



STUDIO COOL

ARRI 

ARRI STUDIO COOL

Optically superior, versatile, rugged and reliable, the Studio Cool is exactly what you would expect from Arri's new lineup of fluorescent fixtures. With a choice of reflectors, three control options and Arri's traditional cast and extruded aluminum housing, finally there's a fluorescent fixture equally at home on the road or in the studio.

There are many fluorescents on the market but none with Arri's mix of performance and durability. When we asked what you wanted from a new "cool light," the answer was clear: not just the energy savings and soft illumination associated with a fluorescent, but a fixture built to last in a professional production environment. You asked for the reliability and serviceability to stay on the air in today's 24/7 world. Take a close look at the Arri Studio Cool and discover how Arri responded.

Construction: Arri's smooth aluminum extrusion serves as a tough rigid housing. Open the hinged front door for fast lamp access. The slide-in lamp support and locking lampholders provide a safe and secure mounting system. No more aluminum clips. Locking power connectors allow you to "daisy chain" up to six 4-tube Studio Cools on one circuit.

Hanging the Studio Cool is simple – the rugged extruded aluminum stirrup allows mounting either horizontally or vertically, and a rear mounting plate accepts a variety of single point mounting devices. Move the stirrup to change the center of gravity, or use an optional locking clamp to hang two fixtures from the same stirrup.

Serviceability: Key to the Studio Cool design is Arri's unique detachable electronics module. A lightweight cast aluminum shell protects the ballast and electronics, but can be quickly removed for service. Just loosen four screws for complete access to all components.

Flexibility: Want a wide 120° field? Then choose Arri's Superflood Reflector. Need more punch? Open four quick-turn fasteners and pop in the Performance Reflector for a 20% increase in light output.

Control: Every soft source needs a way to control where the light goes, and the Studio Cool is no exception. Arri offers five egg crates, barndoor, filter frame and intensifier.

ARRI STUDIO COOL – COOL LIGHTING IN A COOL PACKAGE



features



*Changeable Reflectors
Locking Lampholders*



*Removable Electronics
and Ballast Module*



Locking Power Connectors



Hinged Access Door



*Extruded Aluminum Stirrup for
Vertical or Horizontal Mounting*

**2 & 8 Lamp models will be available summer 2003.
Contact ARRI for complete details and specifications.**

Choose the model for your application

Two, four and eight lamp fixtures, each available in three versions:

- Non Dim – one switch for each two tubes
- Multi Control Dimming– either DMX or Analog dimming control 3% -100% @ 120V
- Phase Control Dimming – Plug the Studio Cool into the output of any studio dimmer.



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L1.84004.A	STUDIO COOL 4 DMX	L2.84068.0	Intensifier
L1.84014.A	STUDIO COOL 4 Non dim	L2.84063.0	Protection Glass
L1.84024.A	STUDIO COOL 4 Phase Control	L2.84542.0	Baby plate w/swivel
L2.84066.0	Barndoor	L2.84067.0	Coupling Clamp
L2.84064.0	Filter Frame	L2.84070.0	PO Stirrup
L2.84065.A	Egg Crate Silver Wide	L2.84080.0	Extension Cable 6.5 ft.
L2.84065.B	Egg Crate Silver Medium	L2.84090.A	Base load 120V
L2.84065.C	Egg Crate Silver Narrow	L2.84085.A	Power Cable 120V 6.5 ft. (spare)
L2.84065.D	Egg Crate Black Aluminum	581040	55W 3200 Studio Line Lamp
L2.84065.E	Egg Crate White Aluminum	581045	55W 5600 Studio Line Lamp

T e c h n i c a l D a t a

DIMENSIONS

	29.3x14x6.3 in. (745 x 355 x 160 mm) with stirrup
	24.8x12.6x6.3 in. (630 x 320 x 160 mm) without stirrup
Weight	14 .7 lbs. (6.7 kg) with stirrup
Input Voltage (120V model)	108 - 132 V
Input Voltage (220V model)	198 - 254 V
Power Consumption	240 W
Input Frequency	50 - 60 Hz
Ambient Temperature (max.)	113°F (45°C)
Surface Temperature (max.)	194°F (90°C)

MULTICONTROL

Control Functions	dimming 3 - 100% @ 120V; 1 - 100% @ 220V
Control Inputs	DMX 512 or 0 - 10V analog input
Manual Controls	dimming potentiometer, DMX channel select

DUAL SWITCH

Control Functions	on/off of 2 lamps each
Control Inputs	none
Manual Control	2 rocker switches

PHASE CONTROL

Control Functions	dimming 3-100% @ 120V; 1-100% @ 220V
Control Inputs	phase-cut signal on the power line
Manual Control	none

PHOTOMETRIC DATA AT 10 FEET WITH SUPERFLOOD REFLECTOR

Illuminance	40 fc (440 lux)
Beam Angle	106° x 120°

PHOTOMETRIC DATA AT 10 FEET WITH PERFORMANCE REFLECTOR

Illuminance	50 fc (550 lux)
Beam Angle	106° x 90°

Color Rendering Index	85
Flicker	≤ 1%

EGG CRATE SPECIFICATIONS WITH SUPERFLOOD REFLECTOR

CHANGE

EGG CRATE Super Wide Silver

Design	plastic, rectangular, metallized, 13mm grid	
Illumination	43 fc (480 lux)	+9 %
Beam Angle	89° x 98°	-18 %

EGG CRATE Wide Silver

Design	plastic, rectangular, metallized, 15mm grid	
Illumination	42 fc (469 lux)	+7 %
Beam Angle	84° x 89°	-7 %

EGG CRATE Medium Silver

Design	plastic, hexagonal, metallized, 16mm grid	
Illumination	49 fc (541 lux)	+23 %
Beam Angle	86°	-28 %

EGG CRATE White

Design	aluminum, rectangular, white, 13mm grid	
Illumination	47 fc (519 lux)	+18 %
Beam Angle	71° x 74°	-38 %

EGG CRATE Black

Design	aluminum, rectangular, black, 13mm grid	
Illumination	36 fc (398 lux)	-10 %
Beam Angle	53° x 59°	-50 %



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