



**April 20, 2009**

News Release

**HD True Match® Lighting Debuts**  
**NAB Attendees View New Kino Flo 3200 Kelvin CFL**

BURBANK, CA. – Kino Flo® debuts the first hi-lumen, hi-color rendering [KF32 compact](#) for its award winning True Match® line of professional cool lights.

The new tungsten-balanced KF32 takes center stage with the KF29 and KF55 broad spectrum CFL's and expands the creative palate for cinematic HD and filmmaking. Like other lamps in the True Match family, the new KF32's color (CRI 95) is formulated by Kino Flo to match the spectral sensitivity curves of HD and digital film imaging equipment.

With its proprietary chemistry, the new KF32 in a Kino Flo fixture displays a unique quality of soft light. The smooth beam gradient responds especially well to the new generation of HD cameras on the set.

The KF32 compact lamp works side by side with traditional tungsten sources without corrective filtration, and draws one tenth the power per lumen compared with hot lights.

**Lamp Operation**

Four True Match 55 Watt lamps, such as the New KF32 lamp, operating in a ParaBeam 400 will require .5 Amps each of power, and produce only 187 BTU's per lamp. That's 10 times less energy and heat than an incandescent softlight with the same light output.

See New KF32 and incandescent lamp comparisons in **ParaBeam vs Tungsten Softlight** fixtures:

**Lamp Costs\***

	Lamp hours	List Price	2,000 hours	5,000 hours	Cost/Hr
<b>ParaBeam Fixture</b> (55Watt KF32 x 4 Lamps)	5,000 hrs	\$100 per fixture	--	--	<b>\$ .02/Hr</b>
<b>Tungsten Softlight</b> (500W x 4 Bulbs)	400 hrs	\$60.00 per fixture	\$300.00	\$600.00	<b>\$ .12/Hr</b>

\*Approx. hours of studio operation/1 year

**Lamp Efficiencies**

	F.C. @ 10ft or 3m	Wattage	Amperage
<b>ParaBeam Fixture</b> (55Watt KF32 x 4 Lamps)	70 FC / 800 LUX	220W	2 Amps

<b>Tungsten Softlight</b> (500W x 4 Bulbs)	70 FC / 800 LUX	2,000W	20 Amps
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\*High CRI lamps; Low CRI lamps are even higher lumens

**KF32 Heat Efficiencies**

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

\*1 Watt/hour = 3.412 BTU/hour