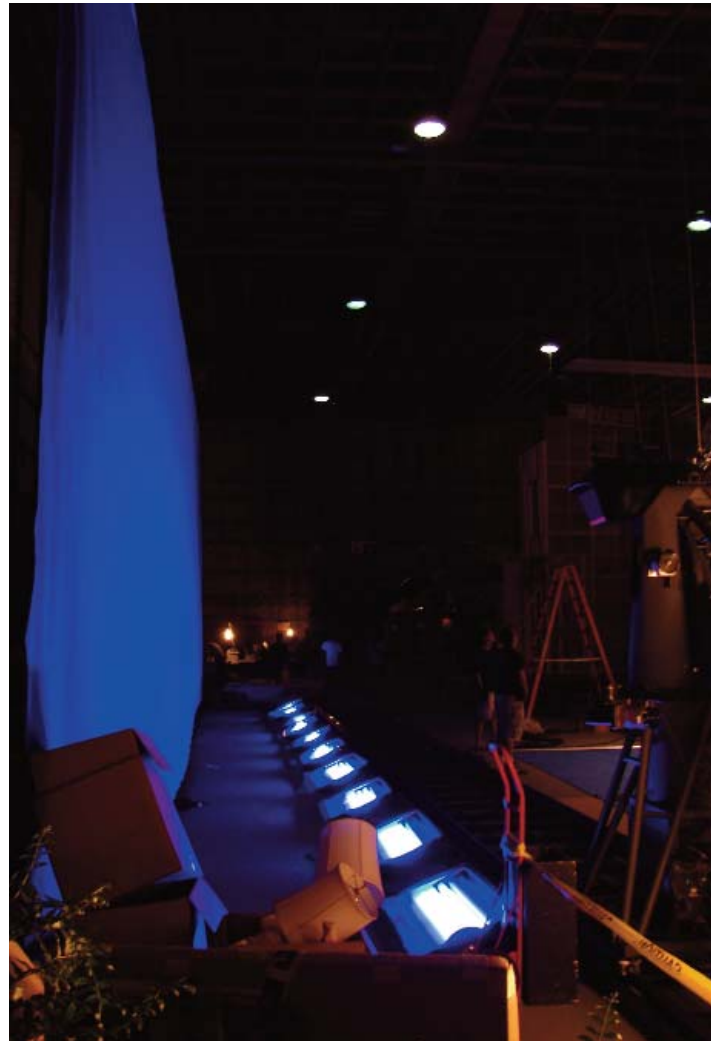


Image fixtures, with bluescreen visual effects on a commercial set



Andy Stern, AmpLight Rental

Flathead 80 fixtures, car commercial shoot



Bill Brennan

VistaBeam® fixtures, live sports TV broadcast



Rolf Kestermann

VistaBeam® fixtures as key, TV commercial



Robert Esmund

4Bank fixtures, as practical lights, *Mission Impossible III*



4bank systems, on location



Keith Woods

Image fixtures, feature film



Thomas Kranzle

Flathead 80, commercial shoot on location



Cio Stiano

4Banks rigged in ceiling, fashion production

# Broadcast



Imara® S10 and ParaBeam® fixtures, 1+1 TV broadcast studio

Comel



Diva-Lite® fixtures, TV broadcast studio



ParaBeam® fixtures, TV broadcast studio



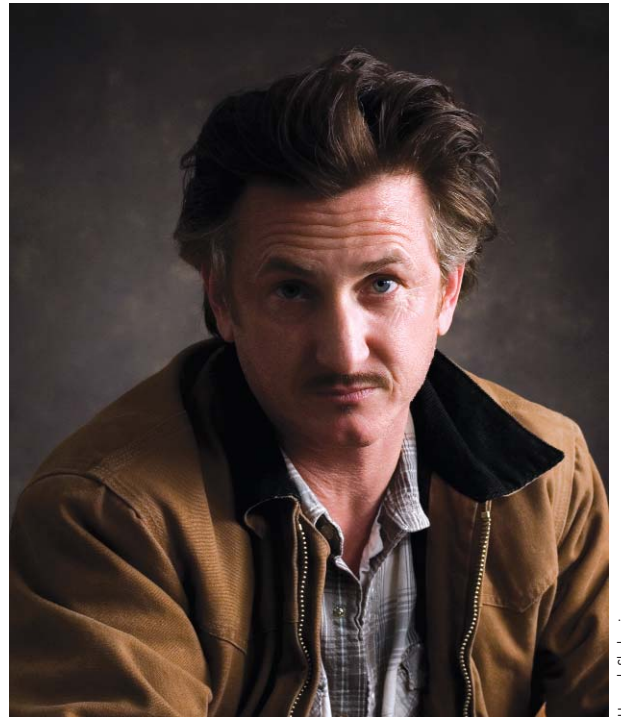
ParaBeam® fixtures, lighting public TV broadcast studio

# Still Photography



Ben Cope

Image fixtures, key and fill lights



Hamesh Shahani

4ft 4Bank key light

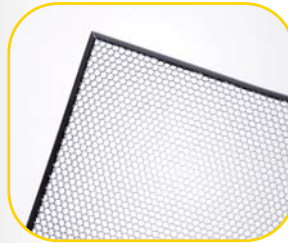


Diva-Lites®, fashion production

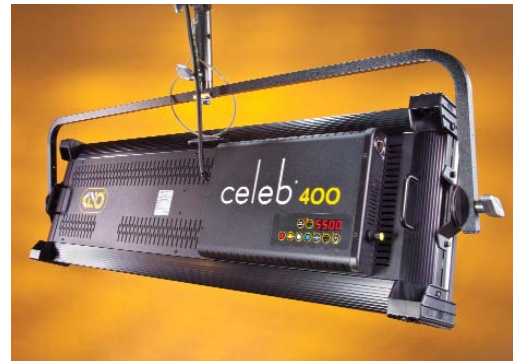


Clickbox Studio





# Celeb® 400 DMX LED



The Celeb® 400 DMX joins Kino Flo's line of LED lighting systems. With soft, even True Match® light quality (CRI 95), the Celeb 400 boasts technical innovations that make it an ideal professional imaging tool: dial-in white light from 2700 to 5500 Kelvin and presets with programmable settings. Light levels do not change when selecting Kelvin settings. The Celeb also includes full range dimming without color shift.

The Celeb 400 DMX operates at universal input from 100VAC-240VAC or battery power. The slim profile fixture produces more lumens than a 1K tungsten softlight, yet uses only 1.8A (120VAC) compared to a tungsten softlight at 8.3A. The Celeb comes with molded accessory holders, removable gel frame and focusing louver.

Features include:

- Kelvin presets and custom settings between 2700-5500K
- Universal input 100VAC-240VAC or 24VDC
- Onboard and DMX dimming
- Flicker-free, dead quiet operation
- Gel Frame and Honeycomb Louver
- Center Mount, Yoke Mount and Pole-Op

## ▼ Celeb 400 DMX LED Center

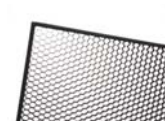


**CEL-400C-120U**  
Celeb 400 DMX  
Center Mount, Univ 120U

**CEL-400C-230U**  
Celeb 400 DMX  
Center Mount, Univ 230U



**GFR-CE4**  
Celeb 400 Gel Frame  
(Included)



**LVR-CE490**  
Celeb 400 Louver 90°  
(Included)



**MTP-LM**  
Kino 81 Lollipop w/  
Junior Pin (28mm)  
(Included)

## ▼ Celeb 400 DMX LED Yoke



**CEL-400Y-120U**  
Celeb 400 DMX  
Yoke Mount, Univ 120U

**CEL-400Y-230U**  
Celeb 400 DMX  
Yoke Mount, Univ 230U

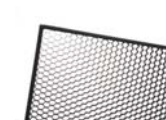


**CEL-400P-120U**  
Celeb 400 DMX  
Pole-Op, Univ 120U

**CEL-400P-230U**  
Celeb 400 DMX  
Pole-Op, Univ 230U



**GFR-CE4**  
Celeb 400 Gel Frame  
(Included)



**LVR-CE490**  
Celeb 400 Louver 90°  
(Included)

▼ Photometrics

	FC	687	220	105	61	40	28	21	16	13	11
	Feet	2	4	6	8	10	12	14	16	18	20
<b>Celeb 400</b>	LUX	9800	3423	1647	958	634	442	331	258	208	168
	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

▼ Fixture Specifications

Fixture	Input Voltage VAC	Amps VAC	Input Voltage VDC	Amps VDC	Kelvin Range	Dimming Range	Dimensions	Weight
<b>Celeb 400 DMX Center</b>	100-240VAC, 50/60Hz, 210W	1.8A	18-28VDC, 198W	8.25A	2700-5500	100%-1%	45 x 14 x 5" (114.5 x 36 x 13cm)	26 lb (12kg)
<b>Celeb 400 DMX Center</b>	240-100VAC, 50/60Hz, 207W	1.0A	18-28VDC, 198W	8.25A	2700-5500	100%-1%	45 x 14 x 5" (114.5 x 36 x 13cm)	26 lb (12kg)
<b>Celeb 400 DMX Yoke</b>	100-240VAC, 50/60Hz, 210W	1.8A	18-28VDC, 198W	8.25A	2700-5500	100%-1%	50 x 16.5 x 5" (127 x 42 x 13cm)	26 lb (12kg)
<b>Celeb 400 DMX Yoke</b>	240-100VAC, 50/60Hz, 207W	1.0A	18-28VDC, 198W	8.25A	2700-5500	100%-1%	50 x 16.5 x 5" (127 x 42 x 13cm)	26 lb (12kg)

▼ Details



Bill Roe



Bill Roe



Bill Roe

▼ Celeb 400 DMX LED Kits



**KIT-C4-120U**  
Celeb 400 DMX Center Mount Kit, Univ 120U



**KIT-C4Y-120U**  
Celeb 400 DMX Yoke Mount Kit, Univ 120U

**KIT-C4-230U**  
Celeb 400 DMX Center Mount Kit, Univ 230U

**KIT-C4Y-230U**  
Celeb 400 DMX Yoke Mount Kit, Univ 230U

**Contents**  
1 Celeb 400 DMX Center  
1 Ship Case

**Dimensions**  
51 x 9.5 x 19"  
(129.5 x 24 x 48.5cm)

**Weight**  
48 lb (22kg)

**Contents**  
1 Celeb 400 DMX Yoke  
1 Jr. Pin  
1 Ship Case

**Dimensions**  
53.5 x 9 x 23.5"  
(136 x 23 x 60cm)

**Weight**  
53 lb (24kg)

▼ Celeb 400 DMX LED Accessories/ Cases



**BRD-CE4**  
Celeb 400 Barndoors  
(Set of 4)



**LVR-CE460**  
Celeb 400 Louver 60°



**MTP-180**  
Junior Pin Assembly  
for Yoke (28mm)



**7010045**  
Celeb 400  
Yoke Assembly



**7010046**  
Celeb 400  
Pole-Op Assembly



**KAS-CE4**  
Celeb 400 Center Ship Case

**KAS-CE4-Y**  
Celeb 400 Yoke Ship Case

# Celeb® 200 DMX LED



The Celeb® 200 DMX LED fixture features the cool, energy efficient qualities that lighting professionals have come to expect from Kino Flo. The Celeb also boasts technical innovations that make it an ideal professional imaging tool: dial-in white light from 2700 to 5500 Kelvin and presets with programmable settings. Light levels do not change when selecting Kelvin settings.

Like the vaunted, award-winning line of portable Kino Flos, the Celeb 200 reproduces color faithfully, beautifully on HD or film, in the studio or on location. The Celeb's 100 Watts of soft, lustrous white light doesn't flicker or shift color temperature when dimmed. The trim, lightweight DMX fixture operates on universal AC power or battery power, and needs only one amp (120VAC) to produce more lumens than a 750W tungsten soft light.

The Celeb's cost savings from low energy and long lamp life continues Kino Flo's reputation as an environmentally friendly lighting company. The Celeb 200 comes complete with molded accessory holders, removable gel frame, focusing louver and choice of Center Mount, Yoke Mount and Pole-op.

Features include:

- Kelvin presets and custom settings between 2700-5500K
- Universal input 100VAC-240VAC or 24VDC
- Onboard and DMX dimming
- Flicker-free, dead quiet operation
- Gel Frame and Honeycomb Louver
- Center Mount, Yoke Mount and Pole-Op

## ▼ Celeb 200 DMX LED Center



**CEL-200C-120U**  
Celeb 200 DMX  
Center Mount, Univ 120U

**CEL-200C-230U**  
Celeb 200 DMX  
Center Mount, Univ 230U



**GFR-CE2**  
Celeb 200 Gel Frame  
(Included)



**LVR-CE290-P**  
Celeb 200 Louver/HP, 90°  
(Included)



**MTP-1B**  
Kino 41 Lollipop w/  
Baby Receiver (16mm)  
(Included)

## ▼ Celeb 200 DMX LED Yoke



**CEL-200Y-120U**  
Celeb 200 DMX  
Yoke Mount, Univ 120U

**CEL-200Y-230U**  
Celeb 200 DMX  
Yoke Mount, Univ 230U



**CEL-200P-120U**  
Celeb 200 DMX  
Pole-Op, Univ 120U

**CEL-200P-230U**  
Celeb 200 DMX  
Pole-Op, Univ 230U



**GFR-CE2**  
Celeb 200 Gel Frame  
(Included)



**LVR-CE290-P**  
Celeb 200 Louver/HP, 90°  
(Included)

▼ Photometrics

FC	349	95	45	24	16	11	8	6	5	4
Feet	2	4	6	8	10	12	14	16	18	20
<b>Celeb 200</b>										
LUX	5501	1507	678	381	245	172	127	98	77	63
Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

▼ Fixture Specifications

Fixture	Input Voltage VAC	Amps VAC	Input Voltage VDC	Amps VDC	Kelvin Range	Dimming Range	Dimensions	Weight
<b>Celeb 200 DMX Carrier</b>	100-240VAC, 50/60Hz, 100W	0.96A	18-28VDC, 100W	4A	2700-5500	100%-1%	24 x 14 x 5" (61 x 35.5 x 12.7cm)	15 lb (6.8kg)
<b>Celeb 200 DMX Carrier</b>	240-100VAC, 50/60Hz, 100W	0.54A	18-28VDC, 100W	4A	2700-5500	100%-1%	24 x 14 x 5" (61 x 35.5 x 12.7cm)	15 lb (6.8kg)
<b>Celeb 200 DMX Yoke</b>	100-240VAC, 50/60Hz, 100W	0.96A	18-28VDC, 100W	4A	2700-5500	100%-1%	28.5 x 16.5 x 5" (72.3 x 42 x 12.7cm)	16 lb (7.3kg)
<b>Celeb 200 DMX Yoke</b>	240-100VAC, 50/60Hz, 100W	0.54A	18-28VDC, 100W	4A	2700-5500	100%-1%	28.5 x 16.5 x 5" (72.3 x 42 x 12.7cm)	16 lb (7.3kg)

▼ Details



Checco Varese



Matt Libatique



Mike Bauman/Mihai Malaimare

▼ Celeb 200 DMX LED Kit



**KIT-C2-120U**  
Celeb 200 DMX Center Mount Kit, Univ 120U

**KIT-C2-230U**  
Celeb 200 DMX Center Mount Kit, Univ 230U

**Contents**  
1 Celeb 200 DMX Center  
1 Flight Case

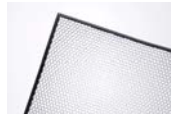
**Dimensions**  
29 x 10.5 x 17"  
(74 x 27 x 43cm)

**Weight**  
31 lb (14kg)

▼ Celeb 200 DMX LED Accessories/ Cases



**BRD-CE2**  
Celeb 200 Barndoors  
(Set of 4)



**LVR-CE260-P**  
Celeb 200 Louver/HP, 60°



**MTP-180**  
Junior Pin Assembly  
for Yoke (28mm)



**MTP-140**  
Baby Receiver Assembly  
for Yoke (16mm)



**MTP-B41F**  
Kino Offset w/ Baby Receiver  
(16mm)



**MTP-CE**  
Celeb 200 Mount w/ Pin



**STD-M30**  
Medium Duty, 30"



**STD-M36**  
Medium Duty, 36"



**7010032**  
Celeb 200  
Yoke Assembly



**7010038**  
Celeb 200  
Pole-Op Assembly



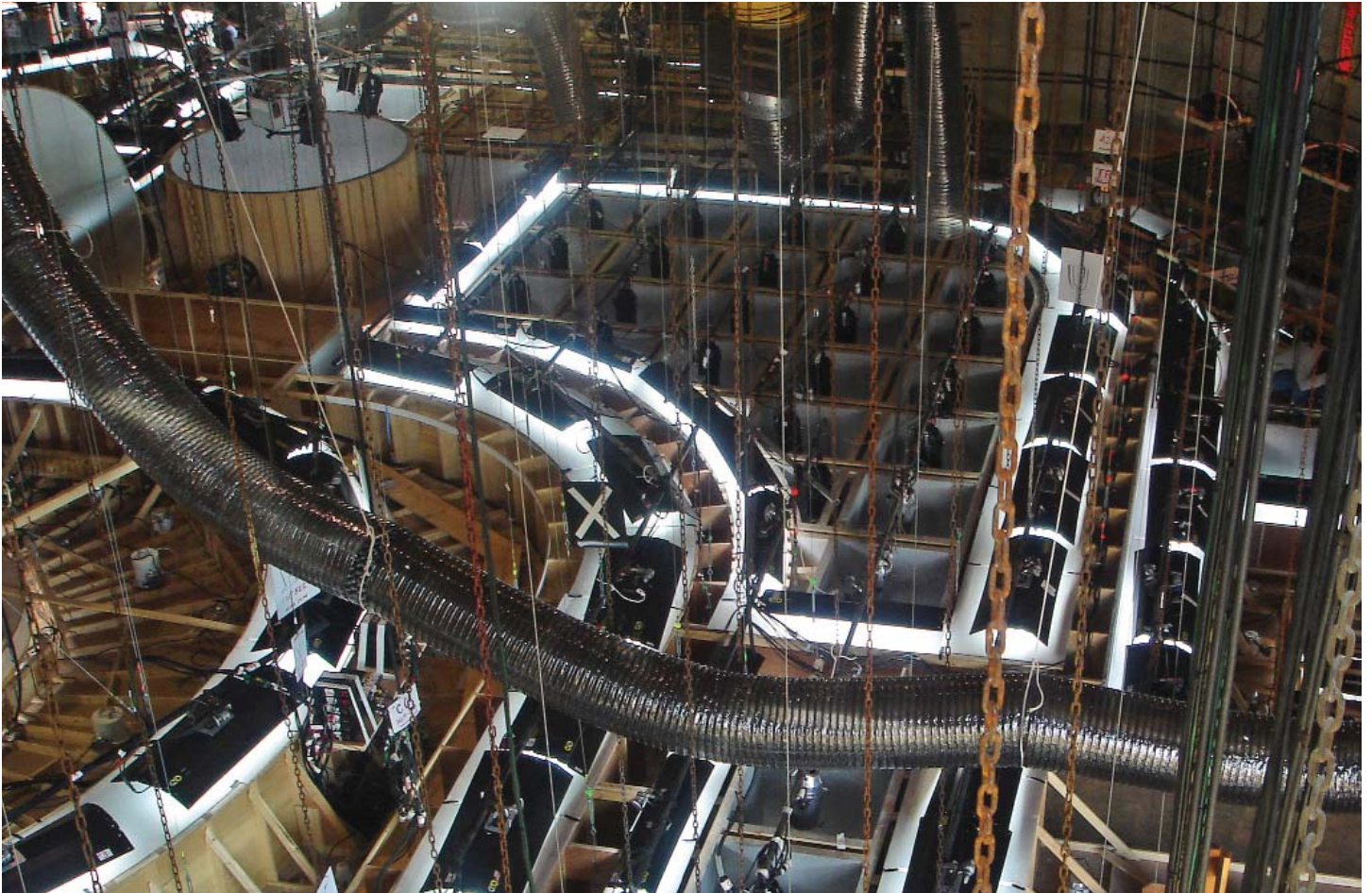
**KAS-CE2**  
Celeb 200 Flight Case



**KAS-CE2-C**  
Celeb 200 Travel Case



4ft 4Banks, on location set



Robert Esmurds

4Bank fixtures, as practical lights, Mission Impossible III

# Fixtures w/ Remote Ballasts ▶



# 4Bank Select/DMX



Our award-winning 4ft 4Bank portable lighting systems have changed the way professionals light everything from feature films to television productions to video and still photography. Why? Because they are the most versatile softlights on the market.

The 4Bank is similar to a 1,000 Watt softlight, but uses 1/2 the power. Color temperature doesn't shift when the light levels change. Lamps are long lived and operate outside the fixture. The fixtures are lightweight enough to tape to a wall. Here are some 4Bank basics:

## The 4-Lamp Fixture

- Built-in Barndoors
- Removable Lamp Harness, Reflector and Louver
- Twist-on, locking Center Mount
- True Match® daylight and tungsten lamps

## The High Output Ballast

- Select and Select/DMX
- HO/Standard switching
- Flicker-free, remote operation
- Individual lamp control
- Instant-on, dead quiet

## ▼ 4Bank Systems



**CFX-4804**  
4ft Fixture



**CFX-2404**  
2ft Fixture



**X16-25**  
Extension, 25ft



**BAL-455-120**  
Select/DMX Ballast, 120VAC



**BAL-455-230**  
Select/DMX Ballast, 230VAC

**BAL-415-120**  
Select Ballast, 120VAC

**BAL-415-230**  
Select Ballast, 230VAC



## ▼ Photometrics

<b>4ft 4Bank</b>	FC	531	173	84	49	32	22.5	17	13	10.5	8.5
	Feet	2	4	6	8	10	12	14	16	18	20
<b>2ft 4Bank</b>	FC	232	65	29	17	11	7.5	5.5	4.5	3.5	3
	Feet	2	4	6	8	10	12	14	16	18	20

<b>4ft 4Bank</b>	LUX	7407	2599	1303	775	503	356	267	208	168	135
	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5
<b>2ft 4Bank</b>	LUX	3413	966	456	265	170	119	88	69	55	44
	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

## ▼ Fixture Specifications

Fixture	Lamps	Lamp Type	Dimensions	Weight w/ Lamps
<b>4ft 4Bank</b>	4	F75/T12	52 x 13 x 3.5" w/ 6.5" barndoors (132 x 33 x 9cm w/ 16.5cm barndoors)	11.5 lb (5.2kg)
<b>2ft 4Bank</b>	4	F40/T12	27 x 13 x 3.5" w/ 6.5" barndoors (69 x 33 x 9cm w/ 16.5cm barndoors)	7.5 lb (3.4kg)

## ▼ Ballast Specifications

Ballast	Input Voltage	Output Frequency	Amperage	Lamp Switching	Output Switching	Dimensions	Weight
<b>4Bank Select</b>	120VAC 50/60Hz	25kHz	F75/5.0A F40/3.5A	1-4	2ft/4ft	13 x 9.5 x 3" (33 x 24 x 7.6cm)	5.5 lb (2.5kg)
<b>4Bank Select</b>	230VAC 50/60Hz	25kHz	F75/2.5A F40/1.8A	1-4	2ft/4ft	13 x 9.5 x 3" (33 x 24 x 7.6cm)	5.9 lb (2.7kg)
<b>4Bank DMX</b>	120VAC 50/60Hz	25kHz	F75/5.0A F40/3.5A	1-4	2ft/4ft	12.5 x 12.5 x 2.5" (32 x 32 x 6.5cm)	6.3 lb (2.9kg)
<b>4Bank DMX</b>	230VAC 50/60Hz	25kHz	F75/2.5A F40/1.8A	1-4	2ft/4ft	12.5 x 12.5 x 2.5" (32 x 32 x 6.5cm)	6.8 lb (3.1kg)

## ▼ Details



## ▼ 4Bank Accessories



## ▼ Gallery



Rodney Charters, David St. Onge

## ▼ 4Bank/ Gaffer Kits



**KIT-26F-120**  
Gaffer Kit, 120VAC (2-Unit)

**KIT-26F-X120**  
Gaffer DMX Kit, 120VAC (2-Unit)

**KIT-4804B-120**  
4ft 4Bank Kit, 120VAC (1-Unit)

**KIT-26F-230**  
Gaffer Kit, 230VAC (2-Unit)

**KIT-26F-X230**  
Gaffer DMX Kit, 230VAC (2-Unit)

**KIT-4804B-230**  
4ft 4Bank Kit, 230VAC (1-Unit)

**Contents**  
2 4ft 4Bank 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 55m)  
**Weight**  
73.5 lb (33.5kg)

**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 55cm)  
**Weight**  
75.5 lb (34kg)

**Contents**  
1 4ft 4Bank System  
w/ MTP-BL41 Mount  
1 Lamp Case  
1 Soft Case

**Dimensions**  
55 x 8 x 19.5"  
(140 x 20.5 x 49.5cm)  
**Weight**  
26 lb (12kg)

## ▼ 4Bank Cases



# 4Bank Kits

## ▼ 4Bank/ Gaffer Kits



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

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

Contents	Dimensions
2 4ft 4Bank System w/ MTP-BL41 Mount	56.5 x 13 x 21.5" (143.5 x 33 x 55cm)
2 Lamp Case	<b>Weight</b>
1 Gaffer Ship Case	73.5 lb (33.5kg)



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

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

Contents	Dimensions
2 4ft 4Bank DMX System w/ MTP-BL41 Mount	56.5 x 13 x 21.5" (143.5 x 33 x 55cm)
2 Lamp Case	<b>Weight</b>
1 Gaffer Ship Case	75.5 lb (34kg)



**KIT-4804B-120**  
4ft 4Bank Kit, 120VAC (1-Unit) w/ Soft Case

**KIT-4804B-230**  
4ft 4Bank Kit, 230VAC (1-Unit) w/ Soft Case

Contents	Dimensions
1 4ft 4Bank System w/ MTP-BL41 Mount	55 x 8 x 19.5" (140 x 20.5 x 49.5cm)
1 Lamp Case	<b>Weight</b>
1 Soft Case	26 lb (12kg)

## ▼ 4Bank/ Interview Kits



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

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

Contents	Dimensions
2 2ft 4Bank System w/ MTP-BL41 Mount	35.5 x 13 x 22" (90 x 33 x 56cm)
2 Lamp Case	<b>Weight</b>
1 Interview Ship Case	57.5 lb (26kg)



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

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

Contents	Dimensions
2 2ft 4Bank DMX System w/ MTP-BL41 Mount	35.5 x 13 x 22" (90 x 33 x 56cm)
2 Lamp Case	<b>Weight</b>
1 Interview Ship Case	59.5 lb (27kg)



**KIT-2404B-120**  
2ft 4Bank Kit, 120VAC (1-Unit) w/ Soft Case

**KIT-2404B-230**  
2ft 4Bank Kit, 230VAC (1-Unit) w/ Soft Case

Contents	Dimensions
1 2ft 4Bank System w/ MTP-BL41 Mount	28.5 x 7.5 x 20" (72.5 x 19 x 51cm)
1 Lamp Case	<b>Weight</b>
1 Soft Case	20.5 lb (9.5kg)

## ▼ Interview Kit (3-Unit)



**KIT-3NT-120**  
Interview Kit, 120VAC (3-Unit)

**KIT-3NT-230**  
Interview Kit, 230VAC (3-Unit)

Contents	Dimensions
1 2ft 4Bank System w/ MTP-BL41 Mount	35.5 x 13 x 23" (90 x 33 x 58.5cm)
2 2ft Double System w/ MTP-BL41 Mount	<b>Weight</b>
2 Lamp Case	64 lb (29kg)
1 Interview Ship Case	

# Flathead 80 Select/DMX



**W**hat is a Flathead 80? Basically, the Flathead 80 is a hybrid Kino Flo. Its design adds flexibility and versatility of the popular 4Bank portable system to the oversized soft light quality you'd expect from a large fixture like the Image 87. It can be hand-held, mounted on a light stand or hoisted from rigging points to work as a cool, energy efficient coop light. Here are some standard features:

### The 8-Lamp Fixture

- Aluminum alloy fixture housing
- Reflector, Gel Frame, Louver
- Twist-on locking Center Mount
- True Match® daylight, tungsten

### The High Output Ballast (x2)

- Select and Select/DMX
- HO/Standard switching
- Flicker-free, remote operation
- Individual lamp control

## ▼ Flathead 80 System



**CFX-4808**  
Flathead 80 Fixture  
w/ Gel Frame and  
Louver/Silver



**MTP-K81**  
Kino 81 Mount  
w/ Junior Pin (28mm)



**X16-25**  
Extension, 25ft (x2)



**BAL-455-120**  
Select/DMX Ballast, 120VAC (x2)



**BAL-415-120**  
Select Ballast, 120VAC (x2)

**BAL-415-230**  
Select Ballast, 230VAC (x2)

## ▼ Photometrics

### Flathead 80

FC	930	325	160	94	61	44	33	26	20	17
Feet	2	4	6	8	10	12	14	16	18	20
LUX	12490	4748	2412	1443	958	678	505	394	320	265
Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

## ▼ Fixture Specifications

Fixture	Lamps	Lamp Type	Dimensions	Weight w/ Lamps
Flathead 80	8	F75/T12	51 x 24 x 4" (129.5 x 61 x 10cm)	27 lb (12kg)

## ▼ Ballast Specifications

Ballast	Input Voltage	Output Frequency	Amperage	Lamp Switching	Output Switching	Dimensions	Weight
4Bank Select (x2)	120VAC 50/60Hz	25kHz	2 x 5.0A = 10A	1-4	2ft/4ft	13 x 9.5 x 3" (33 x 24 x 7.6cm)	5.5 lb (2.5kg)
4Bank Select (x2)	230VAC 50/60Hz	25kHz	2 x 2.5A = 5.0A	1-4	2ft/4ft	13 x 9.5 x 3" (33 x 24 x 7.6cm)	5.9 lb (2.7kg)
4Bank DMX (x2)	120VAC 50/60Hz	25kHz	2 x 5.0A = 10A	1-4	2ft/4ft	12.5 x 12.5 x 2.5" (32 x 32 x 6.5cm)	6.3 lb (2.9kg)
4Bank DMX (x2)	230VAC 50/60Hz	25kHz	2 x 2.5A = 5.0A	1-4	2ft/4ft	12.5 x 12.5 x 2.5" (32 x 32 x 6.5cm)	6.8 lb (3.1kg)

## ▼ Gallery



Ossie Jung

## ▼ Flathead 80 Kit



**KIT-F80-1/120**  
Flathead 80 Select Kit, 120VAC

**KIT-F80-1/230**  
Flathead 80 Select Kit, 230VAC

**Contents**  
1 Flathead 80 Select System  
1 Ship Case

**Dimensions**  
57 x 10.5 x 29"  
(145 x 27 x 74cm)  
**Weight**  
83 lb (38kg)

## ▼ Flathead 80 DMX Kit



**KIT-F80-X1/120**  
Flathead 80 DMX Kit, 120VAC

**KIT-F80-X1/230**  
Flathead 80 DMX Kit, 230VAC

**Contents**  
1 Flathead 80 DMX System  
1 Ship Case

**Dimensions**  
57 x 10.5 x 29"  
(145 x 27 x 74cm)  
**Weight**  
85 lb (39kg)

# Double



## ▼ Photometrics

	4ft Double										
	FC	290	94	45	26	17	12	9	7	5.5	4.5
Feet	2	4	6	8	10	12	14	16	18	20	
	2ft Double										
	FC	129	35	16	9	6	4	3	2.3	1.8	1.5
Feet	2	4	6	8	10	12	14	16	18	20	

	4ft Double										
	LUX	4005	1386	624	408	266	188	141	110	88	71
Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	
	2ft Double										
	LUX	1927	532	251	142	92	65	47	37	29	24
Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	

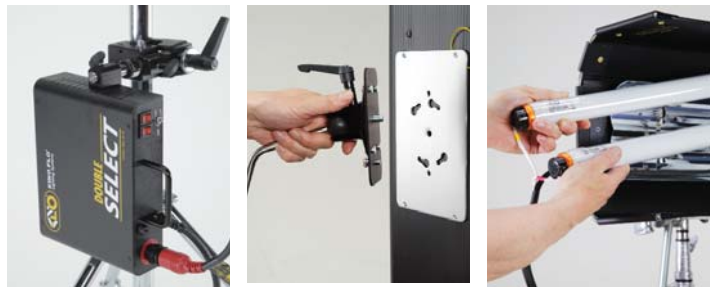
## ▼ Fixture Specifications

Fixture	Lamps	Lamp Type	Dimensions	Weight w/ Lamps
4ft Double	2	F75/T12	52 x 7.5 x 3.5" w/ 6" barndoors (132 x 19 x 9cm w/ 15cm barndoors)	7.7 lb (3.5kg)
2ft Double	2	F40/T12	27 x 7.5 x 3.5" w/ 6" barndoors (68.5 x 19 x 9cm w/ 15cm barndoors)	4.7 lb (2.1kg)

## ▼ Ballast Specifications

Ballast	Input Voltage	Output Frequency	Amperage	Lamp Switching	Output Switching	Dimensions	Weight
Double Select	120VAC 50/60Hz	25kHz	F75/2.6A F40/1.8A	1-2	2ft/4ft	9 x 9.5 x 3" (23 x 24 x 7.6cm)	3.5 lb (1.5kg)
Double Select	230VAC 50/60Hz	25kHz	F75/1.3A F40/0.9A	1-2	2ft/4ft	9 x 9.5 x 3" (23 x 24 x 7.6cm)	3.8 lb (1.7kg)

## ▼ Details



The popular Double portable lighting system needs no introduction. The trim profile of the fixture and lightweight design makes it perfect for both soft key and fill lighting in tight locations. Key features are:

### The 2-Lamp Fixture

- Built-in Barndoors
- Removable Lamp Harness, Reflector and Louver
- Twist-on, locking Center Mount
- True Match® daylight and tungsten lamps

### The High Output Ballast

- HO/Standard switching
- Flicker-free, remote operation
- Instant-on, dead quiet

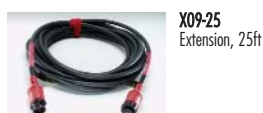
## ▼ Double Systems



**CFX-4802**  
4ft Fixture



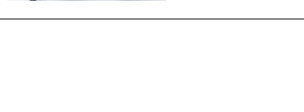
**CFX-2402**  
2ft Fixture



**MTP-KL41**  
Kino 41L Mount  
w/ 3/8" Pin (10mm)



**X09-25**  
Extension, 25ft



**BAL-215-120**  
Select Ballast, 120VAC

**BAL-215-230**  
Select Ballast, 230VAC

## ▼ Double Accessories



**DFS-4802**  
4ft Flozier, Full



**DFS-4802-H**  
4ft Flozier, Half



**DFS-D2**  
2ft Flozier, Full

**DFS-D2-H**  
2ft Flozier, Half



**MTP-BL41**  
Kino 41L Mount  
w/ Baby Receiver (16mm)

**MTP-BL41S**  
Kino 41L Mount  
w/ Baby Short (16mm)



**MTP-BAL**  
Kino Ballast Baby Mount  
(16mm)



**X09-12**  
Extension, 12ft



**X09-44**  
Double to Single Splitter



**X09-A16**  
Double to 4Bank Combiner

# Single



## ▼ Photometrics

### 4ft Single

FC	171	56	27	15.5	10	7	5	4	3	2.5
Feet	2	4	6	8	10	12	14	16	18	20

### 2ft Single

FC	62	17	7.5	4.5	3	2	1.5	1	0.9	0.7
Feet	2	4	6	8	10	12	14	16	18	20

### 4ft Single

LUX	2379	817	409	239	155	109	81	62	50	40
Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

### 2ft Single

LUX	969	262	125	71	45	32	24	18	14	12
Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

## ▼ Fixture Specifications

Fixture	Lamp	Lamp Type	Dimensions	Weight w/ Lamp
4ft Single	1	F75/T12	52 x 4.5 x 3.5" w/ 3.5" barndoors (132 x 11.5 x 9cm w/ 9cm barndoors)	4.3 lb (1.9kg)
2ft Single	1	F40/T12	27 x 4.5 x 3.5" w/ 3.5" barndoors (69 x 11.5 x 9cm w/ 9cm barndoors)	2.7 lb (1.2kg)

## ▼ Ballast Specifications

Ballast	Input Voltage	Output Frequency	Amperage	Lamp Switching	Output Switching	Dimensions	Weight
Single Select	120VAC 50/60Hz	25kHz	F75/1.3A, F40/0.9A, F30/0.7A	1-Off	2ft/4ft	11 x 2.5 x 2.5" (28 x 6.5 x 6.5cm)	2 lb (0.9kg)
Single Select	230VAC 50/60Hz	25kHz	F75/0.7A, F40/0.5A, F30/0.4A	1-Off	2ft/4ft	10.5 x 4 x 3" (26.5 x 10 x 7.6cm)	2.6 lb (1.2kg)

## ▼ Details



The Single portable lighting system comes in a slender package but delivers ample light for challenging spaces such as set practicals or auto interiors. Single systems feature:

### The 1-Lamp Fixture

- Built-in Barndoors
- Removable Lamp Harness, Reflector and Louver
- Twist-on, locking Center Mount
- True Match® daylight and tungsten lamps

### The High Output Ballast

- HO/Standard switching
- Flicker-free, remote operation
- Instant-on, dead quiet

## ▼ Single Systems



**CFX-4801**  
4ft Fixture



**CFX-2401**  
2ft Fixture



**X04-25**  
Extension, 25ft



**BAL-105-S120**  
Select Ballast, 120VAC

**BAL-115-230**  
Select Ballast, 230VAC

## ▼ Single Accessories



**MTP-BL41**  
Kino 41L Mount  
w/ Baby Receiver (16mm)



**MTP-BL41S**  
Kino 41L Mount  
w/ Baby Short (16mm)



**MTP-BAL**  
Kino Ballast Baby Mount  
(16mm)



**X04-12**  
Extension, 12ft



**X04-A9**  
Single to Double Combiner



**X04-A16**  
Single to 4Bank Combiner

# Mega 4Bank DMX



The 8ft and 6ft Mega 4Bank DMX lighting systems are the largest portable soft lights designed by Kino Flo. They give the cinematographer or lighting designer a unique soft light that cannot be easily duplicated with traditional luminaires. Lightweight and cool in operation, they can be hand-held, attached directly to a set wall, or stand mounted.

## The 4-Lamp Mega Fixture

- Built-in Barndoors
- Removable Reflector, Louver and Lamp Harness
- Twist-on locking Center Mount
- True Match® daylight, tungsten

## The High Output Ballast

- Mega 4Bank DMX
- Flicker-free, HO/Std switching
- Individual lamp control
- Instant-on, dead quiet
- Remote operation

## ▼ Mega 4Bank DMX Systems



**CFX-9604**  
8ft Fixture



**CFX-7204**  
6ft Fixture



**X19-25M**  
Extension, 25ft



**BAL-455-M120**  
Mega DMX Ballast, 120VAC

**BAL-455-M230**  
Mega DMX Ballast, 230VAC

## ▼ Photometrics

8ft 4Bank	FC	579	247	136	84	57	41	31	24	20	16.5
Feet	2	4	6	8	10	12	14	16	18	20	

6ft 4Bank	FC	543	208	105	63	42	30	22.5	17	14	11.5
Feet	2	4	6	8	10	12	14	16	18	20	

8ft 4Bank	LUX	7708	3552	1981	1260	861	624	477	377	306	250
Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	

6ft 4Bank	LUX	7224	3007	1583	958	646	461	347	272	220	178
Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	

## ▼ Fixture Specifications

Fixture	Lamps	Lamp Type	Dimensions	Weight w/ Lamps
8ft Mega 4Bank	4	F120/T12	97 x 13 x 3.5" w/ 3.5" barndoors (246.5 x 33 x 9cm w/ 9cm barndoors)	21.8 lb (9.8kg)
6ft Mega 4Bank	4	F100/T12	73.5 x 13 x 3.5" w/ 3.5" barndoors (186.5 x 33 x 9cm w/ 9cm barndoors)	18.5 lb (8.3kg)

## ▼ Ballast Specifications

Ballast	Input Voltage	Output Frequency	Amperage	Lamp Switching	Output Switching	Dimensions	Weight
Mega 4Bank DMX	120VAC 50/60Hz	25kHz	F120/7.0A F100/6.4A	1-4	HO/Std	13 x 12.5 x 2.5" (33 x 32 x 6.5cm)	6.5 lb (2.9kg)
Mega 4Bank DMX	230VAC 50/60Hz	25kHz	F120/3.5A F100/3.2A	1-4	HO/Std	13 x 12.5 x 2.5" (33 x 32 x 6.5cm)	6.8 lb (3.1kg)

## ▼ Details



## ▼ Mega 4Bank Accessories



**MTP-BAL**  
Kino Ballast Baby Mount  
(16mm)



**KAS-96L**  
8ft Fixture Ship Case



**X19-A7M**  
Mega 4Bank to Mega Single  
Splitter



**KAS-96**  
8ft Lamp Ship Case



**X19-A9M**  
Mega 4Bank to Mega Double  
Splitter



**KAS-72**  
6ft Lamp Ship Case



**KAS-KFC**  
Ballast and Cable Crate  
with Lid

# Mega Double



## ▼ Photometrics

8ft Double	FC	314	132	73	45	30	22	16.5	13	10.5	8.5
	Feet	2	4	6	8	10	12	14	16	18	20

6ft Double	FC	292	111	55	33	22	16	12	9	7	6
	Feet	2	4	6	8	10	12	14	16	18	20

8ft Double	LUX	4166	1906	1055	678	458	331	254	200	163	131
	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

6ft Double	LUX	3983	1597	829	506	337	241	182	142	114	92
	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

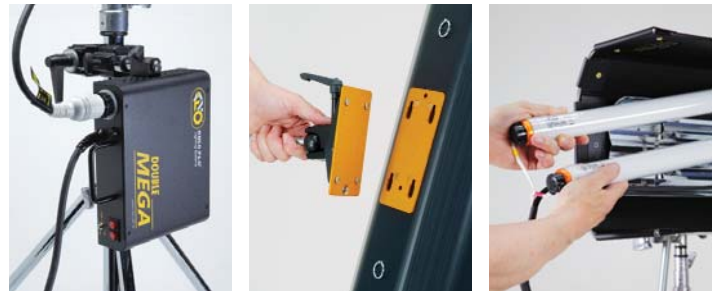
## ▼ Fixture Specifications

Fixture	Lamps	Lamp Type	Dimensions	Weight w/ Lamps
8ft Mega Double	2	F120/T12	97 x 7.5 x 3.5" w/ 3.5" barndoors (246.5 x 19 x 9cm w/ 9cm barndoors)	10 lb (4.5kg)
6ft Mega Double	2	F100/T12	73.5 x 7.5 x 3.5" w/ 3.5" barndoors (186.5 x 19 x 9cm w/ 9cm barndoors)	9.2 lb (4.1kg)

## ▼ Ballast Specifications

Ballast	Input Voltage	Output Frequency	Amperage	Lamp Switching	Output Switching	Dimensions	Weight
Mega Double	120VAC 50/60Hz	25kHz	F120/3.7A F100/3.1A	1-2	HO/Std	9.5 x 9 x 3" (24 x 23 x 7.6cm)	3.5 lb (1.6kg)
Mega Double	230VAC 50/60Hz	25kHz	F120/2.2A F100/1.7A	1-2	HO/Std	9.5 x 9 x 3" (24 x 23 x 7.6cm)	4.2 lb (1.9kg)

## ▼ Details



The 8ft and 6ft Mega Double portable lighting systems are ideal for practical lighting in large areas such as warehouses or super markets where they can reproduce natural ambient light. Mega Double features:

### The 2-Lamp Mega Fixture

- Built-in Barndoors
- Removable Reflector, Louver and Lamp Harness
- Slide-on Center Mount
- True Match® daylight, tungsten

### The High Output Ballast

- Flicker-free, remote lamp control
- HO/Standard switching
- Instant-on, dead quiet
- Remote operation

## ▼ Mega Double Systems



**CFX-9602**  
8ft Fixture



**CFX-7202**  
6ft Fixture



**MTP-KM**  
Kino 81 Slide-on Mount  
w/ Junior Pin (28mm)



**X09-25M**  
Extension, 25ft



**BAL-215-M120**  
Mega Ballast, 120VAC

**BAL-215-M230**  
Mega Ballast, 230VAC

## ▼ Mega Double Accessories



**MTP-BAL**  
Kino Ballast Baby Mount  
(16mm)



**X09-A7M**  
Mega Double to Mega Single  
Splitter



**X09-A19M**  
Mega Double to Mega 4Bank  
Combiner

# Mega Single



## ▼ Photometrics

8ft Single	FC	185	77	41	25	17	12	9	7	6	5
	Feet	2	4	6	8	10	12	14	16	18	20

6ft Single	FC	160	60	30	18	12	8	6	5	4	3
	Feet	2	4	6	8	10	12	14	16	18	20

8ft Single	LUX	2465	1089	603	379	259	188	143	113	91	74
	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

6ft Single	LUX	2164	867	452	272	182	130	98	76	61	49
	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

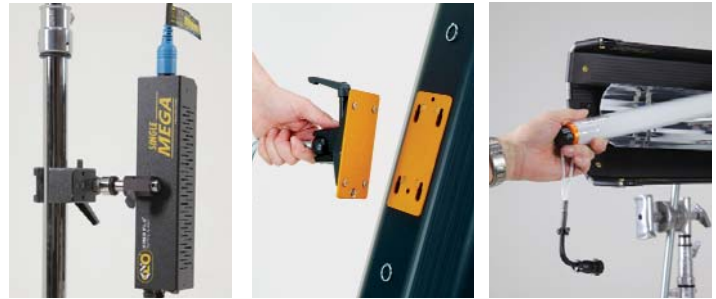
## ▼ Fixture Specifications

Fixture	Lamp	Lamp Type	Dimensions	Weight w/ Lamp
8ft Mega Single	1	F120/T12	97 x 4.5 x 3.5" w/ 3.5" barndoors (246.5 x 11.5 x 9cm w/ 9cm barndoors)	6.8 lb (3.1kg)
6ft Mega Single	1	F100/T12	73.5 x 4.5 x 3.5" w/ 3.5" barndoors (186.5 x 11.5 x 9cm w/ 9cm barndoors)	6.3 lb (2.8kg)

## ▼ Ballast Specifications

Ballast	Input Voltage	Output Frequency	Amperage	Lamp Switching	Output Switching	Dimensions	Weight
Mega Single	120VAC 50/60Hz	25kHz	F120/2.2A F100/1.6A	1-Off	HO/Std	11 x 2.5 x 2.5" (28 x 6.5 x 6.5cm)	2.1 lb (0.9kg)
Mega Single	230VAC 50/60Hz	25kHz	F120/1.1A F100/0.9A	1-Off	HO/Std	10.5 x 4 x 3" (26.5 x 10 x 7.6cm)	2.7 lb (1.2kg)

## ▼ Details



The 8ft and 6ft Mega Single portable lighting systems can be seen most often as built-in set design lights for feature film, commercial production and music videos. The Mega Single systems feature:

### The 1-Lamp Mega Fixture

- Built-in Barndoors
- Removable Reflector, Louver and Lamp Harness
- Slide-on Center Mount
- True Match® daylight, tungsten

### The High Output Ballast

- Flicker-free, remote lamp control
- HO/Standard switching
- Instant-on, dead quiet
- Remote operation

## ▼ Mega Single Systems



**CFX-9601**  
8ft Fixture



**CFX-7201**  
6ft Fixture



**MTP-KM**  
Kino 81 Slide-on Mount  
w/ Junior Pin (28mm)



**X07-25M**  
Extension, 25ft



**BAL-105-M120**  
Mega Ballast, 120VAC

**BAL-115-M230**  
Mega Ballast, 230VAC

## ▼ Mega Single Accessories



**MTP-BAL**  
Kino Ballast Baby Mount (16mm)



**X07-A9M**  
Mega Single to Mega Double  
Combiner



**X07-A19M**  
Mega Single to Mega 4Bank  
Combiner



# Vista Single



The new Vista Single location lighting system owes its unique high output beam of soft light to a special lamp and reflector design. Kino Flo has married its hi-lumen 96 Watt lamp with an intensifying, parabolic reflector that produces a Soft Beam twice as bright as the Kino Flo 4ft Single System. The Vista Single combines this efficient output (first used in our ParaBeams and VistaBeams) with fixture, lamp and electronic ballast design features much like those that won Kino Flo an Academy Award for technical achievement for its other modular designs.

### The 1-Lamp Vista Single Fixture

- Built-in Barndoors
- Removable Reflector, Louver and Lamp Harness
- Twist-on locking Center Mount
- Lamp Harness w/ rigging points
- True Match® daylight, tungsten balanced lamps

### The High Output Ballast

- HO/Standard switching
- Flicker-free, remote operation
- Instant-on, dead quiet

## ▼ Photometrics

	FC	346	109	51	29	19	14	10	8	6	5
	Feet	2	4	6	8	10	12	14	16	18	20
<b>Vista Single</b>	LUX	4963	1679	786	463	302	213	160	121	97	80
	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

## ▼ Fixture Specifications

Fixture	Lamp	Lamp Type	Dimensions	Weight w/ Lamp
<b>Vista Single</b>	1	F96/CFL	38.3 x 7.2 x 4.8" w/ 6" barndoors (97.3 x 18.3 x 12.2 cm w/ 15cm barndoors)	6.2 lb (2.8 kg)

## ▼ Ballast Specifications

Ballast	Input Voltage	Output Frequency	Amperage	Lamp Switching	Output Switching	Dimensions	Weight
<b>Vista Single</b>	120VAC 50/60Hz	25kHz	1.7A	1-Off	HO/Std	10.5 x 4 x 2.5" (26.7 x 10.2 x 6.4cm)	2.8 lb (1.3kg)
<b>Vista Single</b>	230VAC 50/60Hz	25kHz	1.1A	1-Off	HO/Std	10.5 x 4 x 2.5" (26.7 x 10.2 x 6.4cm)	2.8 lb (1.3kg)

## ▼ Details



Twist-on Mount

Fixture on Stand

Mounted on Surface

## ▼ Vista Single Kits



### KTF-V102-120

Vista Single Kit, 120VAC (2-Unit)

### KTF-V102-230

Vista Single Kit, 230VAC (2-Unit)

#### Contents

- 2 Vista Single Fixture
- 2 Vista Single Ballast
- 2 Mount
- 2 Extension, 25ft
- 2 Vista Single Louver 90°
- 2 Vista Single Louver 60°
- 1 Louver Case
- 1 Lamp Case
- 1 Ship Case

#### Dimensions

42 x 12.5 x 17"  
(107 x 32 x 43cm)

#### Weight

48.5 lb (22kg)



### KTF-V101-120

Vista Single Kit, 120VAC (1-Unit) w/ Soft Case

### KTF-V101-230

Vista Single Kit, 230VAC (1-Unit) w/ Soft Case

#### Contents

- 1 Vista Single Fixture
- 1 Vista Single Ballast
- 1 Mount
- 1 Extension, 25ft
- 1 Vista Single Louver 90°
- 1 Lamp Case
- 1 Soft Case

#### Dimensions

40.5 x 10.5 x 16"  
(103 x 27 x 41 cm)

#### Weight

21 lb (9.5kg)

## ▼ Vista Single Kit Components/ Accessories/ Lamps



**CFX-V100**  
Vista Single Fixture  
w/ Louver 90°



**MTP-BL41S**  
Kino 41L Mount  
w/ Baby Short (16mm)  
**MTP-BL41**  
Kino 41L Mount  
w/ Baby Receiver (16mm)



**MTP-KL41**  
Kino 41L Mount  
w/ 3/8" Pin (10mm)



**X07-G125**  
Extension, 25ft



**BAL-125-120**  
Vista Single Ballast, 120VAC  
**BAL-125-230**  
Vista Single Ballast, 230VAC



**LVR-V190**  
Vista Single Louver 90°  
**LVR-V160**  
Vista Single Louver 60°



**KAS-VH02**  
Vista Single  
Ship Case (2-Unit)



**BAG-VH01**  
Vista Single  
Soft Case (1-Unit)



**KAS-VH4**  
Vista Single 4-Louver Carry Case  
**KAS-VH2**  
Vista Single 2-Louver Carry Case  
**KAS-VL4**  
Vista Single 4-Lamp Carry Case



**964-K32**  
96W Kino KF32 Twin  
**964-K55**  
96W Kino KF55 Twin

# Mini-Flo®



The Mini-Flo® System, sometimes called a "car kit," can be found most often lighting nighttime car interiors and other small areas. However, over the years the Mini-Flo's unique lightweight and color control features have endeared it to video and broadcast lighting designers as a cool, efficient chin light for speakers at a podium or news anchors in a TV studio. The Mini-Flo is available with single dimming ballasts, plus a choice of 9" or 12" fixture and lamp sizes. Take a look at our kits and a la carte selections below.

## ▼ Photometrics

<b>Mini-Flo 12"</b>	FC	79	24	11	6	4
	Feet	1	2	3	4	5
<b>Mini-Flo 9"</b>	FC	85	23	10.5	6	4
	Feet	1	2	3	4	5

<b>Mini-Flo 12"</b>	LUX	1227	388	170	98	63
	Meters	0.25	0.5	0.75	1	1.25
<b>Mini-Flo 9"</b>	LUX	1292	368	171	97	62
	Meters	0.25	0.5	0.75	1	1.25

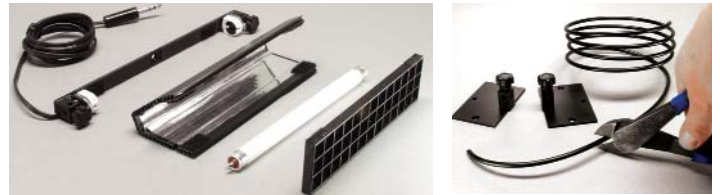
## ▼ Fixture Specifications

Fixture	Lamp	Lamp Type	Dimensions	Weight w/ Lamp
<b>Mini-Flo 12"</b>	1	F8/T5	14 x 2.5 x 3" (35.5 x 6.5 x 7.5cm)	0.5 lb (0.2kg)
<b>Mini-Flo 9"</b>	1	F6/T5	11 x 2.5 x 3" (28 x 6.5 x 7.5cm)	0.4 lb (0.2kg)

## ▼ Ballast Specifications

Ballast	Input Voltage	Output Frequency	Dimming Range	Lamp	Amperage	Dimensions	Weight
<b>Mini-Flo</b>	12VDC	25kHz	100%--15%	1	F8/0.9A F6/0.8A	4.5 x 3.5 x 2" (11.5 x 9 x 5cm)	0.8 lb (0.4kg)

## ▼ Details



## ▼ Mini-Flo Kits



**KIT-139X/12**  
Mini-Flo Kit 12" Universal (2x BAL-139X)

Contents	Dimensions
2 12VDC Mini-Flo Ballast	21.5 x 7.5 x 16"
2 2.4 Amp Universal Power Supply	(55 x 19 x 41cm)
2 12" Fixture	<b>Weight</b>
2 Extension, 12ft	13 lb (6kg)
2 Mount	
1 Flex Arm, 6ft	
1 Alligator Clip Adapter XLR	
1 Car Adapter XLR	
1 Splitter XLR	
1 Travel Case	



**KIT-139X/09**  
Mini-Flo Kit 9" Universal (2x BAL-139X)

Contents	Dimensions
2 12VDC Mini-Flo Ballast	21.5 x 7.5 x 16"
2 2.4 Amp Universal Power Supply	(55 x 19 x 41cm)
2 9" Fixture	<b>Weight</b>
2 Extension, 12ft	13 lb (6kg)
2 Mount	
1 Flex Arm, 6ft	
1 Alligator Clip Adapter XLR	
1 Car Adapter XLR	
1 Splitter XLR	
1 Travel Case	

## ▼ Mini-Flo Kit Components/ Lamps

	<b>CFX-091</b> 9" Fixture		<b>PWC-CX</b> DC Car Adapter XLR, 6ft
	<b>CFX-1201</b> 12" Fixture		<b>PWC-X42</b> Splitter XLR
	<b>X02-12S</b> Extension, 12ft		<b>PWS-1524X</b> Power Supply 2.4A, 100-250VAC/12VDC 4-Pin XLR
	<b>BAL-139X</b> Mini-Flo Ballast, 12VDC		<b>KAS-MF</b> Mini-Flo Kit Travel Case
	<b>MTP-MM</b> Flex Arm Mount		<b>092-K32</b> 9" Kino KF32
	<b>MTP-MW6</b> Flex Arm, 6ft Coil		<b>122-K32</b> 12" Kino KF32
	<b>PWC-AX</b> DC Alligator Adapter XLR, 12ft		<b>092-K55</b> 9" Kino KF55
			<b>122-K55</b> 12" Kino KF55

# Fixtures w/ Built-in Ballasts ▶





The portable Diva-Lite® series have become the industry's most popular professional cool lighting fixtures for video location work. The Diva-Lite 401 portable softlights boast the company's trademark modular fixture designs with full-range dimming, switching and remote control features. The Universal model can be used anywhere in the world from 100VAC to 240VAC. Diva-Lite 201 fixtures likewise are portable, versatile units designed for the rigors of run and gun lighting for news or commercial video production. All Diva-Lites can go from nighttime to daytime interiors by switching True Match® tungsten for daylight quality lamps. It's like having two set-ups in one!

### The Diva-Lite 401 Fixture

- Built-in dimming ballast
- 2-Lamp/4-Lamp switching
- Remote dimming
- Built-in Barndoors
- Center Mount
- Reflector
- Louver
- Gel Frame
- True Match® daylight, tungsten balanced lamps

### The Diva-Lite 201 Fixture

- Built-in dimming ballast
- Remote dimming
- Built-in Barndoors
- Center Mount
- Reflector
- Louver
- Gel Frame
- True Match® daylight, tungsten balanced lamps

#### ▼ Diva-Lite 401



**DIV-401-120**  
Diva-Lite 401, 120VAC

**DIV-401-230**  
Diva-Lite 401, 230VAC



**GFR-D4**  
Diva-Lite 401 Gel Frame  
(Included)



**LVR-D490-P**  
Diva-Lite 401 Louver/HP, 90°  
(Included)



**MTP-LB**  
Kino 41 Lollipop  
w/ Baby Receiver  
16mm (Included)

#### ▼ Diva-Lite 400 Universal



**DIV-400-120U**  
Diva-Lite 400, Univ 120U

**DIV-400-230U**  
Diva-Lite 400, Univ 230U



**GFR-D4**  
Diva-Lite 401 Gel Frame  
(Included)



**LVR-D490-P**  
Diva-Lite 401 Louver/HP, 90°  
(Included)



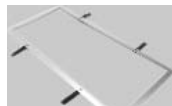
**MTP-LB**  
Kino 41 Lollipop  
w/ Baby Receiver  
16mm (Included)

#### ▼ Diva-Lite 201



**DIV-201-120**  
Diva-Lite 201, 120VAC

**DIV-201-230**  
Diva-Lite 201, 230VAC



**GFR-D2**  
Diva-Lite 201 Gel Frame  
(Included)



**LVR-D290-P**  
Diva-Lite 201 Louver/HP, 90°  
(Included)



**MTP-LB**  
Kino 41 Lollipop  
w/ Baby Receiver  
16mm (Included)

#### ▼ Diva-Lite Cases



**KAS-D4-C**  
Diva-Lite 401 Travel Case

**KAS-D4-CS**  
Diva-Lite 401 Travel Case (Stand)



**KAS-D2-C**  
Diva-Lite 201 Travel Case

**KAS-D2-CS**  
Diva-Lite 201 Travel Case (Stand)



**KAS-D42**  
Diva-Lite 401 Flight Case (2-Unit)

**KAS-D22**  
Diva-Lite 201 Flight Case (2-Unit)



**KAS-CL6**  
6-Lamp Carry Case (55W Compact)

**KAS-CL4**  
4-Lamp Carry Case (55W Compact)

▼ Photometrics

<b>Diva-Lite 401</b>	FC	608	170	78	44	28	20	15	11	9	7.5
	Feet	2	4	6	8	10	12	14	16	18	20

<b>Diva-Lite 201</b>	FC	309	84	39	22	14	10	7	5.5	4.5	3.5
	Feet	2	4	6	8	10	12	14	16	18	20

<b>Diva-Lite 401</b>	LUX	9388	2549	1217	689	443	310	229	176	142	115
	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

<b>Diva-Lite 201</b>	LUX	4705	1287	614	349	225	157	116	90	72	58
	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

▼ Diva-Lite 401 Fixture Specifications

Fixture	Input Voltage	Output Frequency	Amperage	Dimming Range	Lamp Switching	Lamps	Dimensions	Weight w/Lamps
<b>Diva-Lite 401</b>	120VAC 50/60Hz	30kHz	2.0A	100-5%	2/4	4 x 55W CFL	26 x 12 x 6" w/ 6" barndoors (66 x 30.5 x 15cm w/15cm doors)	13 lb (5.9kg)
<b>Diva-Lite 401</b>	230VAC 50/60Hz	30kHz	1.1A	100-5%	2/4	4 x 55W CFL	26 x 12 x 6" w/ 6" barndoors (66 x 30.5 x 15cm w/15cm doors)	13 lb (5.9kg)
<b>Diva-Lite 400 Universal</b>	100-240 VAC	30kHz	1.8A	100-5%	2/4	4 x 55W CFL	26 x 12 x 6" w/ 6" barndoors (66 x 30.5 x 15cm w/15cm doors)	14.2 lb (6.4kg)

▼ Diva-Lite 201 Fixture Specifications

Fixture	Input Voltage	Output Frequency	Amperage	Dimming Range	Lamps	Dimensions	Weight w/Lamps
<b>Diva-Lite 201</b>	120VAC 50/60Hz	30kHz	1.1A	100-5%	2 x 55W CFL	26 x 7.5 x 6" w/ 3.5" barndoors (66 x 19 x 15cm w/9cm doors)	9 lb (4.1kg)
<b>Diva-Lite 201</b>	230VAC 50/60Hz	30kHz	0.6A	100-5%	2 x 55W CFL	26 x 7.5 x 6" w/ 3.5" barndoors (66 x 19 x 15cm w/9cm doors)	9 lb (4.1kg)

▼ Details



▼ Diva-Lite Accessories/ Lamps



**DFS-D4**  
Diva-Lite 401 Flozier, Full  
**DFS-D4-H**  
Diva-Lite 401 Flozier, Half



**MTP-B41F**  
Kino Offset  
w/ Baby Receiver (16mm)



**55C-K32**  
55W Kino KF32 Compact



**55C-K10**  
55W Kino 420 Blue  
Compact



**DFS-D2**  
Diva-Lite 201 Flozier, Full  
**DFS-D2-H**  
Diva-Lite 201 Flozier, Half



**STD-M30**  
Medium Duty, 30"  
**STD-D1**  
Reverse Stand



**55C-K55**  
55W Kino KF55 Compact



**55C-K5X**  
55W Kino 550 Green  
Compact



**DIM-5**  
Remote Dimmer



**LVR-D460-P**  
Diva-Lite 401 Louver/HP, 60°  
**LVR-D260-P**  
Diva-Lite 201 Louver/HP, 60°

# Diva-Lite® Kits

## ▼ Diva-Lite 401 Kits



**KIT-D4-120**  
Diva-Lite 401 Kit, 120VAC

**KIT-D4-230**  
Diva-Lite 401 Kit, 230VAC

Contents	Dimensions
1 Diva-Lite 401	28 x 8.5 x 19.5"
1 Flozier, Full	(71 x 22 x 49.5cm)
1 Lamp Case	<b>Weight</b>
1 Travel Case	25 lb (11.5kg)



**KIT-D4-120/STD**  
Diva-Lite 401 Kit, 120VAC w/ Stand

**KIT-D4-230/STD**  
Diva-Lite 401 Kit, 230VAC w/ Stand

Contents	Dimensions
1 Diva-Lite 401	31.5 x 9 x 22"
1 Flozier, Full	(80 x 23 x 56cm)
1 Offset Mount	<b>Weight</b>
1 Medium Duty Stand, 30"	33 lb (15kg)
1 Lamp Case	
1 Travel Case	



**KIT-D42-120**  
Diva-Lite 401 Kit, 120VAC (2-Unit) w/ Flight Case

**KIT-D42-230**  
Diva-Lite 401 Kit, 230VAC (2-Unit) w/ Flight Case

Contents	Dimensions
2 Diva-Lite 401	22.5 x 16 x 33.5"
2 Flozier, Full	(57 x 41 x 85cm)
2 Offset Mount	<b>Weight</b>
2 Medium Duty Stand, 30"	65.5 lb (30kg)
2 Lamp Case	
1 Flight Case	

## ▼ Diva-Lite 400 Universal Kits



**KIT-D4-120U**  
Diva-Lite 400 Kit, Univ 120U

**KIT-D4-230U**  
Diva-Lite 400 Kit, Univ 230U

Contents	Dimensions
1 Diva-Lite 400 Universal	28 x 8.5 x 19.5"
1 Flozier, Full	(71 x 22 x 49.5cm)
1 Lamp Case	<b>Weight</b>
1 Travel Case	26 lb (12kg)



**KIT-D4-120U/STD**  
Diva-Lite 400 Kit, Univ 120U w/ Stand

**KIT-D4-230U/STD**  
Diva-Lite 400 Kit, Univ 230U w/ Stand

Contents	Dimensions
1 Diva-Lite 400 Universal	31.5 x 9 x 22"
1 Flozier, Full	(80 x 23 x 56cm)
1 Offset Mount	<b>Weight</b>
1 Medium Duty Stand, 30"	34 lb (15.5kg)
1 Lamp Case	
1 Travel Case	



**KIT-D42-120U**  
Diva-Lite 400 Kit, Univ 120U (2-Unit) w/ Flight Case

**KIT-D42-230U**  
Diva-Lite 400 Kit, Univ 230U (2-Unit) w/ Flight Case

Contents	Dimensions
2 Diva-Lite 400 Universal	22.5 x 16 x 33.5"
2 Flozier, Full	(57 x 41 x 85cm)
2 Offset Mount	<b>Weight</b>
2 Medium Duty Stand, 30"	66 lb (30kg)
2 Lamp Case	
1 Flight Case	

## ▼ Diva-Lite 201 Kits



**KIT-D2-120**  
Diva-Lite 201 Kit, 120VAC

**KIT-D2-230**  
Diva-Lite 201 Kit, 230VAC

Contents	Dimensions
1 Diva-Lite 201	28 x 8 x 15.5"
1 Flozier, Full	(71 x 20.5 x 39.5cm)
1 Lamp Case	<b>Weight</b>
1 Travel Case	19 lb (9kg)



**KIT-D2-120/STD**  
Diva-Lite 201 Kit, 120VAC w/ Stand

**KIT-D2-230/STD**  
Diva-Lite 201 Kit, 230VAC w/ Stand

Contents	Dimensions
1 Diva-Lite 201	28 x 8.5 x 19.5"
1 Flozier, Full	(71 x 22 x 49.5cm)
1 Offset Mount	<b>Weight</b>
1 Reverse Stand	26.5 lb (12kg)
1 Lamp Case	
1 Travel Case	



**KIT-D22-120**  
Diva-Lite 201 Kit, 120VAC (2-Unit) w/ Flight Case

**KIT-D22-230**  
Diva-Lite 201 Kit, 230VAC (2-Unit) w/ Flight Case

Contents	Dimensions
2 Diva-Lite 201	22.5 x 13.5 x 33.5"
2 Flozier, Full	(57 x 34.5 x 85cm)
2 Offset Mount	<b>Weight</b>
2 Medium Duty Stand, 30"	55 lb (25kg)
1 Lamp Case	
1 Flight Case	

# Tegra® 4Bank DMX



Kino Flo's new Tegra® 4Bank DMX redefines the evolution of light by combining the Academy-award winning features of the 4ft 4Bank portable system with onboard control features of the Diva-Lite 401. The all-in-one Tegra 4Bank DMX features new levels of control with DMX and onboard dimming, DMX and onboard lamp switching, remote hand-held dimming, and universal input voltage (100VAC to 240VAC). The Tegra 4Bank DMX produces as much light as a 1000W tungsten softlight using only one third the amount of power at 2.8A (120VAC) compared to the tungsten softlight at 8.3A. Proprietary solid state electronics operate the lamps at high output, flicker-free, and dead quiet. The built-in barndoors with newly designed hinges, honeycomb louver and center mount system make the lightweight Tegra ideal for hand-held shots, rigging in tight locations or mounting on a light stand. The fixture takes 2900K, 3200K and 5500K True Match® lamps that display a full range of high color rendering soft light. Tegra 4Bank DMX features are:

- DMX and manual lamp dimming
- DMX and manual lamp switching
- Universal input 100VAC-240VAC
- Remote dimming
- Built-in Barndoors
- Center Mount
- Reflector
- Louver
- True Match® daylight and tungsten balanced lamps

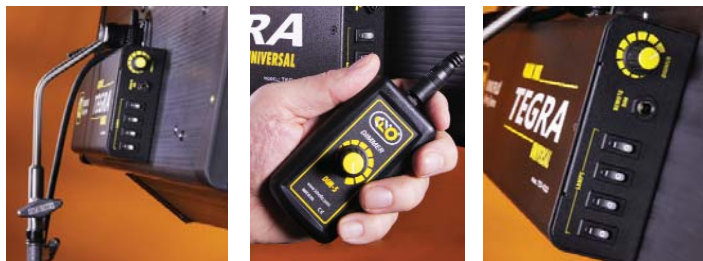
## ▼ Photometrics

	FC	476	158	76	45	29	21	16	12	10	8
	Feet	2	4	6	8	10	12	14	16	18	20
<b>Tegra 4Bank</b>	LUX	6502	2390	1184	689	458	325	243	190	153	125
	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

## ▼ Fixture Specifications

Fixture	Input Voltage	Output Frequency	Amperage	Dimming Range	Lamp Switching	Lamps	Dimensions	Weight w/ Lamps
<b>Tegra 4Bank DMX</b>	100-240 VAC	40kHz	2.8A	100-5%	1-4	4 x 75W T12	52 x 13.5 x 6" w/ 6.5" barndoors (132 x 34 x 15cm w/ 16.5cm doors)	19 lb (8.6kg)
<b>Tegra 4Bank DMX</b>	240-100 VAC	40kHz	1.4A	100-5%	1-4	4 x 75W T12	52 x 13.5 x 6" w/ 6.5" barndoors (132 x 34 x 15cm w/ 16.5cm doors)	19 lb (8.6kg)

## ▼ Details



## ▼ Tegra 4Bank DMX Kits



**KIT-F450-120U**  
Tegra 4Bank DMX Kit, Univ 120U



**KIT-F450B-120U**  
Tegra 4Bank DMX Kit w/ Soft Case, Univ 120U

**KIT-F450-230U**  
Tegra 4Bank DMX Kit, Univ 230U

**Contents**  
1 Tegra 4Bank DMX  
1 Flozier, Half  
1 Lamp Case  
1 Travel Case

**Dimensions**  
54.5 x 9 x 21"  
(138.5 x 23 x 53.5cm)

**Weight**  
41 lb (19kg)

**KIT-F450B-230U**  
Tegra 4Bank DMX Kit w/ Soft Case, Univ 230U

**Contents**  
1 Tegra 4Bank DMX  
1 Flozier, Half  
1 Lamp Case  
1 Soft Case

**Dimensions**  
55 x 8 x 19.5"  
(140 x 20.5 x 49.5cm)

**Weight**  
23 lb (10.5kg)

## ▼ Tegra 4Bank Kit Components/ Accessories/ Lamps



**TEG-450-120U**  
Tegra 4Bank DMX, Univ 120U



**TEG-450-230U**  
Tegra 4Bank DMX, Univ 230U



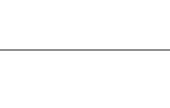
**DFS-4804**  
4ft 4Bank Flozier, Full



**DFS-4804-H**  
4ft 4Bank Flozier, Half



**DIM-5**  
Remote Dimmer



**LVR-G490**  
Tegra 4Bank Louver 90°



**LVR-G460**  
Tegra 4Bank Louver 60°



**STD-M36**  
Medium Duty, 36"



**KAST-4-C**  
Tegra 4Bank Travel Case



**BAG-401**  
4ft 4Bank Soft Case



**KAS-C46**  
6-Lamp Carry Case (4ft)



**488-K29-S**  
4ft Kino KF29  
**488-K32-S**  
4ft Kino KF32  
**488-K55-S**  
4ft Kino KF55

# BarFly® 450 DMX & 200D



The BarFly® 450 DMX & 200D are the next generation of this BarFly lighting systems. The soft cool beauty lights feature a narrow profile of 4.5" in depth with onboard dimming ballasts, lamp switching and universal input voltage (100VAC-240VAC). The BarFly 450 also features DMX dimming and DMX lamp switching.

The BarFly 450 is brighter than a 1,000 Watt tungsten softlight, but draws only 2 amps, while the BarFly 200D is equivalent to a 500 Watt tungsten softlight drawing only 1 amp of power. Both fixtures include a built-in reflector and removable gel frame, honeycomb louver and center mount. The lightweight fixtures are ideal for difficult tight shots on location or in the studio. The fixtures take 3200K and 5500K True Match® lamps that display a full range of high color rendering (CRI 95) soft light.

Features include:

- Narrow profile
- Flicker-free, dead quiet
- Onboard and remote dimming
- Individual lamp switching
- DMX dimming and DMX lamp switching (BarFly 450)
- Universal input 100VAC-240VAC
- Removable Center Mount
- Reflector, Louver and Gel Frame
- True Match® daylight and tungsten balanced lamps

## ▼ BarFly 450 DMX Kit



**KIT-B450-120U**  
BarFly 450 DMX Kit, Univ 120U (1-Unit)

**KIT-B450-230U**  
BarFly 450 DMX Kit, Univ 230U (1-Unit)

Contents	Dimensions
1 BarFly 450 DMX	31.5 x 9 x 22"
1 Mount	(80 x 23 x 56cm)
1 Medium Duty Stand, 30"	<b>Weight</b>
1 Lamp Case	32 lb (14.5kg)
1 Travel Case	

## ▼ BarFly 200D Kits



**KIT-B22D-120U**  
BarFly 200D Kit, Univ 120U (2-Unit)

**KIT-B22D-230U**  
BarFly 200D Kit, Univ 230U (2-Unit)

Contents	Dimensions
2 BarFly 200D	31.5 x 9 x 22"
2 Mount	(80 x 23 x 56cm)
2 Reverse Stand	<b>Weight</b>
1 Lamp Case	39.5 lb (18kg)
1 Travel Case	



**KIT-B200D-120U**  
BarFly 200D Kit, Univ 120U (1-Unit) w/ Soft Case

**KIT-B200D-230U**  
BarFly 200D Kit, Univ 230U (1-Unit) w/ Soft Case

Contents	Dimensions
1 BarFly 200D	20.5 x 10 x 14"
1 Mount	(52 x 25.5 x 36cm)
1 Soft Case	<b>Weight</b>
	15 lb (7kg)



▼ Photometrics

<b>BarFly 450</b>	FC	631	166	76	43	28	20	15	11	9	7
	Feet	2	4	6	8	10	12	14	16	18	20
<b>BarFly 200D</b>	FC	298	80	36	20	13	9	7	5	4	3.5
	Feet	2	4	6	8	10	12	14	16	18	20
<b>BarFly 450</b>	LUX	9150	2659	1206	689	445	310	230	180	142	116
	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5
<b>BarFly 200D</b>	LUX	4662	1260	571	324	211	147	110	85	68	55
	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

▼ Fixture Specifications

Fixture	Input Voltage	Output Frequency	Amperage	Dimming Range	Lamp Switching	Lamps	Dimensions	Weight w/Lamps
<b>BarFly 450</b>	100-240VAC	47kHz	2.4A, 120V 1.2A, 230V	100-5%	1-4	4 x 55W QFL	17 x 16 x 4.5" (43 x 41 x 11.5cm)	12 lb (5.5kg)
<b>BarFly 200D</b>	100-240VAC	47kHz	1.2A, 120V 0.7A, 230V	100-5%	1-2	2 x 55W QFL	16 x 9.5 x 4.5" (41 x 24 x 11.5cm)	7.5 lb (3.5kg)

▼ Details



▼ BarFly 450 DMX System



▼ BarFly 200D System



Bill Brennan



Fernando Escovar



David Mann

▼ BarFly Accessories/ Lamps



# Studio ▶



ParaBeam® fixtures, lighting TV broadcast studio



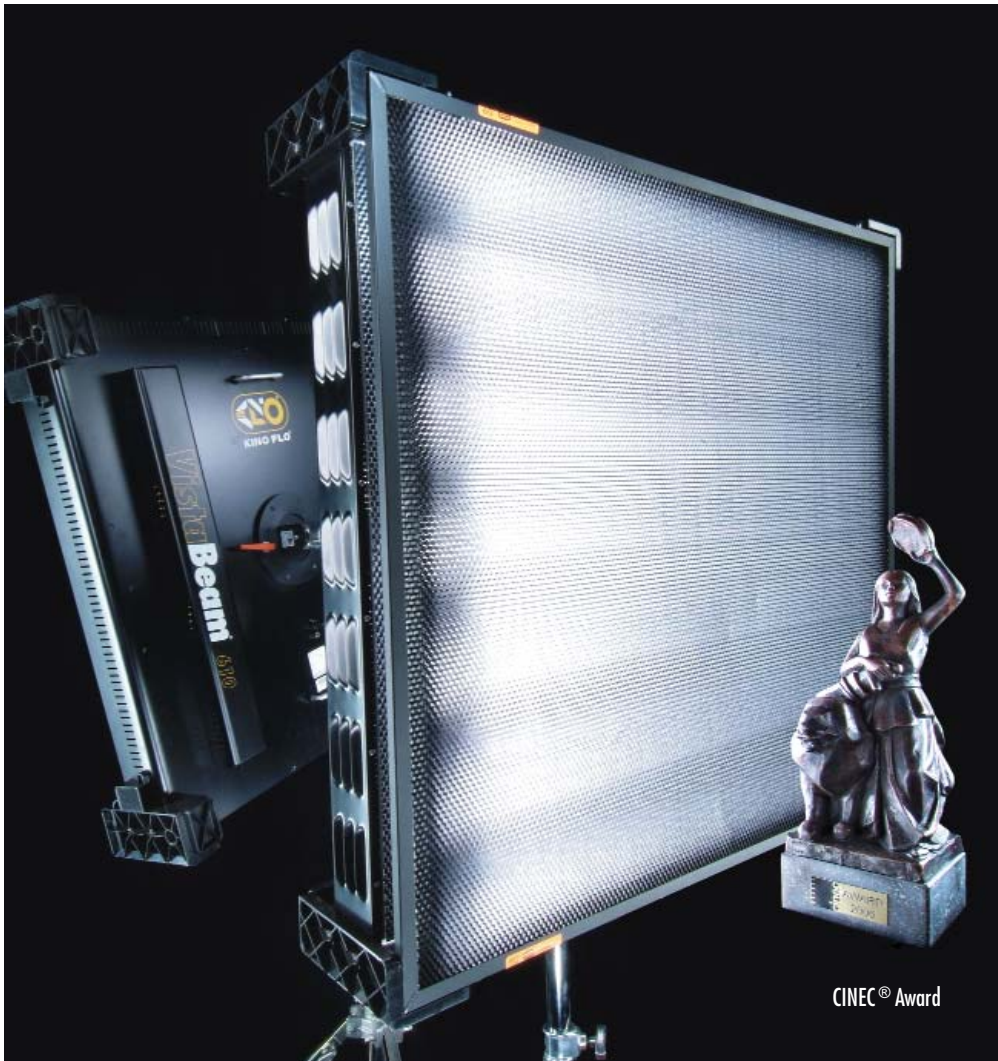
ParaBeam®, public TV broadcast



ParaBeam®, studio key light



# VistaBeam® DMX



CINEC® Award

Center Mount w/ Hanging Adapter

Pole-Operation

**K**ino Flo's VistaBeam® 610 and 310 will change the way our industry lights film and television studios. The VistaBeam 610 puts out more light than a 4K quartz softlight (120VAC) but uses only 8 Amps of power compared to 34 Amps needed for the quartz light. Its compact sibling, the VistaBeam 310, is half the size and delivers more light than a 2,000 Watt quartz softlight. Both fixtures have a DMX control system. The versatile center mount versions excel both as downlights that can replace energy sapping tungsten space lights in studios and as key and fill sources stand-mounted on the stage floor. VistaBeams take the new Kino Flo True Match® 96 Watt (CFL) technology. A Kino Flo innovation on parabolic reflector design intensifies the spread and distance of the beam to produce the industry's brightest cool light source. New focusing honeycomb louvers shape the beam down to 90° and 60°. Snap and click lamp clips allow for easy changes between tungsten and daylight True Match lamps.

Features include:

- DMX lamp switching
- HO/Standard switching
- Individual lamp control
- Flicker-free, remote operation
- Reflector, Louver and Gel Frame
- Stackable design
- Instant-on, dead quiet
- True Match® daylight and tungsten balanced lamps

**Available in Center Mount, Yoke Mount and Pole-Op.**

## ▼ VistaBeam 610 DMX



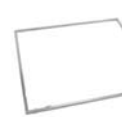
**VIS-610C-120**  
VistaBeam 610 DMX  
Center Mount, 120VAC



**VIS-610C-230**  
VistaBeam 610 DMX  
Center Mount, 230VAC



**VIS-610Y-120**  
VistaBeam 610 DMX  
Yoke Mount, 120VAC



**VIS-610Y-230**  
VistaBeam 610 DMX  
Yoke Mount, 230VAC



**VIS-610P-120**  
VistaBeam 610 DMX  
Pole-Op, 120VAC

**VIS-610P-230**  
VistaBeam 610 DMX  
Pole-Op, 230VAC

**GFR-V6**  
VistaBeam 610  
Gel Frame (Included)

**LVR-V690**  
VistaBeam 610  
Louver 90° (Included)

## ▼ VistaBeam 310 DMX



**VIS-310C-120**  
VistaBeam 310 DMX  
Center Mount, 120VAC



**VIS-310C-230**  
VistaBeam 310 DMX  
Center Mount, 230VAC



**VIS-310Y-120**  
VistaBeam 310 DMX  
Yoke Mount, 120VAC



**VIS-310Y-230**  
VistaBeam 310 DMX  
Yoke Mount, 230VAC

**VIS-310P-120**  
VistaBeam 310 DMX  
Pole-Op, 120VAC

**VIS-310P-230**  
VistaBeam 310 DMX  
Pole-Op, 230VAC

**GFR-V3**  
VistaBeam 310  
Gel Frame (Included)

**LVR-V390**  
VistaBeam 310  
Louver 90° (Included)

▼ Photometrics

**VistaBeam 610**

FC	1650	665	391	199	130	94	70	54	43	35
Feet	2	4	6	8	10	12	14	16	18	20

**VistaBeam 310**

FC	1150	384	180	106	68	48	36	28	22	18
Feet	2	4	6	8	10	12	14	16	18	20

**VistaBeam 610**

LUX	21210	10770	5124	3650	2078	1453	1098	850	689	560
Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

**VistaBeam 310**

LUX	15390	5846	2756	1647	1077	786	572	443	356	294
Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

▼ Fixture Specifications

Fixture	Input Voltage	Output Frequency	Amperage	Lamp Switching	Output Switching	Lamps	Dimensions w/ Center Mount	Weight w/ Lamps
<b>VistaBeam 610 DMX</b>	120VAC 50/60Hz	25kHz	8.0A	1-6	HO/Std	6 x 96W CFL	37.5 x 35.5 x 8.5" (95.5 x 90 x 21.5cm)	46.5 lb (21kg)
<b>VistaBeam 610 DMX</b>	230VAC 50/60Hz	25kHz	4.7A	1-6	HO/Std	6 x 96W CFL	37.5 x 35.5 x 8.5" (95.5 x 90 x 21.5cm)	46.5 lb (21kg)
<b>VistaBeam 310 DMX</b>	120VAC 50/60Hz	25kHz	4.0A	1-3	HO/Std	3 x 96W CFL	37.5 x 20 x 9" (95.5 x 51 x 23cm)	28.5 lb (13kg)
<b>VistaBeam 310 DMX</b>	230VAC 50/60Hz	25kHz	2.4A	1-3	HO/Std	3 x 96W CFL	37.5 x 20 x 9" (95.5 x 51 x 23cm)	28.5 lb (13kg)

▼ Details



Fernando Escovar



Lisa Staciulewicz



▼ VistaBeam 610 DMX Kit



**KIT-V6C-120**  
VistaBeam 610 DMX Center Mount Kit, 120VAC

**KIT-V6C-230**  
VistaBeam 610 DMX Center Mount Kit, 230VAC

**Contents**  
1 VistaBeam 610 Center  
1 Ship Case

**Dimensions**  
41.5 x 16 x 44"  
(105.5 x 40.5 x 112cm)

**Weight**  
135 lb (61kg)

▼ VistaBeam 310 DMX Kit



**KIT-V3C-120**  
VistaBeam 310 DMX Center Mount Kit, 120VAC

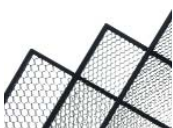
**KIT-V3C-230**  
VistaBeam 310 DMX Center Mount Kit, 230VAC

**Contents**  
1 VistaBeam 310 Center  
1 Ship Case

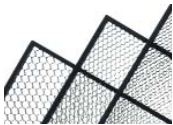
**Dimensions**  
41.5 x 14.5 x 25.5"  
(105.5 x 37 x 65cm)

**Weight**  
79.5 lb (36kg)

▼ VistaBeam Accessories/ Lamps



**LVR-V660**  
VistaBeam 610  
Louver 60°



**LVR-V645**  
VistaBeam 610  
Louver 45°



**LVR-V360**  
VistaBeam 310  
Louver 60°

**LVR-V345**  
VistaBeam 310  
Louver 45°



**MTP-V63C**  
VistaBeam 63  
Center Mount Assembly



**MTP-V63H1**  
VistaBeam 63 Center  
Hanging Adapter



**MTP-V63JR**  
VistaBeam 63 Center  
Junior Stand Adaptor



**7010034**  
VistaBeam 610  
Yoke Assembly



**7010035**  
VistaBeam 310  
Yoke Assembly

**7010036**  
VistaBeam 610  
Pole-Op Assembly

**7010037**  
VistaBeam 310  
Pole-Op Assembly



**964-K32**  
96W Kino KF32 (Twin)

**964-K55**  
96W Kino KF55 (Twin)

▼ VistaBeam Cases



**KAS-V61**  
VistaBeam 610  
Center Ship Case



**KAS-V31**  
VistaBeam 310  
Center Ship Case



**KAS-VL8**  
VistaBeam 8-Lamp  
Ship Case



**KAS-VL8-C**  
VistaBeam 8-Lamp  
Travel Case



Rope Hang



Pole-Operation

The Imara® S10 and S6 are studio fixtures with the characteristics of the Image series, but with a more concentrated spread of light along both horizontal and vertical axes. The Imara S10 puts out about the same light output as the VistaBeam 610, yet draws only 5.2A at 120VAC (2.6A at 230VAC). The all-in-one Imara DMX fixtures also feature new levels of control by combining lamp switching and lamp dimming, making them ideal for film production, TV broadcast and digital photography. Both models use Kino Flo's True Match® high color rendering 55W compact lamps (CRI 95) available in tungsten and daylight.

Key features are:

- DMX and manual lamp switching
- DMX and manual lamp dimming
- Reflector, Louver and Gel Frame
- True Match® daylight and tungsten balanced lamps

**Available in Yoke Mount and Pole-Op.**

## ▼ Imara S10 DMX



**IMR-S10-120**  
Imara S10 DMX Yoke,  
120VAC



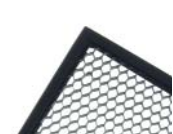
**IMR-S10-P120**  
Imara S10 DMX Pole-Op,  
120VAC



**IMR-S10-230**  
Imara S10 DMX Yoke,  
230VAC



**IMR-S10-P230**  
Imara S10 DMX Pole-Op,  
230VAC



**GFR-IM10**  
Imara S10 Gel Frame  
(Included)



**GFR-IM10**  
Imara S10 Gel Frame  
(Included)

**LVR-IM1090**  
Imara S10 Louver 90°  
(Included)

**LVR-IM1090**  
Imara S10 Louver 90°  
(Included)

## ▼ Imara S6 DMX



**IMR-S6-120**  
Imara S6 DMX Yoke,  
120VAC



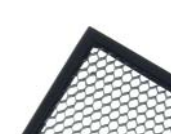
**IMR-S6-P120**  
Imara S6 DMX Pole-Op,  
120VAC



**IMR-S6-230**  
Imara S6 DMX Yoke,  
230VAC



**IMR-S6-P230**  
Imara S6 DMX Pole-Op,  
230VAC



**GFR-IM6**  
Imara S6 Gel Frame  
(Included)



**GFR-IM6**  
Imara S6 Gel Frame  
(Included)

**LVR-IM690**  
Imara S6 Louver 90°  
(Included)

**LVR-IM690**  
Imara S6 Louver 90°  
(Included)

▼ Photometrics

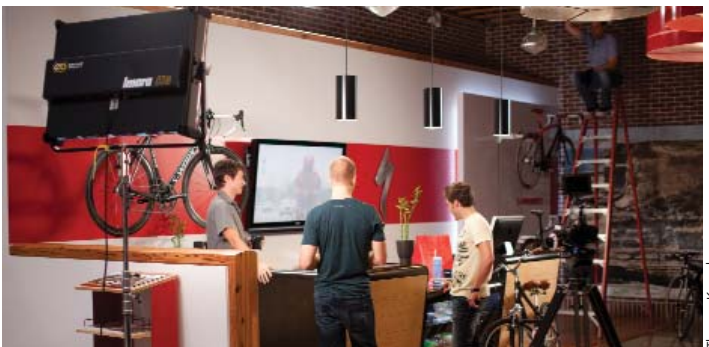
<b>Imara S10</b>	FC	1680	580	280	165	108	77	57	44	35	29
	Feet	2	4	6	8	10	12	14	16	18	20
<b>Imara S6</b>	FC	1120	338	158	92	59	44	31	24	19	16
	Feet	2	4	6	8	10	12	14	16	18	20

<b>Imara S10</b>	LUX	20480	8720	4295	2562	1690	1206	904	689	560	454
	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5
<b>Imara S6</b>	LUX	15830	5211	2465	1432	937	687	490	378	300	244
	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

▼ Fixture Specifications

Fixture	Input Voltage	Output Frequency	Amperage	Dimming Range	Lamp Switching	Lamps	Dimensions	Weight w/Lamps
<b>Imara S10 DMX</b>	120VAC 50/60Hz	30kHz	5.2A	100-5%	2/4/6/8/10	10 x 55W CFL	41 x 28 x 7.5" (104 x 71 x 18cm)	33 lb (15kg)
<b>Imara S10 DMX</b>	230VAC 50/60Hz	30kHz	2.6A	100-5%	2/4/6/8/10	10 x 55W CFL	41 x 28 x 7.5" (104 x 71 x 19cm)	33 lb (15kg)
<b>Imara S6 DMX</b>	120VAC 50/60Hz	30kHz	3.2A	100-5%	2/4/6	6 x 55W CFL	27 x 28 x 7.5" (68.5 x 71 x 19cm)	22.5 lb (10kg)
<b>Imara S6 DMX</b>	230VAC 50/60Hz	30kHz	1.5A	100-5%	2/4/6	6 x 55W CFL	27 x 28 x 7.5" (68.5 x 71 x 19cm)	22.5 lb (10kg)

▼ Details



Thomas Kranzle



Comtel

▼ Beam Spread



The Imara utilizes a SoftCut reflector designed to emit a bright, narrow even spread of soft light. The edges of the beam are distinct. This concentration is useful in TV studios and photographic applications where the subject is localized and the spread of light is required to be more directed.



Compare the Imara S10 light beam characteristics open faced and using the 90° and 60° honeycomb louvers.



▼ Imara Accessories/ Lamps

	<b>BRD-IM10</b> Imara S10 Barndoors		<b>KAS-IM10-1</b> Imara S10 Ship Case
	<b>BRD-IM6</b> Imara S6 Barndoors		<b>KAS-IM6-1</b> Imara S6 Ship Case
	<b>LVR-IM1060</b> Imara S10 Louver 60°		<b>55C-K32</b> 55W Kino KF32 Compact
	<b>LVR-IM660</b> Imara S6 Louver 60°		<b>55C-K55</b> 55W Kino KF55 Compact
	<b>MTP-180</b> Junior Pin Assembly for Yoke (28mm)		
	<b>KAS-CL6</b> 6-Lamp Carry Case (55W Compact)		

▼ Imara S10 DMX Kit



**KIT-IM10-1/120**  
Imara S10 DMX Yoke Mount Kit, 120VAC

**KIT-IM10-1/230**  
Imara S10 DMX Yoke Mount Kit, 230VAC

<b>Contents</b>	<b>Dimensions</b>
1 Imara S10 DMX Yoke	44.5 x 11 x 35.5"
1 Jr. Pin	(113 x 28 x 90cm)
1 Ship Case	<b>Weight</b>
	62.5 lb (28.5kg)

▼ Imara S6 DMX Kit



**KIT-IM6-1/120**  
Imara S6 DMX Yoke Mount Kit, 120VAC

**KIT-IM6-1/230**  
Imara S6 DMX Yoke Mount Kit, 230VAC

<b>Contents</b>	<b>Dimensions</b>
1 Imara S6 DMX Yoke	31 x 11 x 35.5"
1 Jr. Pin	(79 x 28 x 90cm)
1 Ship Case	<b>Weight</b>
	48 lb (22kg)

# Image DMX



The Image 87 DMX fixture's large soft light coverage and its small, energy footprint, combined with the ease of rigging compared to tungsten lighting sources makes it the darling of motion picture and television visual effects designers.

The relatively cool source takes about six different colored visual effects lighting colors, but most notably the specialized Kino Flo spiked blue and spiked green tubes for deep, rich saturation of color when lighting blue and green colored cyclorama stages.

Its smaller sibling, the Image 47 DMX, produces the same quality of light, with the same light control and beam spread features, but uses half the energy. The Image 47 works ideally on bluescreen and greenscreen stages that are no more than 15 feet in height.

Some key ingredients to both Image fixtures:

- DMX lamp switching
- HO/Standard switching
- Individual lamp control
- Gel Frame, Louver
- Instant-on, dead quiet
- True Match® daylight and tungsten balanced lamps

**Available in Yoke Mount and Pole-Op.**

## ▼ Image 87 DMX



**IMG-87X-120**  
Image 87 DMX, 120VAC

**IMG-87X-230**  
Image 87 DMX, 230VAC



**IMG-87P-120**  
Image 87 DMX  
Pole-Op, 120VAC

**IMG-87P-230**  
Image 87 DMX  
Pole-Op, 230VAC



**GFR-180**  
Image 87 Gel Frame  
(Included)



**LVR-180-S**  
Image 87 Louver/Silver  
(Included)

## ▼ Image 47 DMX



**IMG-47X-120**  
Image 47 DMX, 120VAC

**IMG-47X-230**  
Image 47 DMX, 230VAC



**IMG-47P-120**  
Image 47 DMX  
Pole-Op, 120VAC

**IMG-47P-230**  
Image 47 DMX  
Pole-Op, 230VAC



**GFR-140**  
Image 47 Gel Frame  
(Included)



**LVR-140-S**  
Image 47 Louver/Silver  
(Included)

## ▼ Image Accessories



**BRD-180**  
Image 87 Bardoors

**BRD-140**  
Image 47 Bardoors



**MTP-180**  
Junior Pin Assembly  
for Yoke (28mm)



**MTP-140**  
Baby Receiver Assembly  
for Yoke (16mm)



**KAS-140-1**  
Image 47 Ship Case



**KAS-180-1**  
Image 87 Ship Case

**KAS-180-2**  
Image 87 Ship Case  
(2-Unit)



**KAS-180-4**  
Image 87 Ship Case  
(4-Unit)



▼ Photometrics

<b>Image 87</b>	FC	930	325	160	94	61	44	33	26	20	17
	Feet	2	4	6	8	10	12	14	16	18	20

<b>Image 47</b>	FC	531	173	84	49	32	22.5	17	13	10.5	8.5
	Feet	2	4	6	8	10	12	14	16	18	20

<b>Image 87</b>	LUX	12490	4748	2412	1443	958	678	505	394	320	265
	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

<b>Image 47</b>	LUX	7407	2261	1303	775	503	356	267	208	168	135
	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

▼ Fixture Specifications

Fixture	Input Voltage	Output Frequency	Amperage	Lamp Switching	Output Switching	Lamp Type	Dimensions	Weight w/Lamps
<b>Image 87 DMX</b>	120VAC 50/60Hz	25kHz	4.8A	1-8	HO/Std	F75/T12	54 x 28 x 6.5" (137 x 71 x 16.5cm)	39 lb (18kg)
<b>Image 87 DMX</b>	230VAC 50/60Hz	25kHz	2.4A	1-8	HO/Std	F75/T12	54 x 28 x 6.5" (137 x 71 x 16.5cm)	39 lb (18kg)
<b>Image 47 DMX</b>	120VAC 50/60Hz	25kHz	2.3A	1-4	HO/Std	F75/T12	54 x 17 x 6.5" (137 x 43 x 16.5cm)	23 lb (10.5kg)
<b>Image 47 DMX</b>	230VAC 50/60Hz	25kHz	1.1A	1-4	HO/Std	F75/T12	54 x 17 x 6.5" (137 x 43 x 16.5cm)	23 lb (10.5kg)

▼ Details



Image fixtures, as large soft light source on feature film



Image fixtures, specially rigging for feature film

▼ Image 87 DMX Kits



**KIT-87-X1/120**  
Image 87 DMX Kit, 120VAC

**KIT-87-X1/230**  
Image 87 DMX Kit, 230VAC

**Contents**  
1 Image 87 DMX  
1 Jr. Pin  
1 Ship Case

**Dimensions**  
57.5 x 8 x 35.5"  
(146 x 20.5 x 90cm)  
**Weight**  
62 lb (28kg)



**KIT-87-X2/120**  
Image 87 DMX Kit, 120VAC (2-Unit)

**KIT-87-X2/230**  
Image 87 DMX Kit, 230VAC (2-Unit)

**Contents**  
2 Image 87 DMX  
2 Jr. Pin  
1 Ship Case

**Dimensions**  
57.5 x 17 x 40"  
(146 x 43 x 102cm)  
**Weight**  
163 lb (74kg)



**KIT-87-X4/120**  
Image 87 DMX Kit, 120VAC (4-Unit)

**KIT-87-X4/230**  
Image 87 DMX Kit, 230VAC (4-Unit)

**Contents**  
4 Image 87 DMX  
4 Jr. Pin  
1 Ship Case

**Dimensions**  
35.5 x 33.5 x 64"  
(90 x 85 x 163cm)  
**Weight**  
365 lb (166kg)

▼ Image 47 DMX Kit



**KIT-47-X1/120**  
Image 47 DMX Kit, 120VAC

**KIT-47-X1/230**  
Image 47 DMX Kit, 230VAC

**Contents**  
1 Image 47 DMX  
1 Jr. Pin  
1 Ship Case

**Dimensions**  
57.5 x 9 x 25.5"  
(146 x 23 x 65cm)  
**Weight**  
47 lb (21.5kg)

# ParaBeam® DMX



## ▼ Photometrics

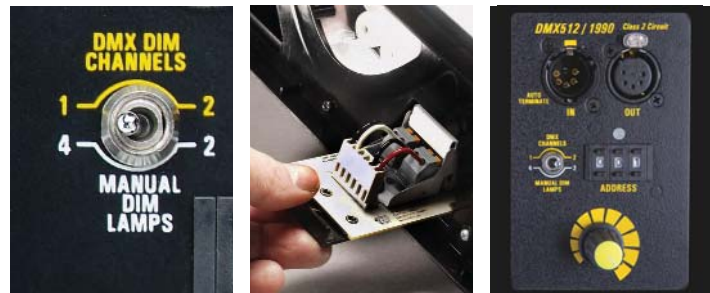
	FC	920	384	166	98	63	45	36	28	20	17
<b>ParaBeam 410</b>	Feet	2	4	6	8	10	12	14	16	18	20
	FC	553	185	86	50	32	22	17	13	10	8
<b>ParaBeam 210</b>	Feet	2	4	6	8	10	12	14	16	18	20

	LUX	12600	4900	2498	1507	990	700	522	404	323	265
<b>ParaBeam 410</b>	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5
	LUX	8160	2685	1324	786	500	356	266	203	164	134
<b>ParaBeam 210</b>	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

## ▼ Fixture Specifications

Description	Input Voltage	Output Frequency	Amperage	Dimming Range	Lamps	Dimensions	Weight w/Lamps
<b>ParaBeam 410 DMX Center</b>	120VAC 50/60Hz	30kHz	2.0A	100-5%	4 x 55W CFL	24.5 x 25 x 7.5" (62 x 63.5 x 19cm)	22.5 lb (10kg)
<b>ParaBeam 410 DMX Center</b>	230VAC 50/60Hz	30kHz	1.1A	100-5%	4 x 55W CFL	24.5 x 25 x 7.5" (62 x 63.5 x 19cm)	22.5 lb (10kg)
<b>ParaBeam 210 DMX Center</b>	120VAC 50/60Hz	30kHz	1.1A	100-5%	2 x 55W CFL	24.5 x 13.5 x 7.5" (62 x 34.5 x 19cm)	14.5 lb (6.5kg)
<b>ParaBeam 210 DMX Center</b>	230VAC 50/60Hz	30kHz	0.6A	100-5%	2 x 55W CFL	24.5 x 13.5 x 7.5" (62 x 34.5 x 19cm)	14.5 lb (6.5kg)

## ▼ Details



The ParaBeam® 410 and 210 studio fixtures display about the same amount of soft light as a 2,000 Watt and 1,000 Watt tungsten light, respectively. But ParaBeams only use 1/4th as much power! Both studio lights take Kino Flo True Match® high color rendering lamps (CRI 95). The soft beam actually can be focused for a wide variety of set lighting looks, from lighting four people across a news desk to spotting down to a single subject. Some of the ParaBeam's details are:

- Onboard/remote DMX dimming
- Select switching (410 fixture only)
- Center Mount
- Parabolic intensifying reflector
- Gel Frame
- Focusing Louver
- True Match® daylight, tungsten balanced lamps

## ▼ ParaBeam 410 DMX

	<b>PAR-410-120</b> ParaBeam 410 DMX Center Mount, 120VAC
	<b>PAR-410-230</b> ParaBeam 410 DMX Center Mount, 230VAC
	<b>GFR-P4</b> ParaBeam 410 Gel Frame (Included)
	<b>LVR-P4-S</b> ParaBeam 410 Louver/Silver (Included)
	<b>MTP-LM</b> Kino 81 Lollipop w/ Junior Pin 28mm (Included)

## ▼ ParaBeam 210 DMX

	<b>PAR-210-120</b> ParaBeam 210 DMX Center Mount, 120VAC
	<b>PAR-210-230</b> ParaBeam 210 DMX Center Mount, 230VAC
	<b>GFR-P2</b> ParaBeam 210 Gel Frame (Included)
	<b>LVR-P2-S</b> ParaBeam 210 Louver/Silver (Included)
	<b>MTP-LB</b> Kino 41 Lollipop w/ Baby Receiver 16mm (Included)

## ▼ ParaBeam Accessories/ Lamps

	<b>BRD-P4</b> ParaBeam 410 Barndoors		<b>KAS-P41</b> ParaBeam 410 Ship Case
	<b>BRD-P2</b> ParaBeam 210 Barndoors		<b>KAS-P21</b> ParaBeam 210 Ship Case
	<b>LVR-P490</b> ParaBeam 410 Louver 90°		<b>KAS-CL6</b> 6-Lamp Carry Case (55W Compact)
	<b>LVR-P460</b> ParaBeam 410 Louver 60°		<b>55C-K32</b> 55W Kino KF32 Compact
	<b>LVR-P445</b> ParaBeam 410 Louver 45°		<b>55C-K55</b> 55W Kino KF55 Compact
	<b>LVR-P290-P</b> ParaBeam 210 Louver/HP, 90°		
	<b>LVR-P260-P</b> ParaBeam 210 Louver/HP, 60°		
	<b>LVR-P245</b> ParaBeam 210 Louver 45°		
	<b>MTP-LMT</b> Kino 81 Lollipop, Center Hanging 28mm (For Pantograph)		

# ParaBeam® DMX Yoke



Kino Flo has added a remote pole-operation yoke option to its line of professional studio lights, including the ParaBeam, ParaZip, VistaBeam and Image fixtures. The pole yoke accessory includes a welded alloy yoke bale offering 360 degrees of fixture movement to focus the soft beam when lighting from a studio grid. The pole yoke system saves time and money eliminating the need for ladder access or costly automated rigging and hoist systems. Features include:

- Onboard/remote DMX dimming
- Select switching (410 fixture only)
- Yoke Mount, Pole-Op
- Parabolic intensifying reflector
- Gel Frame
- Focusing Louver
- True Match® daylight, tungsten balanced lamps

## ▼ ParaBeam 410 DMX Yoke



**PAR-410Y-120**  
ParaBeam 410 DMX  
Yoke Mount, 120VAC



**PAR-410Y-230**  
ParaBeam 410 DMX  
Yoke Mount, 230VAC



**PAR-410P-120**  
ParaBeam 410 DMX  
Pole-Op, 120VAC

**PAR-410P-230**  
ParaBeam 410 DMX  
Pole-Op, 230VAC



**GFR-P4**  
ParaBeam 410 Gel Frame  
(Included)

**LVR-P4-S**  
ParaBeam 410 Louver/Silver  
(Included)

## ▼ ParaBeam 210 DMX Yoke



**PAR-210Y-120**  
ParaBeam 210 DMX  
Yoke Mount, 120VAC



**PAR-210Y-230**  
ParaBeam 210 DMX  
Yoke Mount, 230VAC



**PAR-210P-120**  
ParaBeam 210 DMX  
Pole-Op, 120VAC

**PAR-210P-230**  
ParaBeam 210 DMX  
Pole-Op, 230VAC



**GFR-P2**  
ParaBeam 210 Gel Frame  
(Included)

**LVR-P2-S**  
ParaBeam 210 Louver/Silver  
(Included)

## ▼ Beam Spread/ Photometrics



Kino Flo honeycomb louvers control the beam spread and focus the light better than barndoors with minimal light loss.



The 90° louver concentrates the light and behaves much like a 24" barndoor which tapers the light to a nice soft edge.



The 60° and 45° louvers concentrate the light even further displaying a smaller, tighter soft edge.

**For Photometrics see center mount ParaBeam DMX opposite page (p. 40).**

## ▼ Fixture Specifications

Description	Input Voltage	Output Frequency	Amperage	Dimming Range	Lamps	Dimensions	Weight w/Lamps
ParaBeam 410 DMX Yoke	120VAC 50/60Hz	30kHz	2.0A	100-5%	4 x 55W CFL	29.5 x 26.5 x 6" (75 x 67 x 15.2cm)	22.5 lb (10kg)
ParaBeam 410 DMX Yoke	230VAC 50/60Hz	30kHz	1.1A	100-5%	4 x 55W CFL	29.5 x 26.5 x 6" (75 x 67 x 15.2cm)	22.5 lb (10kg)
ParaBeam 210 DMX Yoke	120VAC 50/60Hz	30kHz	1.1A	100-5%	2 x 55W CFL	29.5 x 16 x 6" (75 x 40 x 15cm)	16 lb (7kg)
ParaBeam 210 DMX Yoke	230VAC 50/60Hz	30kHz	0.6A	100-5%	2 x 55W CFL	29.5 x 16 x 6" (75 x 40 x 15cm)	16 lb (7kg)

## ▼ Details



## ▼ ParaBeam Yoke Accessories/ Lamps



**BRD-P4**  
ParaBeam 410 Barndoors



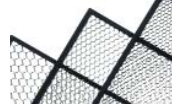
**BRD-P2**  
ParaBeam 210 Barndoors



**LVR-P490**  
ParaBeam 410 Louver 90°

**LVR-P460**  
ParaBeam 410 Louver 60°

**LVR-P445**  
ParaBeam 410 Louver 45°



**LVR-P290-P**  
ParaBeam 210 Louver/HP, 90°

**LVR-P260-P**  
ParaBeam 210 Louver/HP, 60°

**LVR-P245**  
ParaBeam 210 Louver 45°



**MTP-180**  
Junior Pin Assembly for Yoke  
(28mm)



**7010004**  
ParaBeam 410 Yoke



**7010005**  
ParaBeam 210 Yoke



**7010006**  
ParaBeam 410 Pole-Op



**7010007**  
ParaBeam 210 Pole-Op

**55C-K32**  
55W Kino KF32 Compact

**55C-K55**  
55W Kino KF55 Compact

# ParaZip® DMX



ParaZip 400 DMX



ParaZip 200 DMX

The ParaZip® 400 and 200 luminaires complement the expanding line of Kino Flo soft light fixtures for television broadcast studios. The sleek ParaZips display a wide, soft beam of incandescent or daylight quality light (CRI 95) that can be dimmed up or down. The ParaZip 400 has switching and dimming controls, the ParaZip 200 features dimming only. Both fixtures have:

- DMX and manual dimming
- Parabolic intensifying reflector
- Gel Frame
- Focusing Louver
- True Match® daylight and tungsten balanced lamps

Available in Yoke Mount and Pole-Op.

## ▼ Photometrics

ParaZip 400	FC	818	308	153	91	60	42	32	25	20	16
	Feet	2	4	6	8	10	12	14	16	18	20

ParaZip 200	FC	447	153	77	45	30	21	16	12	10	8
	Feet	2	4	6	8	10	12	14	16	18	20

ParaZip 400	LUX	11090	4479	2325	1400	926	657	513	382	305	252
	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

ParaZip 200	LUX	6158	2314	1184	711	470	334	250	195	155	128
	Meters	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5

## ▼ Fixture Specifications

Description	Input Voltage	Output Frequency	Amperage	Dimming Range	Lamps	Dimensions	Weight w/Lamps
ParaZip 400 DMX	120VAC 50/60Hz	30kHz	2.0A	100-5%	4 x 55W CFL	50 x 16 x 6.5" (127 x 40.5 x 16.5cm)	20 lb (9.0kg)
ParaZip 400 DMX	230VAC 50/60Hz	30kHz	1.1A	100-5%	4 x 55W CFL	50 x 16 x 6.5" (127 x 40.5 x 16.5cm)	20 lb (9.0kg)
ParaZip 200 DMX	120VAC 50/60Hz	30kHz	1.1A	100-5%	2 x 55W CFL	50 x 11.5 x 5.5" (127 x 29 x 14cm)	14 lb (6.5kg)
ParaZip 200 DMX	230VAC 50/60Hz	30kHz	0.6A	100-5%	2 x 55W CFL	50 x 11.5 x 5.5" (127 x 29 x 14cm)	14 lb (6.5kg)

## ▼ Details



Pole-Operation

### ▼ ParaZip 400 DMX



**ZIP-400-120**  
ParaZip 400 DMX, 120VAC



**ZIP-400-230**  
ParaZip 400 DMX, 230VAC



**ZIP-400P-120**  
ParaZip 400 DMX Pole-Op, 120VAC

**ZIP-400P-230**  
ParaZip 400 DMX Pole-Op, 230VAC

**GFR-Z4**  
ParaZip 400 Gel Frame (Included)



**LVR-Z4-S**  
ParaZip 400 Louver/Silver (Included)

### ▼ ParaZip 200 DMX



**ZIP-200-120**  
ParaZip 200 DMX, 120VAC



**ZIP-200-230**  
ParaZip 200 DMX, 230VAC



**ZIP-200P-120**  
ParaZip 200 DMX Pole-Op, 120VAC

**ZIP-200P-230**  
ParaZip 200 DMX Pole-Op, 230VAC

**GFR-Z2**  
ParaZip 200 Gel Frame (Included)



**LVR-Z2-S**  
ParaZip 200 Louver/Silver (Included)

### ▼ ParaZip Accessories/ Lamps



**BRD-Z42**  
ParaZip 400/200 Bardoors



**LVR-Z490**  
ParaZip 400 Louver 90°

**LVR-Z460**  
ParaZip 400 Louver 60°

**LVR-Z445**  
ParaZip 400 Louver 45°



**LVR-Z290**  
ParaZip 200 Louver 90°

**LVR-Z260**  
ParaZip 200 Louver 60°

**LVR-Z245**  
ParaZip 200 Louver 45°



**MTP-180**  
Junior Pin Assembly for Yoke (28mm)



**MTP-140**  
Baby Receiver Assembly for Yoke (16mm)



**KAS-Z41**  
ParaZip 400 Ship Case



**KAS-Z21**  
ParaZip 200 Ship Case

**55C-K32**  
55W Kino KF32 Compact

**55C-K55**  
55W Kino KF55 Compact

# Desk-Lite 121



**K**ino Flo has been meeting lighting challenges for more than 25 years in and out of the studio. The new Desk-Lite 121 joins the family of HD studio softlights such as the ParaBeam and VistaBeam luminaires, providing faithful color and reliable light quality over the long life of our True Match® lamps.

The soft fill light from the new Desk-Lite 121 makes on-air talent look their very best in HD TV news studios. Hidden in anchor desks and other built-in set pieces, the soft, cool, energy efficient Desk-Lite 121 fills in shadows under the eyes and chin, and smoothes skin details without distracting the viewing audience.

The Desk-Lite 121 boasts a 12" high color rendering T5 lamp (CRI 95) and parabolic reflector for close range or medium zone distances. Because it's a Kino Flo, the lamp operates coolly, unlike tungsten hot light sources, and only draws about .3 amps (120VAC). The trim, lightweight fixture includes onboard electronics, on/off controls, removable focusing louver and a 180° center mount system.

The fixture displays a soft even field of light of 35 Foot Candles (FC) at two feet; 15 FC at three feet; and 8 FC at four feet. Up lighting faces on a news desk requires between 5 FC and 15 FC depending on the key lights and ambient light reflecting onto the subject.

Key features include:

- Alloy fixture and polished reflector
- Built-in, dead quiet electronics
- Flicker-free ballast
- 180° adjustable mount
- Removable Louver
- True Match® tungsten and daylight lamps

## ▼ Photometrics

	118	35	15	8	5
<b>Desk-Lite 121</b>					
FC	118	35	15	8	5
Feet	1	2	3	4	5
LUX	1819	508	231	132	84
Meters	0.25	0.5	0.75	1	1.25

## ▼ Fixture Specifications

Fixture	Input Voltage	Output Frequency	Amperage	Lamp Switching	Lamp Type	Dimensions	Weight w/ Lamp
<b>Desk-Lite 121</b>	120VAC 50/60Hz	48kHz	0.3A	On/Off	F8/T5	13 x 3 x 2.5" (33 x 7.6 x 6.4cm)	1.6 lb (0.7kg)
<b>Desk-Lite 121</b>	230VAC 50/60Hz	48kHz	0.1A	On/Off	F8/T5	13 x 3 x 2.5" (33 x 7.6 x 6.4cm)	1.6 lb (0.7kg)

## ▼ Details



## ▼ Desk-Lite 121 / Lamps

	<b>DES-121-120</b> Desk-Lite 121, 120VAC		<b>122-K32</b> 12" Kino KF32
	<b>DES-121-230</b> Desk-Lite 121, 230VAC		<b>122-K55</b> 12" Kino KF55
	<b>LVR-D121-B</b> 12" Desk-Lite 121 Louver (Included)		

# Kits ▶



# Kits

## ▼ Celeb 400 DMX LED Kits



**KIT-C4-120U**  
Celeb 400 DMX Center Mount Kit, Univ 120U

**KIT-C4-230U**  
Celeb 400 DMX Center Mount Kit, Univ 230U

<b>Contents</b>	<b>Dimensions</b>
1 Celeb 400 DMX Center	51 x 9.5 x 19"
1 Ship Case	(129.5 x 24 x 48.5cm)
	<b>Weight</b>
	48 lb (22kg)



**KIT-C4Y-120U**  
Celeb 400 DMX Yoke Mount Kit, Univ 120U

**KIT-C4Y-230U**  
Celeb 400 DMX Yoke Mount Kit, Univ 230U

<b>Contents</b>	<b>Dimensions</b>
1 Celeb 400 DMX Yoke	53.5 x 9 x 23.5"
1 Jr. Pin	(136 x 23 x 60cm)
1 Ship Case	<b>Weight</b>
	53 lb (24kg)

## ▼ Celeb 200 DMX LED Kit



**KIT-C2-120U**  
Celeb 200 DMX Center Mount Kit, Univ 120U

**KIT-C2-230U**  
Celeb 200 DMX Center Mount Kit, Univ 230U

<b>Contents</b>	<b>Dimensions</b>
1 Celeb 200 DMX Center	29 x 10.5 x 17"
1 Flight Case	(74 x 27 x 43cm)
	<b>Weight</b>
	31 lb (14kg)

## ▼ 4Bank/ Gaffer Kits



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

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

<b>Contents</b>	<b>Dimensions</b>
2 4ft 4Bank System	56.5 x 13 x 21.5"
w/ MTP-BL41 Mount	(143.5 x 33 x 55cm)
2 Lamp Case	<b>Weight</b>
1 Gaffer Ship Case	73.5 lb (33.5kg)



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

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

<b>Contents</b>	<b>Dimensions</b>
2 4ft 4Bank DMX System	56.5 x 13 x 21.5"
w/ MTP-BL41 Mount	(143.5 x 33 x 55cm)
2 Lamp Case	<b>Weight</b>
1 Gaffer Ship Case	75.5 lb (34kg)



**KIT-4804B-120**  
4ft 4Bank Kit, 120VAC (1-Unit) w/ Soft Case

**KIT-4804B-230**  
4ft 4Bank Kit, 230VAC (1-Unit) w/ Soft Case

<b>Contents</b>	<b>Dimensions</b>
1 4ft 4Bank System	55 x 8 x 19.5"
w/ MTP-BL41 Mount	(140 x 20.5 x 49.5cm)
1 Lamp Case	<b>Weight</b>
1 Soft Case	26 lb (12kg)

## ▼ 4Bank/ Interview Kits



**KIT-2NF-120**  
Interview Kit, 120VAC (2-Unit)

**KIT-2NF-230**  
Interview Kit, 230VAC (2-Unit)

<b>Contents</b>	<b>Dimensions</b>
2 2ft 4Bank System	35.5 x 13 x 22"
w/ MTP-BL41 Mount	(90 x 33 x 56cm)
2 Lamp Case	<b>Weight</b>
1 Interview Ship Case	57.5 lb (26kg)



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

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

<b>Contents</b>	<b>Dimensions</b>
2 2ft 4Bank DMX System	35.5 x 13 x 22"
w/ MTP-BL41 Mount	(90 x 33 x 56cm)
2 Lamp Case	<b>Weight</b>
1 Interview Ship Case	59.5 lb (27kg)



**KIT-2404B-120**  
2ft 4Bank Kit, 120VAC (1-Unit) w/ Soft Case

**KIT-2404B-230**  
2ft 4Bank Kit, 230VAC (1-Unit) w/ Soft Case

<b>Contents</b>	<b>Dimensions</b>
1 2ft 4Bank System	28.5 x 7.5 x 20"
w/ MTP-BL41 Mount	(72.5 x 19 x 51cm)
1 Lamp Case	<b>Weight</b>
1 Soft Case	20.5 lb (9.5kg)



**KIT-3NF-120**  
Interview Kit, 120VAC (3-Unit)

**KIT-3NF-230**  
Interview Kit, 230VAC (3-Unit)

<b>Contents</b>	<b>Dimensions</b>
1 2ft 4Bank System	35.5 x 13 x 23"
w/ MTP-BL41 Mount	(90 x 33 x 58.5cm)
2 2ft Double System	<b>Weight</b>
w/ MTP-BL41 Mount	64 lb (29kg)
2 Lamp Case	
1 Interview Ship Case	

# Kits

## ▼ Diva-Lite 401 Kits



**KIT-D4-120**  
Diva-Lite 401 Kit, 120VAC

**KIT-D4-230**  
Diva-Lite 401 Kit, 230VAC

<b>Contents</b>	<b>Dimensions</b>
1 Diva-Lite 401	28 x 8.5 x 19.5"
1 Flozier, Full	(71 x 22 x 49.5cm)
1 Lamp Case	<b>Weight</b>
1 Travel Case	25 lb (11.5kg)



**KIT-D4-120/STD**  
Diva-Lite 401 Kit, 120VAC w/ Stand

**KIT-D4-230/STD**  
Diva-Lite 401 Kit, 230VAC w/ Stand

<b>Contents</b>	<b>Dimensions</b>
1 Diva-Lite 401	31.5 x 9 x 22"
1 Flozier, Full	(80 x 23 x 56cm)
1 Offset Mount	<b>Weight</b>
1 Medium Duty Stand, 30"	33 lb (15kg)
1 Lamp Case	
1 Travel Case	



**KIT-D42-120**  
Diva-Lite 401 Kit, 120VAC (2-Unit) w/ Flight Case

**KIT-D42-230**  
Diva-Lite 401 Kit, 230VAC (2-Unit) w/ Flight Case

<b>Contents</b>	<b>Dimensions</b>
2 Diva-Lite 401	22.5 x 16 x 33.5"
2 Flozier, Full	(57 x 41 x 85cm)
2 Offset Mount	<b>Weight</b>
2 Medium Duty Stand, 30"	65.5 lb (30kg)
2 Lamp Case	
1 Flight Case	

## ▼ Diva-Lite 400 Universal Kits



**KIT-D4-120U**  
Diva-Lite 400 Kit, Univ 120U

**KIT-D4-230U**  
Diva-Lite 400 Kit, Univ 230U

<b>Contents</b>	<b>Dimensions</b>
1 Diva-Lite 400 Universal	28 x 8.5 x 19.5"
1 Flozier, Full	(71 x 22 x 49.5cm)
1 Lamp Case	<b>Weight</b>
1 Travel Case	26 lb (12kg)



**KIT-D4-120U/STD**  
Diva-Lite 400 Kit, Univ 120U w/ Stand

**KIT-D4-230U/STD**  
Diva-Lite 400 Kit, Univ 230U w/ Stand

<b>Contents</b>	<b>Dimensions</b>
1 Diva-Lite 400 Universal	31.5 x 9 x 22"
1 Flozier, Full	(80 x 23 x 56cm)
1 Offset Mount	<b>Weight</b>
1 Medium Duty Stand, 30"	34 lb (15.5kg)
1 Lamp Case	
1 Travel Case	



**KIT-D42-120U**  
Diva-Lite 400 Kit, Univ 120U (2-Unit) w/ Flight Case

**KIT-D42-230U**  
Diva-Lite 400 Kit, Univ 230U (2-Unit) w/ Flight Case

<b>Contents</b>	<b>Dimensions</b>
2 Diva-Lite 400 Universal	22.5 x 16 x 33.5"
2 Flozier, Full	(57 x 41 x 85cm)
2 Offset Mount	<b>Weight</b>
2 Medium Duty Stand, 30"	66 lb (30kg)
2 Lamp Case	
1 Flight Case	

## ▼ Diva-Lite 201 Kits



**KIT-D2-120**  
Diva-Lite 201 Kit, 120VAC

**KIT-D2-230**  
Diva-Lite 201 Kit, 230VAC

<b>Contents</b>	<b>Dimensions</b>
1 Diva-Lite 201	28 x 8 x 15.5"
1 Flozier, Full	(71 x 20.5 x 39.5cm)
1 Lamp Case	<b>Weight</b>
1 Travel Case	19 lb (9kg)



**KIT-D2-120/STD**  
Diva-Lite 201 Kit, 120VAC w/ Stand

**KIT-D2-230/STD**  
Diva-Lite 201 Kit, 230VAC w/ Stand

<b>Contents</b>	<b>Dimensions</b>
1 Diva-Lite 201	28 x 8.5 x 19.5"
1 Flozier, Full	(71 x 22 x 49.5cm)
1 Offset Mount	<b>Weight</b>
1 Reverse Stand	26.5 lb (12kg)
1 Lamp Case	
1 Travel Case	



**KIT-D22-120**  
Diva-Lite 201 Kit, 120VAC (2-Unit) w/ Flight Case

**KIT-D22-230**  
Diva-Lite 201 Kit, 230VAC (2-Unit) w/ Flight Case

<b>Contents</b>	<b>Dimensions</b>
2 Diva-Lite 201	22.5 x 13.5 x 33.5"
2 Flozier, Full	(57 x 34.5 x 85cm)
2 Offset Mount	<b>Weight</b>
2 Medium Duty Stand, 30"	55 lb (25kg)
1 Lamp Case	
1 Flight Case	



▼ Tegra 4Bank DMX Kits



**KTF450-120U**  
Tegra 4Bank DMX Kit, Univ 120U

**KTF450-230U**  
Tegra 4Bank DMX Kit, Univ 230U

<b>Contents</b>	<b>Dimensions</b>
1 Tegra 4Bank DMX	54.5 x 9 x 21"
1 Flozier, Half	(138.5 x 23 x 53.5cm)
1 Lamp Case	<b>Weight</b>
1 Travel Case	41 lb (19kg)



**KTF450B-120U**  
Tegra 4Bank DMX Kit, Univ 120U w/ Soft Case

**KTF450B-230U**  
Tegra 4Bank DMX Kit, Univ 230U w/ Soft Case

<b>Contents</b>	<b>Dimensions</b>
1 Tegra 4Bank DMX	55 x 8 x 19.5"
1 Flozier, Half	(140 x 20.5 x 49.5cm)
1 Lamp Case	<b>Weight</b>
1 Soft Case	23 lb (10.5kg)

▼ Flathead 80 Kits



**KTF80-1/120**  
Flathead 80 Select Kit, 120VAC

**KTF80-1/230**  
Flathead 80 Select Kit, 230VAC

<b>Contents</b>	<b>Dimensions</b>
1 Flathead 80 Select System	57 x 10.5 x 29"
1 Ship Case	(145 x 27 x 74cm)
	<b>Weight</b>
	83 lb (38kg)



**KTF80-X1/120**  
Flathead 80 DMX Kit, 120VAC

**KTF80-X1/230**  
Flathead 80 DMX Kit, 230VAC

<b>Contents</b>	<b>Dimensions</b>
1 Flathead 80 DMX System	57 x 10.5 x 29"
1 Ship Case	(145 x 27 x 74cm)
	<b>Weight</b>
	85 lb (39kg)

▼ BarFly 450 DMX / 200D Kits



**KTFB450-120U**  
BarFly 450 DMX Kit, Univ 120U (1-Unit)

**KTFB450-230U**  
BarFly 450 DMX Kit, Univ 230U (1-Unit)

<b>Contents</b>	<b>Dimensions</b>
1 BarFly 450 DMX	31.5 x 9 x 22"
1 Mount	(80 x 23 x 56cm)
1 Medium Duty Stand, 30"	<b>Weight</b>
1 Lamp Case	32 lb (14.5kg)
1 Travel Case	



**KTFB220-120U**  
BarFly 200D Kit, Univ 120U (2-Unit)

**KTFB220-230U**  
BarFly 200D Kit, Univ 230U (2-Unit)

<b>Contents</b>	<b>Dimensions</b>
2 BarFly 200D	31.5 x 9 x 22"
2 Mount	(80 x 23 x 56cm)
2 Reverse Stand	<b>Weight</b>
1 Lamp Case	39.5 lb (18kg)
1 Travel Case	

▼ Vista Single Kits



**KTFV102-120**  
Vista Single Kit, 120VAC (2-Unit)

**KTFV102-230**  
Vista Single Kit, 230VAC (2-Unit)

<b>Contents</b>	<b>Dimensions</b>
2 Vista Single Fixture	42 x 12.5 x 17"
2 Vista Single Ballast	(107 x 32 x 43cm)
2 Mount	<b>Weight</b>
2 Extension, 25ft	48.5 lb (22kg)
2 Vista Single Louver 90°	
2 Vista Single Louver 60°	
1 Louver Case	
1 Lamp Case	
1 Ship Case	



**KTFV101-120**  
Vista Single Kit, 120VAC (1-Unit) w/ Soft Case

**KTFV101-230**  
Vista Single Kit, 230VAC (1-Unit) w/ Soft Case

<b>Contents</b>	<b>Dimensions</b>
1 Vista Single Fixture	40.5 x 10.5 x 16"
1 Vista Single Ballast	(103 x 27 x 41cm)
1 Mount	<b>Weight</b>
1 Extension, 25ft	21 lb (9.5kg)
1 Vista Single Louver 90°	
1 Lamp Case	
1 Soft Case	

▼ Mini-Flo Kits (DC)



**KTF139X/12**  
Mini-Flo Kit 12" Universal (2x BAL-139X)

<b>Contents</b>	<b>Dimensions</b>
2 12VDC Mini-Flo Ballast	21.5 x 7.5 x 16"
2 2.4 Amp Universal Power Supply	(55 x 19 x 41cm)
2 12" Fixture	<b>Weight</b>
2 Extension, 12ft	13 lb (6kg)
2 Mount	
1 Flex Arm, 6ft	
1 Alligator Clip Adapter XLR	
1 Car Adapter XLR	
1 Splitter XLR	
1 Travel Case	



**KTF139X/09**  
Mini-Flo Kit 9" Universal (2x BAL-139X)

<b>Contents</b>	<b>Dimensions</b>
2 12VDC Mini-Flo Ballast	21.5 x 7.5 x 16"
2 2.4 Amp Universal Power Supply	(55 x 19 x 41cm)
2 9" Fixture	<b>Weight</b>
2 Extension, 12ft	13 lb (6kg)
2 Mount	
1 Flex Arm, 6ft	
1 Alligator Clip Adapter XLR	
1 Car Adapter XLR	
1 Splitter XLR	
1 Travel Case	

# Kits

## ▼ Image 87 DMX Kits



**KTF87-X1/120**  
Image 87 DMX Kit, 120VAC

**KTF87-X1/230**  
Image 87 DMX Kit, 230VAC

<b>Contents</b>	<b>Dimensions</b>
1 Image 87 DMX 1 Jr. Pin 1 Ship Case	57.5 x 8 x 35.5" (146 x 20.5 x 90cm)
	<b>Weight</b> 62 lb (28kg)



**KTF87-X2/120**  
Image 87 DMX Kit, 120VAC (2-Unit)

**KTF87-X2/230**  
Image 87 DMX Kit, 230VAC (2-Unit)

<b>Contents</b>	<b>Dimensions</b>
2 Image 87 DMX 2 Jr. Pin 1 Ship Case	57.5 x 17 x 40" (146 x 43 x 102cm)
	<b>Weight</b> 163 lb (74kg)



**KTF87-X4/120**  
Image 87 DMX Kit, 120VAC (4-Unit)

**KTF87-X4/230**  
Image 87 DMX Kit, 230VAC (4-Unit)

<b>Contents</b>	<b>Dimensions</b>
4 Image 87 DMX 4 Jr. Pin 1 Ship Case	35.5 x 33.5 x 64" (90 x 85 x 163cm)
	<b>Weight</b> 365 lb (166kg)

## ▼ Image 47 DMX Kit



**KTF47-X1/120**  
Image 47 DMX Kit, 120VAC

**KTF47-X1/230**  
Image 47 DMX Kit, 230VAC

<b>Contents</b>	<b>Dimensions</b>
1 Image 47 DMX 1 Jr. Pin 1 Ship Case	57.5 x 9 x 25.5" (146 x 23 x 65cm)
	<b>Weight</b> 47 lb (21.5kg)

## ▼ Imara S10 / S6 DMX Kits



**KTFM10-1/120**  
Imara S10 DMX Yoke Mount Kit, 120VAC

**KTFM10-1/230**  
Imara S10 DMX Yoke Mount Kit, 230VAC

<b>Contents</b>	<b>Dimensions</b>
1 Imara S10 DMX Yoke 1 Jr. Pin 1 Ship Case	44.5 x 11 x 35.5" (113 x 28 x 90cm)
	<b>Weight</b> 62.5 lb (28.5kg)



**KTFM6-1/120**  
Imara S6 DMX Yoke Mount Kit, 120VAC

**KTFM6-1/230**  
Imara S6 DMX Yoke Mount Kit, 230VAC

<b>Contents</b>	<b>Dimensions</b>
1 Imara S6 DMX Yoke 1 Jr. Pin 1 Ship Case	31 x 11 x 35.5" (79 x 28 x 90cm)
	<b>Weight</b> 48 lb (22kg)

## ▼ VistaBeam 610 / 310 DMX Kits



**KTFV6C-120**  
VistaBeam 610 DMX Center Mount Kit, 120VAC

**KTFV6C-230**  
VistaBeam 610 DMX Center Mount Kit, 230VAC

<b>Contents</b>	<b>Dimensions</b>
1 VistaBeam 610 Center 1 Ship Case	41.5 x 16 x 44" (105.5 x 40.5 x 112cm)
	<b>Weight</b> 135 lb (61kg)



**KTFV3C-120**  
VistaBeam 310 DMX Center Mount Kit, 120VAC

**KTFV3C-230**  
VistaBeam 310 DMX Center Mount Kit, 230VAC

<b>Contents</b>	<b>Dimensions</b>
1 VistaBeam 310 Center 1 Ship Case	41.5 x 14.5 x 25.5" (105.5 x 37 x 65cm)
	<b>Weight</b> 79.5 lb (36kg)

## ▼ ParaBeam 410 / 210 DMX Kits



**KTFP4-120**  
ParaBeam 410 DMX Center Mount Kit, 120VAC

**KTFP4-230**  
ParaBeam 410 DMX Center Mount Kit, 230VAC

<b>Contents</b>	<b>Dimensions</b>
1 ParaBeam 410 Center 1 Lamp Case 1 Ship Case	29.5 x 12 x 29.5" (75 x 30.5 x 75cm)
	<b>Weight</b> 50.5 lb (23kg)

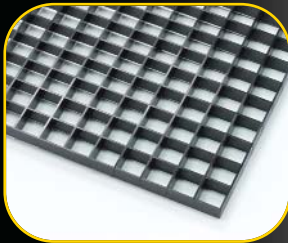


**KTFP2-120**  
ParaBeam 210 DMX Center Mount Kit, 120VAC

**KTFP2-230**  
ParaBeam 210 DMX Center Mount Kit, 230VAC

<b>Contents</b>	<b>Dimensions</b>
1 ParaBeam 210 Center 1 Lamp Case 1 Ship Case	22 x 12 x 29.5" (56 x 30.5 x 75cm)
	<b>Weight</b> 36.5 lb (17kg)

# Accessories, Cases, Lamps



# Products

## ▼ Ballasts



- BAL-105-M120 . . . . . Mega Single Ballast, 120VAC
- BAL-105-S120 . . . . . Select Single Ballast, 120VAC
- BAL-115-230 . . . . . Select Single Ballast, 230VAC
- BAL-115-M230 . . . . . Mega Single Ballast, 230VAC
- BAL-125-120 . . . . . Vista Single Ballast, 120VAC
- BAL-125-230 . . . . . Vista Single Ballast, 230VAC
- BAL-139X . . . . . Mini-Flo Ballast, 12VDC
- BAL-215-120 . . . . . Select Double Ballast, 120VAC
- BAL-215-230 . . . . . Select Double Ballast, 230VAC
- BAL-215-M120 . . . . . Mega Double Ballast, 120VAC
- BAL-215-M230 . . . . . Mega Double Ballast, 230VAC
- BAL-415-120 . . . . . Select 4Bank Ballast, 120VAC
- BAL-415-230 . . . . . Select 4Bank Ballast, 230VAC
- BAL-455-120 . . . . . Select/DMX 4Bank Ballast, 120VAC
- BAL-455-230 . . . . . Select/DMX 4Bank Ballast, 230VAC
- BAL-455-M120 . . . . . Mega 4Bank DMX Ballast, 120VAC
- BAL-455-M230 . . . . . Mega 4Bank DMX Ballast, 230VAC

## ▼ Barndoors



- BRD-CE2 . . . . . Celeb 200 Barndoors (Set of 4)
- BRD-CE4 . . . . . Celeb 400 Barndoors (Set of 4)
- BRD-I40 . . . . . Image 47 Barndoors (Set of 4)
- BRD-I80 . . . . . Image 87 Barndoors (Set of 4)
- BRD-IM6 . . . . . Imara S6 Barndoors (Set of 4)
- BRD-IM10 . . . . . Imara S10 Barndoors (Set of 4)
- BRD-P2 . . . . . ParaBeam 210 Barndoors (Set of 4)
- BRD-P4 . . . . . ParaBeam 410 Barndoors (Set of 4)
- BRD-Z42 . . . . . ParaZip 400/200 Barndoors (Set of 2)

## ▼ Combiners and Splitters



- X04-A16 . . . . . Single to 4Bank Combiner
- X04-A9 . . . . . Single to Double Combiner
- X07-A19M . . . . . Mega Single to Mega 4Bank Combiner
- X07-A9M . . . . . Mega Single to Mega Double Combiner
- X09-A16 . . . . . Double to 4Bank Combiner
- X09-A4 . . . . . Double to Single Splitter
- X09-A19M . . . . . Mega Double to Mega 4Bank Combiner
- X09-A7M . . . . . Mega Double to Mega Single Splitter
- X16-A4 . . . . . 4Bank to Single Splitter
- X16-A9 . . . . . 4Bank to Double Splitter
- X19-A7M . . . . . Mega 4Bank to Mega Single Splitter
- X19-A9M . . . . . Mega 4Bank to Mega Double Splitter

## ▼ Diffusion



- DFS-4802 . . . . . 4ft Double Flozier, Full
- DFS-4802-H . . . . . 4ft Double Flozier, Half
- DFS-4804 . . . . . 4ft 4Bank Flozier, Full
- DFS-4804-H . . . . . 4ft 4Bank Flozier, Half
- DFS-D2 . . . . . Diva-Lite 201/2ft Double Flozier, Full
- DFS-D2-H . . . . . Diva-Lite 201/2ft Double Flozier, Half
- DFS-D4 . . . . . Diva-Lite 401/2ft 4Bank Flozier, Full
- DFS-D4-H . . . . . Diva-Lite 401/2ft 4Bank Flozier, Half

## ▼ Dimmer



- DIM-5 . . . . . Remote Dimmer/ Lamp Selector

## ▼ Extensions



- X02-12S . . . . . Mini-Flo Extension, 12ft
- X04-12 . . . . . Single Extension, 12ft
- X04-25 . . . . . Single Extension, 25ft
- X07-25M . . . . . Mega Single Extension, 25ft
- X07-6125 . . . . . Vista Single Extension, 25ft
- X09-12 . . . . . Double Extension, 12ft
- X09-25 . . . . . Double Extension, 25ft
- X09-25M . . . . . Mega Double Extension, 25ft
- X16-12 . . . . . 4Bank Extension, 12ft
- X16-25 . . . . . 4Bank Extension, 25ft
- X19-25M . . . . . Mega 4Bank Extension, 25ft
- XLR-515 . . . . . DMX Cable 5-Pin XLR, 15ft
- XLR-525 . . . . . DMX Cable 5-Pin XLR, 25ft

## ▼ Fixtures



- CFX-091 . . . . . 9" Mini-Flo Fixture
- CFX-1201 . . . . . 12" Mini-Flo Fixture
- CFX-2401 . . . . . 2ft Single Fixture
- CFX-2402 . . . . . 2ft Double Fixture
- CFX-2404 . . . . . 2ft 4Bank Fixture
- CFX-4801 . . . . . 4ft Single Fixture
- CFX-4802 . . . . . 4ft Double Fixture
- CFX-4804 . . . . . 4ft 4Bank Fixture
- CFX-4808 . . . . . Flathead 80 Fixture
- CFX-7201 . . . . . 6ft Mega Single Fixture
- CFX-7202 . . . . . 6ft Mega Double Fixture
- CFX-7204 . . . . . 6ft Mega 4Bank Fixture
- CFX-9601 . . . . . 8ft Mega Single Fixture
- CFX-9602 . . . . . 8ft Mega Double Fixture
- CFX-9604 . . . . . 8ft Mega 4Bank Fixture
- CFX-V100 . . . . . Vista Single Fixture

## ▼ Fixture Shells



- FIX-091 . . . . . 9" Mini-Flo Fixture Shell
- FIX-1201 . . . . . 12" Mini-Flo Fixture Shell
- FIX-2401 . . . . . 2ft Single Fixture Shell
- FIX-2402 . . . . . 2ft Double Fixture Shell
- FIX-2404 . . . . . 2ft 4Bank Fixture Shell
- FIX-4801 . . . . . 4ft Single Fixture Shell
- FIX-4802 . . . . . 4ft Double Fixture Shell
- FIX-4804 . . . . . 4ft 4Bank Fixture Shell
- FIX-7201 . . . . . 6ft Mega Single Fixture Shell
- FIX-7202 . . . . . 6ft Mega Double Fixture Shell
- FIX-7204 . . . . . 6ft Mega 4Bank Fixture Shell
- FIX-9601 . . . . . 8ft Mega Single Fixture Shell
- FIX-9602 . . . . . 8ft Mega Double Fixture Shell
- FIX-9604 . . . . . 8ft Mega 4Bank Fixture Shell
- FIX-V100 . . . . . Vista Single Fixture Shell

## ▼ Gel Frames



- GFR-B2 . . . . . BarFly 200 Gel Frame
- GFR-B4 . . . . . BarFly 450 Gel Frame
- GFR-CE2 . . . . . Celeb 200 Gel Frame
- GFR-CE4 . . . . . Celeb 400 Gel Frame
- GFR-D2 . . . . . Diva-Lite 201 Gel Frame
- GFR-D4 . . . . . Diva-Lite 401 Gel Frame
- GFR-I40 . . . . . Image 47 Gel Frame
- GFR-I80 . . . . . Image 87/Flathead 80 Gel Frame
- GFR-IM6 . . . . . Imara S6 Gel Frame
- GFR-IM10 . . . . . Imara S10 Gel Frame
- GFR-P2 . . . . . ParaBeam 210 Gel Frame
- GFR-P4 . . . . . ParaBeam 410 Gel Frame
- GFR-V3 . . . . . VistaBeam 310 Gel Frame
- GFR-V6 . . . . . VistaBeam 610 Gel Frame
- GFR-Z2 . . . . . ParaZip 200 Gel Frame
- GFR-Z4 . . . . . ParaZip 400 Gel Frame

▼ Harnesses



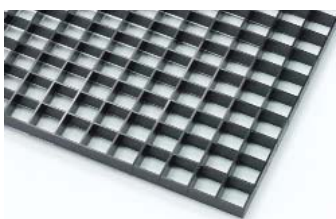
- HAR-091 . . . . . 9" Mini-Flo Harness
- HAR-1201 . . . . . 12" Mini-Flo Harness
- HAR-1501 . . . . . 15" Single Locking Harness
- HAR-2401 . . . . . 2ft Single Locking Harness
- HAR-2402 . . . . . 2ft Double Locking Harness
- HAR-2404 . . . . . 2ft 4Bank Locking Harness
- HAR-4801 . . . . . 4ft Single Locking Harness
- HAR-4802 . . . . . 4ft Double Locking Harness
- HAR-4804 . . . . . 4ft 4Bank Locking Harness
- HAR-7201 . . . . . 6ft Mega Single Locking Harness
- HAR-7202 . . . . . 6ft Mega Double Locking Harness
- HAR-7204 . . . . . 6ft Mega 4Bank Locking Harness
- HAR-9601 . . . . . 8ft Mega Single Locking Harness
- HAR-9602 . . . . . 8ft Mega Double Locking Harness
- HAR-9604 . . . . . 8ft Mega 4Bank Locking Harness
- HAR-V100 . . . . . Vista Single Locking Harness

▼ Louvers—BatWing



- BAT-W1 . . . . . BatWing Single Louver (5pk)
- BAT-W2 . . . . . BatWing Double Louver (5pk)
- BAT-W4 . . . . . BatWing 4Bank Louver (5pk)

▼ Louvers—Black



- LVR-091-B . . . . . 9" Mini-Flo Louver (Black)
- LVR-1201-B . . . . . 12" Mini-Flo Louver (Black)
- LVR-2401-B . . . . . 2ft Single Louver (Black)
- LVR-2402-B . . . . . 2ft Double Louver (Black)
- LVR-2404-B . . . . . 2ft 4Bank Louver (Black)
- LVR-3601-B . . . . . 3ft Single Louver (Black)
- LVR-3602-B . . . . . 3ft Double Louver (Black)
- LVR-3604-B . . . . . 3ft 4Bank Louver (Black)
- LVR-4801-B . . . . . 4ft Single Louver (Black)
- LVR-4802-B . . . . . 4ft Double Louver (Black)
- LVR-4804-B . . . . . 4ft 4Bank Louver (Black)
- LVR-D121-B . . . . . 12" Desk-Lite 121 Louver (Black)
- LVR-180-B . . . . . Image 87/Flathead 80 Louver (Black)

▼ Louvers—Honeycomb



- LVR-B245 . . . . . BarFly 200 Louver-Honeycomb, 45°
- LVR-B260 . . . . . BarFly 200 Louver-Honeycomb, 60°
- LVR-B290 . . . . . BarFly 200 Louver-Honeycomb, 90°
- LVR-B445 . . . . . BarFly 450 Louver-Honeycomb, 45°
- LVR-B460 . . . . . BarFly 450 Louver-Honeycomb, 60°
- LVR-B490 . . . . . BarFly 450 Louver-Honeycomb, 90°
- LVR-CE260-P . . . . . Celeb 200 Louver/HP, 60°
- LVR-CE290-P . . . . . Celeb 200 Louver/HP, 90°
- LVR-CE460 . . . . . Celeb 400 Louver-Honeycomb, 60°
- LVR-CE490 . . . . . Celeb 400 Louver-Honeycomb, 90°
- LVR-D260-P . . . . . Diva-Lite 201 Louver/HP, 60°
- LVR-D290-P . . . . . Diva-Lite 201 Louver/HP, 90°
- LVR-D460-P . . . . . Diva-Lite 401 Louver/HP, 60°
- LVR-D490-P . . . . . Diva-Lite 401 Louver/HP, 90°
- LVR-G460 . . . . . Tegra 4Bank Louver-Honeycomb, 60°
- LVR-G490 . . . . . Tegra 4Bank Louver-Honeycomb, 90°
- LVR-P245 . . . . . ParaBeam 210 Louver-Honeycomb, 45°
- LVR-P260-P . . . . . ParaBeam 210 Louver/HP, 60°
- LVR-P290-P . . . . . ParaBeam 210 Louver/HP, 90°
- LVR-P445 . . . . . ParaBeam 410 Louver-Honeycomb, 45°
- LVR-P460 . . . . . ParaBeam 410 Louver-Honeycomb, 60°
- LVR-P490 . . . . . ParaBeam 410 Louver-Honeycomb, 90°
- LVR-IM660 . . . . . Imara S6 Louver-Honeycomb, 60°
- LVR-IM690 . . . . . Imara S6 Louver-Honeycomb, 90°
- LVR-IM1060 . . . . . Imara S10 Louver-Honeycomb, 60°
- LVR-IM1090 . . . . . Imara S10 Louver-Honeycomb, 90°
- LVR-V160 . . . . . Vista Single Louver-Honeycomb, 60°
- LVR-V190 . . . . . Vista Single Louver-Honeycomb, 90°
- LVR-V345 . . . . . VistaBeam 310 Louver-Honeycomb, 45°
- LVR-V360 . . . . . VistaBeam 310 Louver-Honeycomb, 60°
- LVR-V390 . . . . . VistaBeam 310 Louver-Honeycomb, 90°
- LVR-V645 . . . . . VistaBeam 610 Louver-Honeycomb, 45°
- LVR-V660 . . . . . VistaBeam 610 Louver-Honeycomb, 60°
- LVR-V690 . . . . . VistaBeam 610 Louver-Honeycomb, 90°
- LVR-Z245 . . . . . ParaZip 200 Louver-Honeycomb, 45°
- LVR-Z260 . . . . . ParaZip 200 Louver-Honeycomb, 60°
- LVR-Z290 . . . . . ParaZip 200 Louver-Honeycomb, 90°
- LVR-Z445 . . . . . ParaZip 400 Louver-Honeycomb, 45°
- LVR-Z460 . . . . . ParaZip 400 Louver-Honeycomb, 60°
- LVR-Z490 . . . . . ParaZip 400 Louver-Honeycomb, 90°

▼ Louvers—Silver



- LVR-D2-S . . . . . Diva-Lite 201 Louver (Silver)
- LVR-D4-S . . . . . Diva-Lite 401 Louver (Silver)
- LVR-I40-S . . . . . Image 47 Louver (Silver)
- LVR-I80-S . . . . . Image 87/Flathead 80 Louver (Silver)
- LVR-P2-S . . . . . ParaBeam 210 Louver (Silver)
- LVR-P4-S . . . . . ParaBeam 410 Louver (Silver)
- LVR-Z2-S . . . . . ParaZip 200 Louver (Silver)
- LVR-Z4-S . . . . . ParaZip 400 Louver (Silver)

▼ Mounting



- MTP-B41F . . . . . Kino Offset w/ Baby Receiver (16mm)
- MTP-BAL . . . . . Kino Ballast Baby Mount (16mm)
- MTP-BL41 . . . . . Kino 41L Mount w/ Baby Receiver (16mm)
- MTP-BL41S . . . . . Kino 41L Mount w/ Baby Receiver Short (16mm)
- MTP-CE . . . . . Celeb 200 Mount w/ Pin
- MTP-I40 . . . . . Baby Receiver Assembly for Yoke (16mm)
- MTP-I80 . . . . . Junior Pin Assembly for Yoke (28mm)
- MTP-K81 . . . . . Kino 81 Mount w/ Junior Pin (28mm)
- MTP-KL41 . . . . . Kino 41L Mount w/ 3/8" Pin (10mm)
- MTP-KM . . . . . Kino 81 Slide-On Mount w/ Junior Pin (28mm)
- MTP-L . . . . . Kino 41 Lollipop w/ 3/8" Pin (10mm)
- MTP-LB . . . . . Kino 41 Lollipop w/ Baby Rcvr (16mm)
- MTP-LBS . . . . . Kino 41 Lollipop w/ Baby Receiver Short (16mm)
- MTP-LJ . . . . . Kino 41 Japan Baby Pin Lollipop
- MTP-LM . . . . . Kino 81 Lollipop w/ Junior Pin (28mm)
- MTP-LMT . . . . . Kino 81 Lollipop w/ Junior Pin Straight (28mm)
- MTP-MM . . . . . Mini-Flo Flex Arm Mount
- MTP-MW6 . . . . . Mini-Flo Flex Arm, 6ft Coil
- MTP-V63C . . . . . VistaBeam 63 Center Mount Assembly
- MTP-V63H1 . . . . . VistaBeam 63 Center Hanging Adapter
- MTP-V63JR . . . . . VistaBeam 63 Junior Stand Adapter

▼ Power Cables



- PWC-AX . . . . . Alligator to 4-Pin XLR, 12ft
- PWC-CX . . . . . Cigarette to 4-Pin XLR, 6ft
- PWC-X42 . . . . . 4-Pin XLR Splitter (1x Male to 2x Female)

▼ Power Supplies



- PWS-1524X . . . . . Power Supply 2.4A, 100-250VAC/12VDC
- PWS-156X . . . . . Power Supply 6.6A, 100-250VAC/12VDC

▼ Reflectors



- REF-2401 . . . . . 2ft Single Reflector
- REF-2402 . . . . . 2ft Double Reflector
- REF-2404 . . . . . 2ft 4Bank Reflector
- REF-4801 . . . . . 4ft Single Reflector
- REF-4802 . . . . . 4ft Double Reflector
- REF-4804 . . . . . 4ft 4Bank Reflector
- REF-7201 . . . . . 6ft Mega Single Reflector
- REF-7202 . . . . . 6ft Mega Double Reflector
- REF-7204 . . . . . 6ft Mega 4Bank Reflector
- REF-9601 . . . . . 8ft Mega Single Reflector
- REF-9602 . . . . . 8ft Mega Double Reflector
- REF-9604 . . . . . 8ft Mega 4Bank Reflector
- REF-D2 . . . . . Diva-Lite 201 Reflector
- REF-D4 . . . . . Diva-Lite 401 Reflector
- REF-V100 . . . . . Vista Single Reflector

▼ Stands



- STD-D1 . . . . . Reverse Stand
- STD-M30 . . . . . Medium Duty Stand/Black, 30"
- STD-M36 . . . . . Medium Duty Stand/Black, 36"

▼ Tester



- TST-LAMP . . . . . Fluorescent Lamp Tester

# Cases

## ► Clamshell



Part Number	Description	Dimensions (L x W x H)	Weight (Empty)	Holds
KAS-B22-C	BarFly 200D Travel Case (2)	31.5 x 9 x 22" (80 x 23 x 56cm)	16 lb (7.5kg)	BarFly 200D Kit Items (2)
KAS-B4-C	BarFly 450 Travel Case	31.5 x 9 x 22" (80 x 23 x 56cm)	15 lb (7kg)	BarFly 450 Kit Items
KAS-CE2	Celeb 200 Flight Case	29 x 10.5 x 17" (74 x 27 x 43cm)	16 lb (7.5kg)	Celeb 200 Center
KAS-CE2-C	Celeb 200 Travel Case	26 x 9 x 20" (66 x 23 x 51cm)	11.5 lb (5kg)	Celeb 200 Center
KAS-D2-C	Diva-Lite 201 Travel Case	28 x 8 x 15.5" (71 x 20.5 x 39.5cm)	9.5 lb (4.5kg)	Diva-Lite 201 Kit Items
KAS-D2-CS	Diva-Lite 201 Travel Case (Stand)	28 x 8.5 x 19.5" (71 x 22 x 49.5cm)	12.5 lb (6kg)	Diva-Lite 201 Kit Items, Stand
KAS-D22	Diva-Lite 201 Flight Case (2)	22.5 x 13.5 x 33.5" (57 x 34.5 x 85cm)	27.5 lb (12.5kg)	Diva-Lite 201 Kit Items (2), Stands (2)
KAS-D4-C	Diva-Lite 401 Travel Case	28 x 8.5 x 19.5" (71 x 22 x 49.5cm)	11.5 lb (5kg)	Diva-Lite 401/ 400U Kit Items
KAS-D4-CS	Diva-Lite 401 Travel Case (Stand)	31.5 x 9 x 22" (80 x 23 x 56cm)	15 lb (7kg)	Diva-Lite 401/ 400U Kit Items, Stand
KAS-D42	Diva-Lite 401 Flight Case (2)	22.5 x 16 x 33.5" (57 x 41 x 85cm)	29 lb (13kg)	Diva-Lite 401/ 400U Kit Items (2), Stands (2)
KAS-MF	Mini-Flo Kit Travel Case	21.5 x 7.5 x 16" (55 x 19 x 41cm)	6.5 lb (3kg)	Mini-Flo Kit Items
KAS-T4-C	Tegra 4Bank Travel Case	54.5 x 9 x 21" (138.5 x 23 x 53.5cm)	24 lb (11kg)	Tegra 4Bank Kit Items
KAS-VL8-C	VistaBeam 8-Lamp Travel Case	37.5 x 6 x 14" (95.5 x 15 x 36cm)	11.5 lb (5kg)	VistaBeam Lamps (8)

## ► Metal Valence



KAS-CE2-Y	Celeb 200 Yoke Ship Case	33 x 8.5 x 22.5" (84 x 22 x 57cm)	20.5 lb (9.5kg)	Celeb 200 Yoke
KAS-CE4	Celeb 400 Center Ship Case	51 x 9.5 x 19" (129.5 x 24 x 48.5cm)	22 lb (10kg)	Celeb 400 Center
KAS-CE4-Y	Celeb 400 Yoke Ship Case	53.5 x 9 x 23.5" (136 x 23 x 60cm)	26.5 lb (12kg)	Celeb 400 Yoke
KAS-F80-1	Flathead 80 Ship Case	57 x 10.5 x 29" (145 x 27 x 74cm)	43 lb (19.5kg)	Flathead 80 System
KAS-GAF2	Gaffer Kit Ship Case (2)	56.5 x 13 x 21.5" (143.5 x 33 x 55cm)	32 lb (14.5kg)	4ft 4Bank Systems (2), Lamp Case (2)
KAS-I40-1	Image 47 Ship Case	57.5 x 9 x 25.5" (146 x 23 x 65cm)	27.5 lb (12.5kg)	Image 47
KAS-I80-1	Image 87 Ship Case	57.5 x 8 x 35.5" (146 x 20.5 x 90cm)	27.5 lb (12.5kg)	Image 87
KAS-I80-2	Image 87 Ship Case (2)	57.5 x 17 x 40" (146 x 43 x 102cm)	97.5 lb (44kg)	Image 87 (2)
KAS-I80-4	Image 87 Ship Case (4)	35.5 x 33.5 x 64" (90 x 85 x 163cm)	232 lb (105kg)	Image 87 (4)
KAS-IM6-1	Imara S6 Ship Case	31 x 11 x 35.5" (79 x 28 x 90cm)	27 lb (12kg)	Imara S6
KAS-IM10-1	Imara S10 Ship Case	44.5 x 11 x 35.5" (113 x 28 x 90cm)	32 lb (14.5kg)	Imara S10
KAS-INT2	Interview Kit Ship Case (2)	35.5 x 13 x 22" (90 x 33 x 56cm)	25 lb (11.5kg)	2ft 4Bank Systems (2), Lamp Case (2)
KAS-INT3	Interview Kit Ship Case (3)	35.5 x 13 x 23" (90 x 33 x 58.5cm)	26 lb (12kg)	2ft 4Bank Sys, 2ft Dbl Sys (2), Lamp Case (2)
KAS-P21	ParaBeam 210 Ship Case	22 x 12 x 29.5" (56 x 30.5 x 75cm)	22 lb (10kg)	ParaBeam 210
KAS-P41	ParaBeam 410 Ship Case	29.5 x 12 x 29.5" (75 x 30.5 x 75cm)	28.5 lb (13kg)	ParaBeam 410
KAS-V102	Vista Single Ship Case (2)	42 x 12.5 x 17" (107 x 32 x 43cm)	22.5 lb (10kg)	Vista Single Kit Items (2)
KAS-V31	VistaBeam 310 Center Ship Case	41.5 x 14.5 x 25.5" (105.5 x 37 x 65cm)	53 lb (24kg)	VistaBeam 310
KAS-V61	VistaBeam 610 Center Ship Case	41.5 x 16 x 44" (105.5 x 40.5 x 112cm)	93 lb (42kg)	VistaBeam 610
KAS-VL8	VistaBeam 8-Lamp Ship Case	38 x 7 x 14" (96.5 x 18 x 36cm)	13.5 lb (6kg)	VistaBeam Lamps (8)

## ► Telescoping



KAS-21	2ft System Ship Case	30 x 10 x 16" (76 x 25.5 x 41cm)	12.5 lb (6kg)	2ft 4Bank System
KAS-24S	2ft Fixture Ship Case, Small	30 x 15 x 11.5" (76 x 38 x 29cm)	12 lb (5.5kg)	2ft 4Bank Fixture (3)
KAS-41	4ft System Ship Case	57 x 10 x 20" (145 x 25.5 x 51cm)	24.5 lb (11kg)	4ft 4Bank System
KAS-48	4ft Lamp Ship Case	52.5 x 11 x 12" (133.5 x 28 x 30.5cm)	16 lb (7.5kg)	4ft Lamps (20)
KAS-54L	4ft Fixture Ship Case, Large	57.5 x 15 x 17" (146 x 38 x 43cm)	25.5 lb (12kg)	4ft 4Bank Fixture (5)
KAS-54S	4ft Fixture Ship Case, Small	57.5 x 15 x 12" (146 x 38 x 30.5cm)	21 lb (9.5kg)	4ft 4Bank Fixture (3)
KAS-72	6ft Lamp Ship Case	72.5 x 11 x 12" (184 x 28 x 30.5cm)	20 lb (9kg)	6ft Lamps (20)
KAS-96	8ft Lamp Ship Case	97.5 x 11 x 14" (248 x 28 x 36cm)	29 lb (13kg)	8ft Lamps (24)
KAS-96L	8ft Fixture Ship Case	101.5 x 14.5 x 16.5" (258 x 37 x 42cm)	38.5 lb (17.5kg)	8ft Mega 4Bank Fixture (5)

## ► Lamp Cases and Miscellany



KAS-C26	6-Lamp Carry Case, (2ft)	26.5 x 6 x 4" (67.5 x 15 x 10cm)	1 lb (0.5kg)	2ft Lamps (6)
KAS-C46	6-Lamp Carry Case, (4ft)	50.5 x 6 x 4" (128.5 x 15 x 10cm)	1.5 lb (0.7kg)	4ft Lamps (6)
KAS-CL4	4-Lamp Carry Case (Compact)	24 x 5 x 2.5" (61 x 12.7 x 6.5cm)	0.8 lb (0.4kg)	55W Compact Lamps (4)
KAS-CL6	6-Lamp Carry Case (Compact)	24 x 7 x 2.5" (61 x 18 x 6.5cm)	0.8 lb (0.4kg)	55W Compact Lamps (6)
KAS-KFC	Ballast and Cable Crate w/ Lid	21.5 x 15 x 12" (54.5 x 38 x 30.5cm)	6 lb (3kg)	Ballasts, Cables and Mounting Plates
KAS-QL6	6-Lamp Carry Case (Quad)	16 x 7.5 x 4.5" (40.6 x 19.1 x 11.4cm)	1 lb (0.5kg)	55W Quad Lamps (6)
KAS-VH2	Vista Single 2-Louver Carry Case	37 x 2 x 7" (94 x 5 x 17.8cm)	1 lb (0.5kg)	Vista Single Honeycomb Louver (2)
KAS-VH4	Vista Single 4-Louver Carry Case	37 x 3 x 7" (94 x 7.6 x 17.8cm)	1 lb (0.5kg)	Vista Single Honeycomb Louver (4)
KAS-VL4	Vista Single 4-Lamp Carry Case	37.5 x 3 x 6.5" (95 x 7.6 x 16.5cm)	1 lb (0.5kg)	Vista Single Lamps (4) (Twin)

## ► Soft Cases

BAG-201	2ft 4Bank Soft Case	28.5 x 7.5 x 20" (72.5 x 19 x 51cm)	3.5 lb (2kg)	2ft 4Bank System, Lamp Case
BAG-401	4ft 4Bank Soft Case	55 x 8 x 19.5" (140 x 20.5 x 49.5cm)	6 lb (3kg)	4ft 4Bank System/ Tegra 4Bank, Lamp Case
BAG-B21	BarFly 200D Soft Case	20.5 x 10 x 14" (52 x 25.5 x 36cm)	7 lb (3kg)	BarFly 200D System
BAG-V101	Vista Single Soft Case	40.5 x 10.5 x 16" (103 x 27 x 41cm)	8.5 lb (4kg)	Vista Single Kit Items

# Expendables



**EXP-FXRS** . . . . . Fixture Wire Repair Kit (Silver)



**EXP-LHCT12** . . . . . Lamp Holder Clips T12, 24pk



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



**EXP-RDC** . . . . . Recessed Pin Lamp Adapter, 12pk (8ft and 6ft only)



**EXP-TWB** . . . . . Ballast/Cable Tie Wrap 12" Black, 20pk  
**EXP-TWBU** . . . . . Ballast/Cable Tie Wrap 12" Blue, 20pk  
**EXP-TWG** . . . . . Ballast/Cable Tie Wrap 12" Green, 20pk  
**EXP-TWGRY** . . . . . Ballast/Cable Tie Wrap 12" Gray, 20pk  
**EXP-TWOR** . . . . . Ballast/Cable Tie Wrap 12" Orange, 20pk  
**EXP-TWR** . . . . . Ballast/Cable Tie Wrap 12" Red, 20pk  
**EXP-TWW** . . . . . Ballast/Cable Tie Wrap 12" White, 20pk  
**EXP-TWY** . . . . . Ballast/Cable Tie Wrap 12" Yellow, 20pk



**INS-L4** . . . . . 4-Lamp Foam Pad  
**INS-L6** . . . . . 6-Lamp Foam Pad



**PRT-BX1** . . . . . Single Ballast Connector Assembly  
**PRT-BX2** . . . . . Double Ballast Connector Assembly  
**PRT-BX4** . . . . . 4Bank Ballast Connector Assembly  
**PRT-BXM1** . . . . . Mega Single Ballast Connector Assembly  
**PRT-BXM2** . . . . . Mega Double Ballast Connector Assembly  
**PRT-BXM4** . . . . . Mega 4Bank Ballast Connector Assembly  
**PRT-BXV1** . . . . . Vista Single Ballast Connector Assembly



**PRT-CR1** . . . . . Single Connector Locking Ring, 4pk  
**PRT-CR2** . . . . . Double/Mega Single Connector Locking Ring, 4pk  
**PRT-CR4** . . . . . 4Bank/Mega Double Connector Locking Ring, 4pk  
**PRT-CR4M** . . . . . Mega 4Bank Connector Locking Ring, 4pk



**PRT-FET** . . . . . Ballast Feet, 24pk  
**PRT-FET2** . . . . . Ballast Feet, 15 & 55 Series, 24pk



**PRT-FH1** . . . . . Single Fixture Silver Conduit, 4pk  
**PRT-FH2** . . . . . Double Fixture Silver Conduit, 4pk  
**PRT-FH4** . . . . . 4Bank Fixture Silver Conduit, 4pk  
**PRT-FHD2** . . . . . Diva-Lite 201 Fixture Silver Conduit, 4pk  
**PRT-FHD4** . . . . . Diva-Lite 401 Fixture Silver Conduit, 4pk  
**PRT-FHM1** . . . . . Mega Single Fixture Silver Conduit, 4pk  
**PRT-FHM2** . . . . . Mega Double Fixture Silver Conduit, 4pk  
**PRT-FHM4** . . . . . Mega 4Bank Fixture Silver Conduit, 4pk



**PRT-FIX-1S** . . . . . Single Fixture Wire Channel Repair Kit—Silver  
**PRT-FIX-2S** . . . . . Double Fixture Wire Channel Repair Kit—Silver  
**PRT-FIX-4S** . . . . . 4Bank Fixture Wire Channel Repair Kit—Silver  
**PRT-FIX-D2** . . . . . Diva-Lite 201 Fixture Wire Channel Repair Kit—Silver  
**PRT-FIX-D4** . . . . . Diva-Lite 401 Fixture Wire Channel Repair Kit—Silver  
**PRT-FIX-1S** . . . . . Vista Single Fixture Wire Channel Repair Kit—Silver



**PRT-HC** . . . . . Harness Release Clamp (UL), 1pk



**PRT-HLC** . . . . . Kino Locking Lamp Connector 600v, 1pk  
**PRT-HLC/50PK** . . . . . Kino Locking Lamp Connector 600v, 50pk



**PRT-LVB** . . . . . Black Louver Clip w/ Strap, 4pk  
**PRT-LVS** . . . . . Silver Louver Clip w/ Strap, 4pk



**PRT-MGF-1** . . . . . "Female" Mega Single Connector Assembly  
**PRT-MGF-2** . . . . . "Female" Mega Double Connector Assembly  
**PRT-MGF-4** . . . . . "Female" Mega 4Bank Connector Assembly  
**PRT-MGM-1** . . . . . Mega Single "Male" Connector Assembly  
**PRT-MGM-2** . . . . . Mega Double "Male" Connector Assembly  
**PRT-MGM-4** . . . . . Mega 4Bank "Male" Connector Assembly



**PRT-SC100** . . . . . Screws For Ballast Lid, 100pk  
**PRT-SC200** . . . . . Screws For Ballast/DMX Lid, 100pk  
**PRT-SC300** . . . . . Screws For Ballast Lid, 100pk



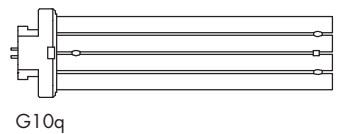
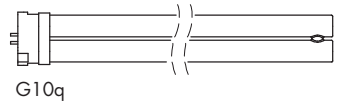
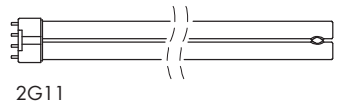
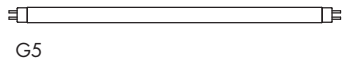
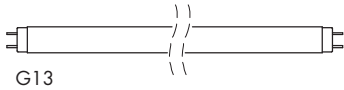
**PRT-XF-1** . . . . . "Female" Single Connector Assembly  
**PRT-XF-2** . . . . . "Female" Double Connector Assembly  
**PRT-XF-4** . . . . . "Female" 4Bank Connector Assembly  
**PRT-XM-1** . . . . . Single "Male" Connector Assembly  
**PRT-XM-2** . . . . . Double "Male" Connector Assembly  
**PRT-XM-4** . . . . . 4Bank "Male" Connector Assembly

# True Match® Lamps

TRUE MATCH® lamp color is uniquely formulated by Kino Flo® to match the spectral sensitivity curves of film and digital imaging equipment. High output tungsten and daylight versions (CRI 95) are available in sizes that range from six inches to eight feet, and yet the quality stays consistent within the True Match line. They are soft, energy efficient and cool to the touch. True Match lamps work side by side on the set with traditional tungsten and HMI fixtures without filtration.

For more information on Kino Flo True Match lamps and Visual Effects lamps, see our website at [www.kinoflo.com](http://www.kinoflo.com).

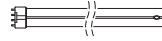
## Lamp Base Types



## True Match® Lamps



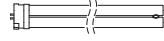
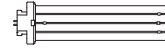
**KF29**



Part Number	Description	Type	Length	Diameter	Nominal Base	Wattage	Lumens
55C-K29	55W Kino KF29 Compact	F55/CFL	21" (530mm)	1.75" (45mm)	2G11 4Pin	55	2800
242-K29	2ft Kino 800ma KF29	F40/T12/HO	24" (600mm)	1.5" (38mm)	G13 Med Bipin	40	1625
488-K29	4ft Kino 800ma KF29	F75/T12/HO	48" (1200mm)	1.5" (38mm)	G13 Med Bipin	75	3320



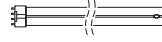
**KF32**



Part Number	Description	Type	Length	Diameter	Nominal Base	Wattage	Lumens
092-K32	9" Kino KF32	F6/T5	9" (212mm)	.6" (15mm)	G5 Mini Bipin	6	280
122-K32	12" Kino KF32	F8/T5	12" (305mm)	.6" (15mm)	G5 Mini Bipin	8	410
152-K32	15" Kino 800ma KF32	F30/T12/HO	15" (360mm)	1.5" (38mm)	G13 Med Bipin	30	1130
242-K32	2ft Kino 800ma KF32	F40/T12/HO	24" (600mm)	1.5" (38mm)	G13 Med Bipin	40	1640
483-K32	4ft Kino T8 KF32	F32/T8	48" (1200mm)	1.0" (26mm)	G13 Med Bipin	32	2080
488-K32	4ft Kino 800ma KF32	F75/T12/HO	48" (1200mm)	1.5" (38mm)	G13 Med Bipin	75	3350
55C-K32	55W Kino KF32 Compact	F55/CFL	21" (530mm)	1.75" (45mm)	2G11 4Pin	55	2800
55Q-K32	55W Kino KF32 Quad	F55/QFL	12.5" (320mm)	3.75" (95mm)	G10q	55	2720
722-K32	6ft Kino 800ma KF32	F100/T12/HO	72" (1800mm)	1.5" (38mm)	G13 Med Bipin	100	4720
962-K32	8ft Kino 800ma KF32	F120/T12/HO	96" (2400mm)	1.5" (38mm)	G13 Med Bipin	120	5770
964-K32	96W Kino KF32 Twin	F96/CFL	34" (860mm)	2" (50mm)	G10q	96	5100



**KF55**



Part Number	Description	Type	Length	Diameter	Nominal Base	Wattage	Lumens
092-K55	9" Kino KF55	F6/T5	9" (212mm)	.6" (15mm)	G5 Mini Bipin	6	280
122-K55	12" Kino KF55	F8/T5	12" (305mm)	.6" (15mm)	G5 Mini Bipin	8	410
152-K55	15" Kino 800ma KF55	F30/T12/HO	15" (360mm)	1.5" (38mm)	G13 Med Bipin	30	1100
242-K55	2ft Kino 800ma KF55	F40/T12/HO	24" (600mm)	1.5" (38mm)	G13 Med Bipin	40	1610
483-K55	4ft Kino T8 KF55	F32/T8	48" (1200mm)	1.0" (26mm)	G13 Med Bipin	32	2040
488-K55	4ft Kino 800ma KF55	F75/T12/HO	48" (1200mm)	1.5" (38mm)	G13 Med Bipin	75	3290
55C-K55	55W Kino KF55 Compact	F55/CFL	21" (530mm)	1.75" (45mm)	2G11 4Pin	55	2800
55Q-K55	55W Kino KF55 Quad	F55/QFL	12.5" (320mm)	3.75" (95mm)	G10q	55	2720
722-K55	6ft Kino 800ma KF55	F100/T12/HO	72" (1800mm)	1.5" (38mm)	G13 Med Bipin	100	4620
962-K55	8ft Kino 800ma KF55	F120/T12/HO	96" (2400mm)	1.5" (38mm)	G13 Med Bipin	120	5650
964-K55	96W Kino KF55 Twin	F96/CFL	34" (860mm)	2" (50mm)	G10q	96	5100

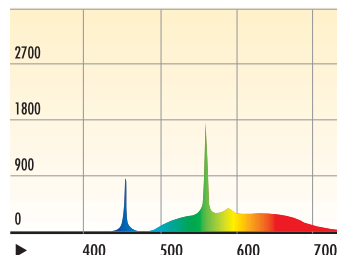
## True Match® 26W CFL



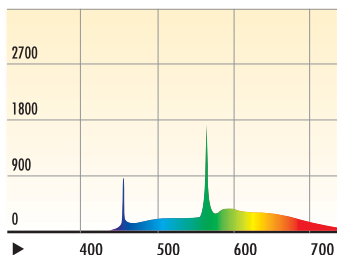
26S-K32-120	26W Kino KF32, 120VAC, 60Hz	F26/CFL	6.6" (167.6mm)	2.28" (57.9mm)	E26 Screw Base	26	1400
26S-K32-230	26W Kino KF32, 230VAC, 50Hz	F26/CFL	6.6" (167.6mm)	2.28" (57.9mm)	E27 Screw Base	26	1400
26S-K55-120	26W Kino KF55, 120VAC, 60Hz	F26/CFL	6.6" (167.6mm)	2.28" (57.9mm)	E26 Screw Base	26	1400
26S-K55-230	26W Kino KF55, 230VAC, 50Hz	F26/CFL	6.6" (167.6mm)	2.28" (57.9mm)	E27 Screw Base	26	1400

## True Match® Lamp Spectral Charts

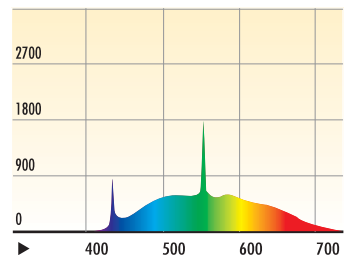
**KF29**



**KF32**



**KF55**





### ▼ True Match® Lamps—Safety-Coated (SFC)



#### KF29—SFC

Part Number	Description	Type	Length	Diameter	Nominal Base	Wattage	Lumens
242-K29-S	2ft Kino 800ma KF29 SFC	F40/T12/HO	24" (600mm)	1.5" (38mm)	G13 Med Bipin	40	1625
488-K29-S	4ft Kino 800ma KF29 SFC	F75/T12/HO	48" (1200mm)	1.5" (38mm)	G13 Med Bipin	75	3320



#### KF32—SFC

152-K32-S	15" Kino 800ma KF32 SFC	F30/T12/HO	15" (360mm)	1.5" (38mm)	G13 Med Bipin	30	1130
242-K32-S	2ft Kino 800ma KF32 SFC	F40/T12/HO	24" (600mm)	1.5" (38mm)	G13 Med Bipin	40	1640
488-K32-S	4ft Kino 800ma KF32 SFC	F75/T12/HO	48" (1200mm)	1.5" (38mm)	G13 Med Bipin	75	3350
722-K32-S	6ft Kino 800ma KF32 SFC	F100/T12/HO	72" (1800mm)	1.5" (38mm)	G13 Med Bipin	100	4720
962-K32-S	8ft Kino 800ma KF32 SFC	F120/T12/HO	96" (2400mm)	1.5" (38mm)	G13 Med Bipin	120	5770



#### KF55—SFC

152-K55-S	15" Kino 800ma KF55 SFC	F30/T12/HO	15" (360mm)	1.5" (38mm)	G13 Med Bipin	30	1100
242-K55-S	2ft Kino 800ma KF55 SFC	F40/T12/HO	24" (600mm)	1.5" (38mm)	G13 Med Bipin	40	1610
488-K55-S	4ft Kino 800ma KF55 SFC	F75/T12/HO	48" (1200mm)	1.5" (38mm)	G13 Med Bipin	75	3290
722-K55-S	6ft Kino 800ma KF55 SFC	F100/T12/HO	72" (1800mm)	1.5" (38mm)	G13 Med Bipin	100	4620
962-K55-S	8ft Kino 800ma KF55 SFC	F120/T12/HO	96" (2400mm)	1.5" (38mm)	G13 Med Bipin	120	5650

### ▼ Lamp Safety-Coating Kits

Part Number	Description
SFC-24	2ft Lamp Safety-Coating Kit, 24pk
SFC-48	4ft Lamp Safety-Coating Kit, 24pk
SFC-96	8ft Lamp Safety-Coating Kit, 24pk
SFC-T12	Lamp Boots (T12) and Glue, 50pk



### ▼ Kino Flo Lamp Tester



Part Number	Description
TST-LAMP	Lamp Tester

The hand-held Kino Flo® Lamp Tester checks for damaged fluorescent tubes and saves the labor of putting lamps into fixtures for testing. The diagnostic pin sockets confirm that the cathodes are in good working order at both ends of the tube. The telescoping antenna excites the phosphors to ensure that the glass is not cracked and gas has not escaped.

### ▼ New 26W CFL



Part Number	Description
26S-K32-120	26W Kino KF32, 120VAC, 60Hz
26S-K32-230	26W Kino KF32, 230VAC, 50Hz
26S-K55-120	26W Kino KF55, 120VAC, 60Hz
26S-K55-230	26W Kino KF55, 230VAC, 50Hz

Kino Flo's new 26W color-correct CFL is equivalent to a 100W incandescent bulb. It was specially designed for the professional film, photography and video industry. Its unique formula rated at CRI 95 matches the spectral distribution curves of HD cameras. Available in KF32 and KF55, 120VAC and 230VAC.

### ▼ New KF32



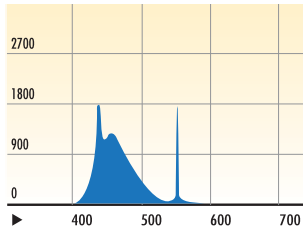
Part Number	Description
092-K32	9" Kino KF32
122-K32	12" Kino KF32
55C-K32	55W Kino KF32 Compact
55Q-K32	55W Kino KF32 Quad
964-K32	96W Kino KF32 Twin

Kino Flo has expanded its award winning True Match® line of full spectrum KF32 lamps to the Mini-Flo, Compact, Quad and Twin line. With its proprietary chemistry, the KF32's color (CRI 95) displays a unique quality of soft light that responds especially well to the new generation of HD equipment. The KF32 works side by side with traditional tungsten sources without corrective filtration and consumes very low power.

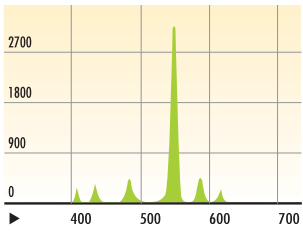
# Color Lamps

## ▼ Color Lamp Spectral Charts

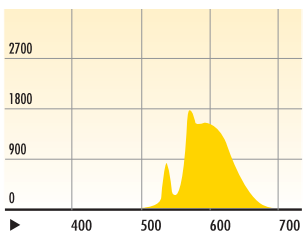
### Blue 450nm



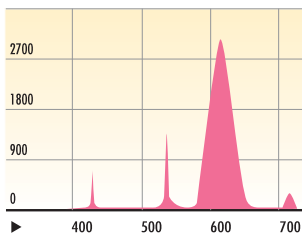
### Green 550nm



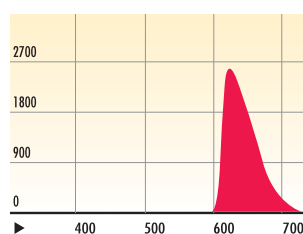
### Gold 580nm



### Pink 612nm



### Red 625nm



## ▼ Visual Effects



### Blue & Green Screen

Part Number	Description	Type	Length	Diameter	Nominal Base	Wattage
488-K10	4ft Kino 800ma 420 Blue	F75/T12/HO	48" (1200mm)	1.5" (38mm)	G13 Med Bipin	75
488-K5	4ft Kino 800ma 525 Green	F75/T12/HO	48" (1200mm)	1.5" (38mm)	G13 Med Bipin	75
55C-K10	55W Kino 420 Blue Compact	F55/CFL	21" (530mm)	1.75" (45mm)	2G11 4Pin	55
55C-K5X	55W Kino 550 Green Compact	F55/CFL	21" (530mm)	1.75" (45mm)	2G11 4Pin	55
55Q-K10	55W Kino 420 Blue Quad	F55/QFL	12.5" (320mm)	3.75" (95mm)	G10q	55
55Q-K5X	55W Kino 550 Green Quad	F55/QFL	12.5" (320mm)	3.75" (95mm)	G10q	55
964-K10	96W Kino 420 Blue Twin	F96/CFL	34" (860mm)	2" (50mm)	G10q	96
964-K5X	96W Kino 550 Green Twin	F96/CFL	34" (860mm)	2" (50mm)	G10q	96

### Designer Colors

488-K4	4ft Kino 800ma 450 Blue	F75/T12/HO	48" (1200mm)	1.5" (38mm)	G13 Med Bipin	75
488-K6	4ft Kino 800ma 580 Gold	F75/T12/HO	48" (1200mm)	1.5" (38mm)	G13 Med Bipin	75
488-K7	4ft Kino 800ma 612 Pink	F75/T12/HO	48" (1200mm)	1.5" (38mm)	G13 Med Bipin	75
488-K8	4ft Kino 800ma 625 Red	F75/T12/HO	48" (1200mm)	1.5" (38mm)	G13 Med Bipin	75

## ▼ Visual Effects—Safety-Coated (SFC)

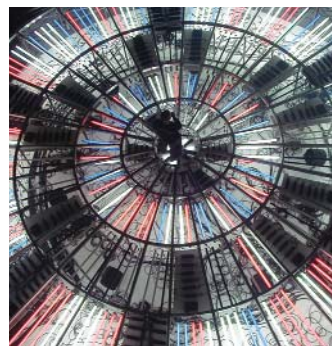


### Blue & Green Screen - SFC

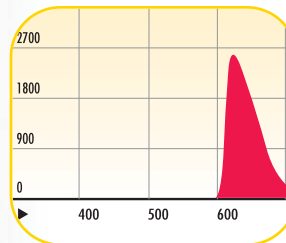
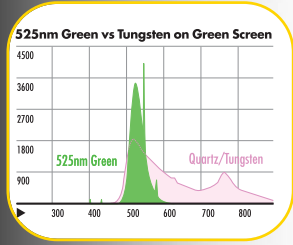
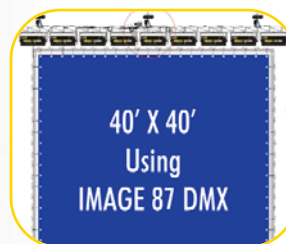
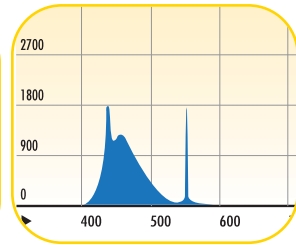
Part Number	Description	Type	Length	Diameter	Nominal Base	Wattage
488-K10-S	4ft Kino 800ma 420 Blue SFC	F75/T12/HO	48" (1200mm)	1.5" (38mm)	G13 Med Bipin	75
488-K5-S	4ft Kino 800ma 525 Green SFC	F75/T12/HO	48" (1200mm)	1.5" (38mm)	G13 Med Bipin	75

### Designer Colors - SFC

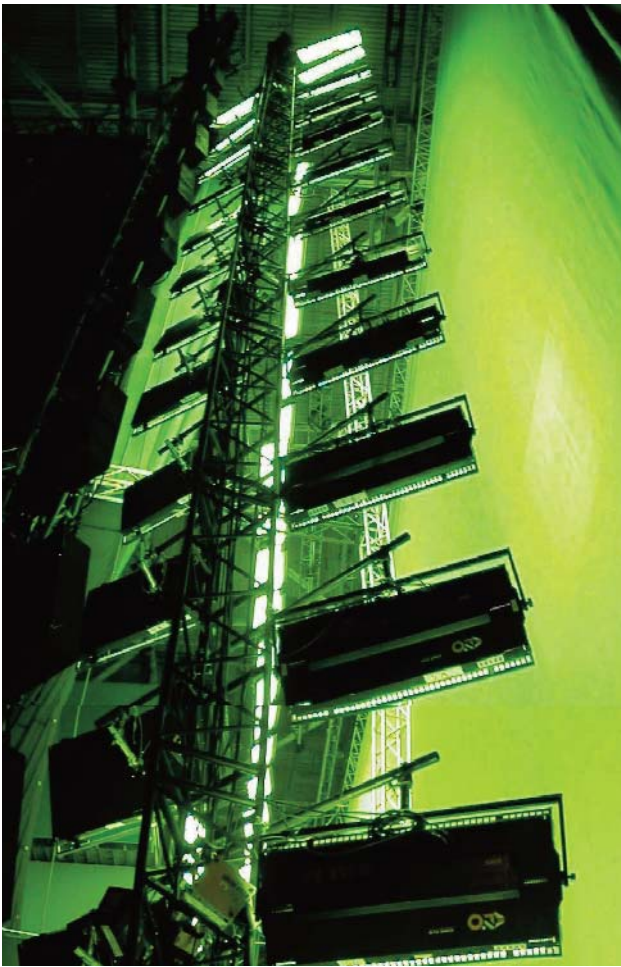
488-K4-S	4ft Kino 800ma 450 Blue SFC	F75/T12/HO	48" (1200mm)	1.5" (38mm)	G13 Med Bipin	75
488-K6-S	4ft Kino 800ma 580 Gold SFC	F75/T12/HO	48" (1200mm)	1.5" (38mm)	G13 Med Bipin	75
488-K7-S	4ft Kino 800ma 612 Pink SFC	F75/T12/HO	48" (1200mm)	1.5" (38mm)	G13 Med Bipin	75
488-K8-S	4ft Kino 800ma 625 Red SFC	F75/T12/HO	48" (1200mm)	1.5" (38mm)	G13 Med Bipin	75



Kino Flo's line of visual effects and color lamps are often used in production design, as seen here on the set of a Lenny Kravitz music video, filmed in Hollywood. The production designer on this job used more than 500 4ft and 2ft daylight, and red and blue colored tubes individually controlled through a DMX system and choreographed to the video's score.



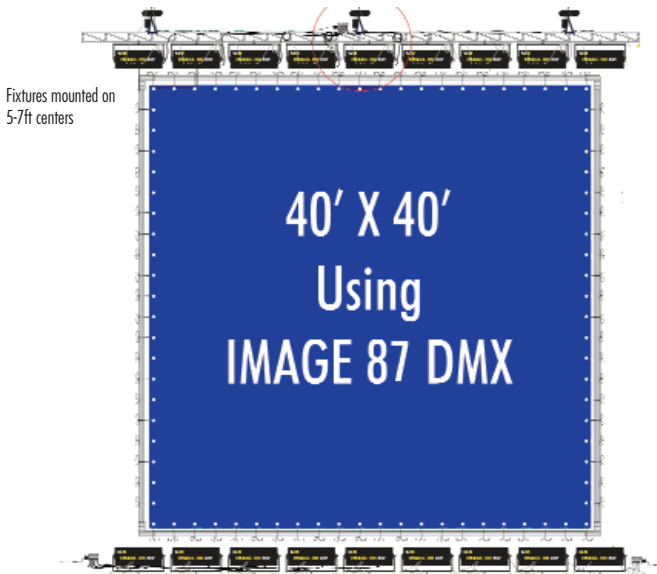
# Blue and Green Screen



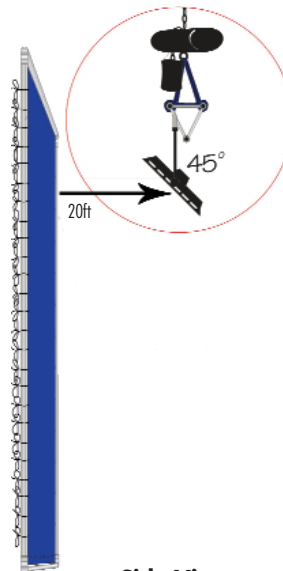
## ▼ Lighting Blue/Green Screens

When lighting bluescreen or greenscreen stages, the rule of thumb is to place the fixtures in front at about half the distance of the screen height, with the fixtures tilted down at a 45° angle. For example, if the screen is 20ft (7m) high, the lights should be hung 8-10ft (3-3.5m) in front of the screen.

Image 87 fixtures are usually rigged in rows on 7ft (2m) centers. Image 47 and 4Bank fixtures are rigged in rows on 5ft (1.5m) centers. A row at the top and bottom of a screen will increase brightness of the blue or green reflected light, and on screens higher than 20ft (7m), the light will be brighter and more evenly spread.



Front View



Side View

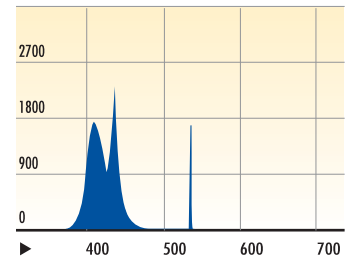
## ▼ Blue/Green Screen Lamps



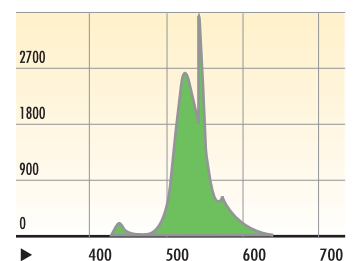
Each Kino Flo® Visual Effects lamp displays a narrow band of light energy in the color spectrum. The phosphor inside each lamp produces a desired color, measured in nanometers (nm) at the highest point in the energy level. The colors include two types of blue light, and two hues of green light. The **420nm blue** and the **525nm green** are often used in traveling matte photography on bluescreen and greenscreen stages. Other colors available from Kino Flo include gold, pink and red for set design work.

## ▼ Blue/Green Spectral Charts

### Blue 420nm



### Green 525nm



Kino Flo recommends safety-coated **420nm** blue lamps for bluescreen and safety-coated **525nm** green lamps for greenscreen applications. The safety-coating cuts the ultraviolet end of the color spectrum to produce a cleaner matte.

For more about lighting blue and green screens with Kino Flo lamps, see FAQs on page 60, or visit our website at [www.kinoflo.com](http://www.kinoflo.com).

# Virtual Studio and Chroma Key



20' x 20' (7m x 7m) visual effects green cyc and floor lighted from above with Kino Flo Image fixtures, lamped with True Match® 3200K full spectrum tubes.

Lighting a virtual studio to match a real world scene such as a news anchor desk or a casual outdoor setting requires a clean, evenly lighted blue or green stage. Kino Flo is the leader in visual effects and virtual studio lighting. The HD Kino Flos produce very soft, energy efficient cyclorama lighting essential to digital compositing.

Note: Foreground subjects often are lighted differently than the cyclorama.

**• Rigging:** Virtual Studios come in many sizes, but the rule of thumb is: measure the wall height and hang the Kino Flos half the distance downstage. The fixtures hang in a row on 5ft to 7ft centers (1.5 – 2m) side by side, usually at the same height as the stage wall being lighted.

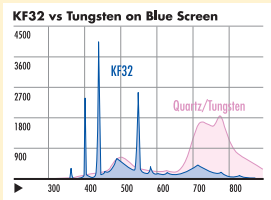
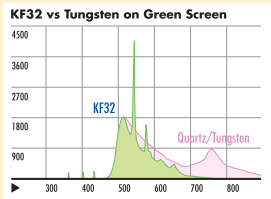
**• Fixtures:** Different fixtures produce different kinds of soft light: the Image 87 and 47 are the softest, with the most even beam spread. They cover the most area with the fewest number of fixtures. However, ParaBeam and ParaZip fixtures are popular on mid-size to small stages because they do not hang down as far as the Image 87 fixtures. Their shallow profile is ideal for lighting wide low cyc wall areas.

**• Energy Savings:** Kino Flo softlights require little power, and do not overheat the stage. The charts at right show the energy savings of a ParaBeam 410 compared to a virtual studio lighted with incandescent softlights.

**• Features:** Kino Flo Image 87 and Image 47 fixtures, along with the ParaBeams and Imara fixtures, come with onboard studio grade features such as DMX dimming and/or DMX lamp switching controls, mounting systems, diffusion frames, focusing louvers and built-in AC power cords. Kino Flo location systems are popular for smaller studios because they can be removed from the overhead mounts and used in the field. The 4Bank, Tegra and Diva-Lite fixtures are sometimes used because of their in-studio/on-location versatility.

**• Lamping Up:** Virtual studios use Kino Flo True Match® KF32 (3200K) lamps more than any other lamp. However, when the studios are used for film and high end HD shooting, the Kino Flo fixtures take specially designed spiked blue and spiked green visual effects tubes, for the deepest color saturation possible. All lamps last for thousands of hours.

Image 87's, Image 47's. . . . . Page 38  
 Imara . . . . . Page 36  
 4Bank Systems. . . . . Page 14  
 Tegra 4Bank. . . . . Page 29  
 ParaBeams. . . . . Page 40  
 ParaZips. . . . . Page 42



Kino Flo delivers award-winning lighting that's easy on the environment and the pocketbook. Compare the energy and cost savings of a ParaBeam and a tungsten softlight:

### ▼ Energy Efficient

Fixture	F.C. @ 10ft or 3m	Wattage	Amperage
ParaBeam 410 (55Watt KF32 x 4 Lamps)*	70 FC/800 LUX	220W	2 Amps
Tungsten Softlight (500W x 4 Bulbs)	70 FC/800 LUX	2,000W	20 Amps

\*95 CRI lamps; Lower CRI lamps have higher lumens

### ▼ Lower Air Conditioning Costs

Fixture	Amps per Fixture	BTU/Hour*
ParaBeam 410 (55Watt KF32 x 4 Lamps)	2 Amps	750 BTU's
Tungsten Softlight (500W x 4 Bulbs)	20 Amps	6,824 BTU's

\*1 Watt/hour = 3.412 BTU/hour lumens

### ▼ Lamp Savings

Fixture	400 Hours	2,000 Hours	5,000 Hours	Cost/Hr*
ParaBeam 410 (55Watt KF32 x 4 Lamps)	—	—	\$100/fixture	\$.02/Hr
Tungsten Softlight (500W x 4 Bulbs)	\$60	\$300	\$600/fixture	\$.12/Hr

\*Approx. hours of studio operation/1 year



Image fixtures globed with 3200K lamps lighting virtual studio background, as well as dancers in the foreground.

For more on bluescreen/greenscreen lighting, see our FAQ section, page 60 or [www.kinoflo.com](http://www.kinoflo.com).

# FAQs

## ▼ About Celeb LEDs



### Can I change the color temperature?

You can manually dial-in Kelvin levels between 2700K and 5500K. The Kelvin will show in the display. By pressing the dimming knob once you can toggle between two settings: fine and coarse Kelvin adjustments. In coarse mode, one turn of the knob will run through the entire range in 100 Kelvin increments. In fine mode, it takes 8 turns to run the entire range in increments of 25 Kelvin. You can also change the color temperature with the 5 factory preset buttons: 2700K, 3200K, 4000K, 5000K and 5500K.

### Can I save custom settings?

The preset buttons can be used to store custom settings. Press and hold any one of the 5 preset Kelvin buttons for 5 seconds. The display will flash and hold your setting. Press the Lock/Reset button to lock the Kelvin and Dim settings. To reset to factory settings, press and hold the Lock/Reset button for 5 seconds.

### Is there a color shift?

Compared to incandescent or quartz lighting it is commonly held that LEDs do not shift in color when dimmed. Small shifts in color or chromaticity are common when dimmed, usually not enough to be of concern.

### How long do LEDs last?

Rated lifetime is up to 50,000 hours.

### Can the Celeb run on battery power?

The Celeb can operate on 24VDC (input range from 18-28VDC) through a 3-pin XLR.

### Does the Celeb run on 120VAC or 230VAC?

The Celeb operates at universal voltage from 100-240VAC.

### Can I shoot at 50Hz or 60Hz without flicker?

The Celeb operates at 50/60Hz at universal input. The Celeb is designed to be flicker-free in either a 50Hz or 60Hz environment at any shutter angle and any shutter speed. However, it is always advised to shoot a camera test first.

### Can the Celeb operate DMX?

The Celeb operates on two DMX channels. The first channel operates dimming; the second channel operates Kelvin color temperature control. See p. 61 for more information on DMX.

### How do I select a DMX address?

Press and hold the DMX Address button to select a DMX address. The displayed number will flash while in edit mode. Turn the dimming knob to select a valid address from 1-512.

(Note: 0 or 513-999 are invalid addresses.) To save the DMX channel, press the DMX Address button again. When set, the displayed number will stop flashing.

### How do I terminate the last Celeb in the DMX chain?

The Celeb has an auto terminate feature. The last fixture that does not have an XLR cable attached to the DMX "Out" port will automatically terminate.

## ▼ About True Match® Lamps



### What is the difference between Kino Flos and store bought fluorescents?

Kino Flo True Match® lamps are the only High Output (HO) fluorescent lamps designed to correspond to the spectral sensitivity of film and digital imaging. In 1995 Kino Flo was awarded an Academy Award for Technical Achievement for its unique lamp engineering and fixture designs.

### Is there a color difference between Kino Flo lamps operating in an architectural fixture vs. a Kino Flo fixture?

Kino Flo's 4ft and 2ft T12 800ma lamps can be used in architectural fixtures. Due to the lower operating currents of architectural fixtures, the Kino Flo lamps may appear slightly more magenta to the eye than the same lamps in Kino Flo fixtures. However, on film, video or digital the light quality of the two fixture types matches.

### What does High Output (HO) mean?

High Output (HO) is the term to describe lamps that are burning at a higher than Standard (Std) lamp current. Normal fluorescent lamp currents operate a lamp at between 280ma to 320ma. HO refers to lamps operating at or above 800ma. Lamps operating at 1500ma are referred to as Very High Output (VHO). Kino Flo Select ballasts can switch between HO/4ft and Std/2ft lamp operation.

### Do Kino Flo lamps operate in architectural High Output (HO) fixtures?

Architectural HO fixtures can range in lengths of 4ft, 6ft and 8ft. They use a lamp that has a double recessed bi-pin end cap. It looks similar to a single pin lamp but the pin is hollow and oval shaped. Kino Flo 6ft and 8ft lamps can be modified with an accessory Double Recessed End Cap that slides over the lamp's normal medium bi-pins. However, Kino Flo 4ft lamps cannot be modified this way because architectural 4ft HO lamps are three inches shorter.

### Why do some lamps in a fixture seem slightly different?

Slight variations in appearance are common from lamp to lamp. The age of a lamp and the batch number can account for variations. When evaluating color temperature, position the color meter at least 24 inches (.5 meter) from the fixture or lamp. Holding the meter too close may result in inaccurate readings.

### Why do my lamps read green on my color meter?

In a fixture with restricted air flow, lamps can heat up and exceed the temperature operating range for good color. Lamps should never be fully enclosed with gel or diffusion. As the temperature of a lamp increases, so does the mercury pressure in the lamp. This increased mercury pressure appears as a blue green light. The higher the temperature the bluer and greener a lamp will appear.

Tip: If a 4ft lamp is operating too hot and the color is shifting green, move the select switch to Std (or 2ft). This will reduce the lamp current and drop the green spike.

# FAQs

## How do color meters read fluorescent lamps?

Unfortunately, color meters available to cinematographers are far from being scientifically accurate when reading fluorescents. They act as a great comparative tool to determine differences between two given light sources but are inadequate in providing definitive data. You will rarely find two color meters, even if they are the same make and model that provide equal data. Results between meters may be similar but not identical.

Please visit [www.KinoFlo.com](http://www.KinoFlo.com) for detailed information.

## Dimming vs. Switching

All fluorescent lamps will drift toward magenta when dimmed. The shift is continual as the lamp physically cools. Kino Flo recommends only dimming one f-stop to ensure good color. The Select Ballast series changes light levels without affecting color balance by switching lamps on and off, and by using the 2ft/4ft select switch, which adjusts the lamps by 1/2 f-stop.

## Can I mix KF32 & KF55 lamps in the same fixture?

Yes, the result will be white light at approximately 4500 Kelvin.

## ▼ About Ballasts



## What is the select switch for?

The select switch is used to optimize lamp performance and color temperature. Four-foot lamps should operate at the 4ft setting. Two-foot lamps should operate at the 2ft setting. The select switch can also be used to control light output by switching a 4ft lamp from 4ft to 2ft in a 1/8 f-stop increment.

Caution: If a 2ft lamp operates in the 4ft setting, the color may turn green and not match the color of a 4ft lamp.

Tip: If a 4ft lamp is operating too hot and the color is shifting green, move the select switch to Std (or 2ft). This will reduce the lamp current and drop the green spike.

## How many extensions can I run with Kino ballasts?

Do not exceed 3 x 25ft extensions. Using more extensions may result in lamp instability.

## Can I shoot at 50Hz?

Kino Flo ballasts can operate at 50Hz, 60Hz and as high as 400Hz. When shooting in a 50Hz country, it will be important to use a 230VAC ballast or use a step down transformer. The Kino Flo ballast is designed to be flicker-free in either a 50Hz or 60Hz environment.

## Can I use an inverter and battery pack to operate a Kino Flo ballast?

Kino Flo recommends a pure sine wave inverter. Inexpensive saw tooth or near sine wave inverters may not work.

## Can I shoot at any shutter speed and not get flicker?

Kino Flo ballasts are designed to be flicker-free at any shutter speed or shutter angle on film cameras. Depending on the model, Kino Flo ballasts operate between 25kHz and 48kHz essentially eliminating flicker. However, there is mounting evidence that electronic cameras display different image capture methodologies that may result in flicker from gas discharge sources and surprisingly even quartz lighting. With electronic cameras the flicker becomes evident at the time of capture. If flicker is observed, then it is essential to shoot within the standard flicker-free speed and shutter angle settings. It is always best to run a test prior to your shoot date.

## Can I use Kino Flo ballasts on a dimmer board?

Kino Flo ballasts can operate through a dimmer board. Set the operating channel as a non-dim control. This enables the board to turn the ballast on or off. The lamps will not dim through the dimmer. If the ballast is dimmed on the dimmer, the lamps will strobe and go out. A DMX dimmer board can switch individual lamps on and off or dim certain models of fixtures through DMX commands.

## ▼ About DMX

### What is DMX?

DMX is an address protocol used to control lighting fixtures or other DMX enabled products from a lighting desk. On Kino Flo fixtures the DMX signal is used to turn lamps on/off within a fixture or dim lamps depending on the model. The individual fixtures are addressed and signal is jumped from one unit to the next using 5-pin XLR DMX cables. Currently, Kino Flo uses DMX512/1990 protocol. A wide variety of lighting control consoles, controllers and other devices that output DMX signals can be used to connect to an even greater variety of lighting fixtures and accessories that can be controlled by DMX. DMX controlled lighting systems are used in many professional settings, including concert lighting, stage lighting, studio lighting, theme park attractions, and much more.

### What are valid DMX Addresses?

Addresses between 001 and 512 are valid addresses. If a DMX address is set to 0 or 513 to 999, the fixture will not receive a DMX signal.

### What happens when a Kino Flo fixture or ballast loses its DMX signal?

The fixture or ballast will hold its last DMX command. For this reason, it is important to turn a fixture or ballast off using DMX commands. For example, if you try to turn off the lights by turning off the dimmer board, the Kino Flo DMX fixtures 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.

### How many fixtures can you put on one DMX run?

By following proper DMX cable routing techniques, as many as 100 fixtures can be jumped on one DMX chain as long as the DMX cable run remains under 1000 feet (304m) or 40 x 25ft (7.6m) DMX cables.

# FAQs

## When should I use an Opto-Isolator?

Opto-Isolators are recommended for DMX runs greater than 250ft. The Opto-Isolator provides complete electrical isolation between lighting consoles and associated dimmers when installed in the control line. The electrical connection is broken by using an Opto-Isolator which passes the control signal using a beam of light. Designed to protect the console from damage in the event of dimmer failure, the Opto-Isolator may also be used to eliminate ground loops, protect against lighting damage, and buffer the DMX signal at control line intersections (wyes).

## Why do I need to terminate the last fixture at the end of the DMX line?

You have to terminate because missing or faulty termination is probably the biggest problem in DMX512 systems. EIA-485, the electrical basis for all versions of DMX512, requires the transmission line (i.e., the DMX512 data link) to be terminated. This is normally done with a resistance matching the characteristic impedance of the cable (see the 5-Pin XLR Cable FAQ) which is ideally matched to the circuitry. Most consoles and the input/output ports of splitters have built-in termination. Many receiving devices have a termination switch engaged when it is the end of the data link, disengaged when it is not at the end. Check the manufacturer documentation.

Note: Depending on the model, some Kino Flo products have a "Terminate" switch and some have a built-in "Auto Terminate" feature.

## Can any connector besides a 5-Pin XLR be allowed for DMX?

No! Using anything besides the 5-Pin XLR connectors as prescribed in all versions of the DMX standard is not allowed and defeats the interoperability the standard is intended to provide. Equipment using a 3-Pin XLR connector is not compliant with the standard and should not be marked as such. In very special circumstances, the ANSI version of the standard allows for the use of a non-XLR style connector. One of the provisions for this is that the manufacturer must supply an adapter.

## About Blue/Green Screens



## Blue Screen vs Green Screen?

In film, the determining factor may be the colors of the subject (contrast to screen). In television and video work, the color green has traditionally been used for chromakey work.

## Why use Kino Flos to light a blue or green screen?

For the best results the screen needs to be lit evenly and with the best possible color saturation. Evenness is easily achieved using Kino Flos because of the soft quality of the light and the wide beam spread. The best saturation of color is achieved by using blue-spike lamps on bluescreens and green-spike lamps on greenscreens. It's not as much about how much light is used to light a screen, but rather what produces the best saturation of reflected blue or green light.

## Other benefits of using Kino Flos?

Benefits include: more light per watt than tungsten lighting; manual and DMX remote light level control without color shift; fast set-up; low power consumption; low heat; and cost savings from not using color gels.

## Which fixtures should I use?

Because lighting screens is about evenness, you generally want to use bigger fixtures with the widest beam spread. For portability and versatility, 4ft 4Bank Systems and Image 47/87 DMX fixtures have been the most popular units for blue and green screen applications. However, depending on the size of the screen (especially in installations) Double Systems (4ft, 6ft, 8ft) and 4Banks (4ft, 6ft, 8ft) can be used. Sometimes choosing the appropriate fixture is based upon the size of the screen that needs to be lit. Bigger units covering more area become more economical. Diva-Lites with their smaller profile and ParaBeams with their more directional beam can also be used, but the results usually are not as efficient as Image fixtures.

## Where do I place the fixtures?

When lighting blue or green screens, the rule of thumb is to place the fixtures in front at about half the distance of the screen height, with the fixtures tilted down at a 45° angle. For example, if the screen is 20ft (7m) high, the lights should be hung 8-10ft (3-3.5m) in front of the screen.

Image 87 fixtures are usually rigged in rows on 7ft (2m) centers. Image 47 and 4Bank fixtures are rigged in rows on 5ft (1.5m) centers. A row at the top and bottom of a screen will increase brightness of the blue/green reflected light. On screens higher than 20ft (7m), the light will be brighter and more evenly spread.

## Is there light drop off in the middle of the screen?

Use a spot meter, not an incident meter to get readings. Our experience has been that if the fixtures are properly placed, we have not seen more than a 1/10th difference (spot meter) from top to bottom of screen. On 40ft (13m) screens, the screen is evenly lit having one row across the top and one row across the bottom. For taller screens 60-80ft (20-26m) an additional row may be placed at the top and angled more towards the center. Sometimes when units are placed on chain hoists, the lights can be moved to light the screen and still be out of camera view.

## Do I need to light the subject separately from the screen?

Yes, the screen should be lit first to the light level required. Then, the subject should be lit separately.

## What is the light level for the subject and the screen?

For best results shoot a density wedge test to determine exposure for the screen. Generally, people shoot at key for greenscreen, or underexpose the shot as much as 2/3 f-stop to 1 f-stop under key. Bluescreens are underexposed 1 1/2 f-stop to 1 2/3 f-stop below the key light level.

## What should I use to light my subject?

You can choose any light for the subject. But once the screen has been lit, try to keep stray light off the screen. In many cases Kino Flos are used to illuminate the foreground subject because the soft quality of fluorescents drops off and doesn't spill unwanted light onto the screen.

## About Lamp Choices

### Which lamps should I use?

For lighting bluescreens, we recommend the 420nm blue lamp and for greenscreens we recommend the 525nm green lamp. Providers of blue and green screen material name their products differently, but in the end what counts is the quality of the reflected color.

### If blue and green spike lamps display the best saturation, why not use them 100% of the time?

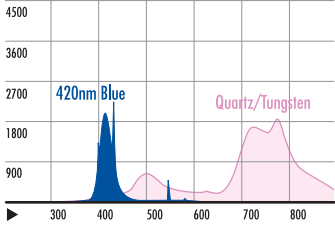
There are times when the subject is very close to the screen or standing on a cyclorama with a floor painted blue or green. In these cases where it is impossible to keep the light from contaminating the subject matter, we recommend using our KF32 (3200K) Lamps. The KF32 lamps deliver all the benefits of evenness, but they do not have as much contaminating red spectrum as tungsten hot lights.



### Blue Screen Option #1

Use 420nm blue lamps. The blue spike of this lamp is ideally suited for bluescreen. Before Kino Flo, tungsten light was used, but its broad spectral distribution does not saturate the screen as well as the 420nm blue lamp. Tungsten displays a high peak of contaminating red color between 670nm to 800nm making a clean blue layer exposure very difficult.

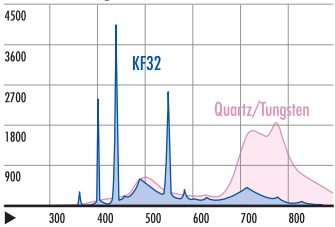
420nm Blue vs Tungsten on Blue Screen



### Blue Screen Option #2

Use KF32 (3200K) lamps when the subject matter is in direct contact with the bluescreen. The KF32 peaks slightly bluer at 490nm. The additional blue energy spikes at 404nm and 436nm further enhancing the ability of the KF32 to deliver superior blue layer exposure. Quartz/tungsten light has its blue energy peaking at 515nm. The KF32 has dramatically lower red energy making it better at cleanly exposing the blue layer of film. Quartz/tungsten has contaminating red energy between 670nm and 800nm.

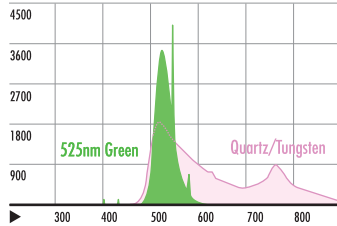
KF32 vs Tungsten on Blue Screen



### Green Screen Option #1

Use 525nm green lamps. The lamp has a narrow concentration of green between 500nm and 560nm. This highly efficient green source makes it ideal for clean green layer exposure. Quartz tungsten has a broad spectral distribution. Its green energy peaks between 490nm and 675nm with an undesirable rise in red contamination between 690nm and 800nm.

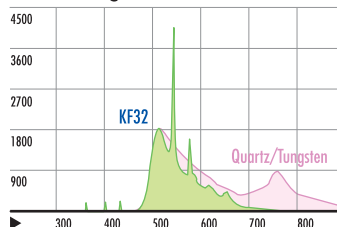
525nm Green vs Tungsten on Green Screen



### Green Screen Option #2

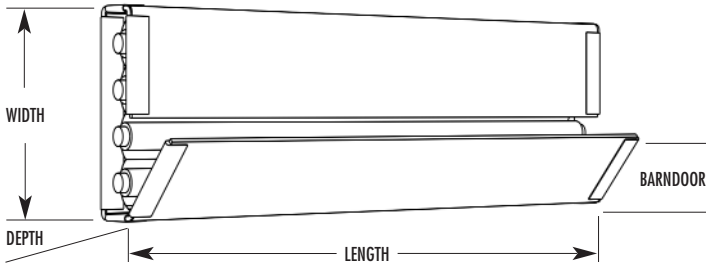
Use KF32 lamps when the subject matter is in direct contact with the greenscreen. On greenscreen material, both quartz and Kino Flo's KF32 (3200K) follow very similar spectral distributions. The KF32 has an advantage over quartz due to its lower red spectrum response and because it has a slight green spike at 547nm. The green spike means you need less KF32 illumination than quartz to get the correct density on the green layer.

KF32 vs Tungsten on Green Screen



# Rigging

## ▼ Remote Fixture Dimensions



### 4Bank Fixture

Fixture	Length	Width	Depth	Barndoor	Weight w/Lamps
2ft 4Bank	27" (68.5cm)	13" (33cm)	3.5" (9cm)	6.5" (16.5cm)	7.5 lb (3.4kg)
4ft 4Bank	52" (132cm)	13" (33cm)	3.5" (9cm)	6.5" (16.5cm)	11.5 lb (5.2kg)
Tegra 4Bank	52" (132cm)	13.5" (34cm)	6" (15cm)	6.5" (16.5cm)	18.5 lb (8.4kg)
6ft Mega 4Bank	73.5" (186.5cm)	13" (33cm)	3.5" (9cm)	3.5" (9cm)	18.5 lb (8.3kg)
8ft Mega 4Bank	97" (246.5cm)	13" (33cm)	3.5" (9cm)	3.5" (9cm)	21.8 lb (9.8kg)

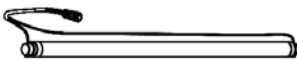
### Double Fixture

Fixture	Length	Width	Depth	Barndoor	Weight w/Lamps
2ft Double	27" (68.5cm)	7.5" (19cm)	3.5" (9cm)	6" (15cm)	4.7 lb (2.1kg)
4ft Double	52" (132cm)	7.5" (19cm)	3.5" (9cm)	6" (15cm)	7.7 lb (3.5kg)
6ft Mega Double	73.5" (186.5cm)	7.5" (19cm)	3.5" (9cm)	3.5" (9cm)	9.2 lb (4.1kg)
8ft Mega Double	97" (246.5cm)	7.5" (19cm)	3.5" (9cm)	3.5" (9cm)	10 lb (4.5kg)

### Single Fixture

Fixture	Length	Width	Depth	Barndoor	Weight w/Lamps
2ft Single	27" (68.5cm)	4.5" (11.5cm)	3.5" (9cm)	3.5" (9cm)	2.7 lb (1.2kg)
4ft Single	52" (132cm)	4.5" (11.5cm)	3.5" (9cm)	3.5" (9cm)	4.3 lb (1.9kg)
6ft Mega Single	73.5" (186.5cm)	4.5" (11.5cm)	3.5" (9cm)	3.5" (9cm)	6.3 lb (2.8kg)
8ft Mega Single	97" (246.5cm)	4.5" (11.5cm)	3.5" (9cm)	3.5" (9cm)	6.8 lb (3.1kg)
Vista Single	38.3" (97.3cm)	7.2" (18.3cm)	4.8" (12.2cm)	6.0" (15cm)	6.2 lb (2.8kg)

## ▼ Lamp w/ Harnesses Dimensions



### Single Lamp

Lamp w/ Harness	Length	Diameter
15"	15.5" (39.5cm)	1.5" (3.8cm)
2ft	24.5" (62cm)	1.5" (3.8cm)
3ft	36.5" (93cm)	1.5" (3.8cm)
4ft	48.5" (123cm)	1.5" (3.8cm)
6ft	70.5" (179cm)	1.5" (3.8cm)
8ft	94.5" (240cm)	1.5" (3.8cm)

### Vista Single

Lamp w/ Harness	Length	Width	Height
Vista Single	35.1" (89.2cm)	4.0" (10.2cm)	2.3" (6.3cm)



### Mini-Flo

Lamp w/ Harness	Length	Width	Height
9"	10.75" (27cm)	0.75" (2cm)	1.5" (3.8cm)
12"	13.75" (35cm)	0.75" (2cm)	1.5" (3.8cm)

## ▼ Ballast/ Fixture Amperage Draw 120VAC\*

Ballast	Description	Amps 4ft Lamps	Amps 2ft Lamps	Amps 15-inch Lamps
BAL-105-S120	Single Select, 120VAC	1.3	0.9	0.7
BAL-140X	12V Single, 12VDC	4.6	2.8	1.9
BAL-215-120	Double Select, 120VAC	2.6	1.8	
BAL-415-120	4Bank Select, 120VAC	5.0	3.5	
BAL-455-120	4Bank DMX, 120VAC	5.0	3.5	

Ballast	Description	Amps 8ft Lamps	Amps 6ft Lamps
BAL-105-M120	Mega Single, 120VAC	2.2	1.6
BAL-215-M120	Mega Double, 120VAC	3.7	3.1
BAL-410-M120	Mega 4Bank, 120VAC	7.0	5.7
BAL-455-M120	Mega 4Bank DMX, 120VAC	7.0	6.4

Ballast	Description	Amps 6-inch Lamps	Amps 9-inch Lamps	Amps 12-inch Lamps
BAL-139X	Mini-Flo, 12VDC	-	0.8	0.9
BAL-149X	Kamio, 12VDC	2.5	3.8	-

Fixture	Description	Lamp Type	Amps VAC	Amps VDC
BAR-200D-120U	BarFly 200D, Univ 120U	55W Quad	1.2	
BAR-450-120U	BarFly 450 DMX, Univ 120U	55W Quad	2.4	
CEL-200C-120U	Celeb 200 DMX, Univ 120U	-	0.96	4.0
CEL-400C-120U	Celeb 400 DMX, Univ 120U	-	1.8	8.25
CFX-4808	Flathead 80	4ft	10	
CFX-V100	Vista Single	96W Twin	1.7	
DES-121-120	Desk-Lite 121, 120VAC	12"	0.3	
DIV-201-120	Divi-Lite 201, 120VAC	55W Compact	1.1	
DIV-401-120	Divi-Lite 401, 120VAC	55W Compact	2.0	
DIV-400-120U	Divi-Lite 400, Univ 120U	55W Compact	1.8	
IMG-45X-120	Image 45 DMX, 120VAC	4ft	4.5	
IMG-47X-120	Image 47 DMX, 120VAC	4ft	2.3	
IMG-85X-120	Image 85 DMX, 120VAC	4ft	8.6	
IMG-87X-120	Image 87 DMX, 120VAC	4ft	4.8	
IMR-S6-120	Imara S6 DMX, 120VAC	55W Compact	3.2	
IMR-S10-120	Imara S10 DMX, 120VAC	55W Compact	5.2	
PAR-210-120	ParaBeam 210 DMX, 120VAC	55W Compact	1.1	
PAR-410-120	ParaBeam 410 DMX, 120VAC	55W Compact	2.0	
TEG-450-120U	Tegra 4Bank DMX, Univ 120U	4ft	2.8	
VIS-310C-120	VistaBeam 310 DMX, 120VAC	96W Twin	4.0	
VIS-610C-120	VistaBeam 610 DMX, 120VAC	96W Twin	8.0	
ZIP-200-120	ParaZip 200 DMX, 120VAC	55W Compact	1.1	
ZIP-400-120	ParaZip 400 DMX, 120VAC	55W Compact	2.0	

\* Reduce Amperage by 50% for 230VAC models.

# Miscellany

## ▼ Terms and Conditions

### Payment

All prices are to be quoted in U.S. dollars F.O.B. Burbank, CA. Prices, models, and material specifications are subject to change or withdrawal without notice. Possession of this product list does not, in itself, constitute an offer to sell. All orders are subject to acceptance by Kino Flo®. Payment on established accounts (prior credit approval) is net 30 days from the date of invoice. Payment on new accounts is C.O.D. until credit is established. Customer agrees to pay all costs of transportation, insurance, taxes (including without limitation any sales, use or similar tax and any tax levied on or assessed to Kino Flo after the ordered products are delivered to Customer), license fees, custom duties and other charges related thereto and to the extent these are paid by Kino Flo they shall be invoiced to the Customer and become part of the total due.

### Shipment

Shipment can be made through UPS or Federal Express. Although Kino Flo will comply with special carrier requests whenever practical, Kino Flo reserves the right to make the final selection for all shipments. Shipping costs on established accounts will be prepaid by Kino Flo and the charge added to the invoice. Shipping costs on non-established accounts will be C.O.D. or prepaid by Customer with invoice. Special conditions will apply to shipments outside the USA. Kino Flo's responsibility ceases upon acceptance of the merchandise by the carrier. Any claims for loss or damage while in transit must be made by consignee to carrier. Kino Flo will assist Customer in the presentation of any claims necessary. Loss or damage in transit shall not, however, relieve Customer of his/her obligation to pay Kino Flo the full amount due per the due date shown on the invoice.

### Return

All returns require an RMA number. Returns without an RMA will not be accepted. Contact Customer Service for return authorization and return instructions. Returns must be received in original, shipped condition. No Returns will be accepted after forty-five (45) days from the original invoice date unless for reasons covered under warranty.

### Miscellaneous

The above terms and conditions are effective from January 1, 2014 and supercede all prior terms and conditions previously published by Kino Flo Lighting Systems, and are by this reference incorporated into every workorder, invoice and contract between Kino Flo and its Customers.

## ▼ Corporate Headquarters

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## ▼ Industry Affiliations



American Society of Cinematographers



Entertainment Services and Technology Association



National Association of Broadcasters



Society of Motion Picture and Television Engineers

## ▼ Conversion Chart

1 inch = 25.4 millimeters

1 inch = 2.5 centimeters

1 foot = 304.8 millimeters

1 foot = 30.5 centimeters

1 foot = .3048 meters

1 pound (lb) = .45 kilograms (kg)

1 footcandle = 10.7 LUX

1 footcandle = 12.55 lumens

1 kWh = 3413 BTU/hr

1 Watt = 3.413 BTU/hr

## ▼ Photography Credits

■ Frieder Hochheim

■ Anton Hochheim

■ Bill Holshevnikoff

■ Sidney Rittenberg

## ▼ Noted

### Corporate Trademarks

BatWing® is a registered trademark of BatWing Lighting, Inc.

# 2014



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