



Advanced LED Lighting
for Video, Still Photo &
Motion Picture Production

Litepanels®



1x1™ Series



MiniPlus™ Series



Micro™ Series



Ringlite® Series



SeaSun® Series



**LITE
PANELS®**

www.litepanels.com

The Beauty of Litepanels



MiniPlus™



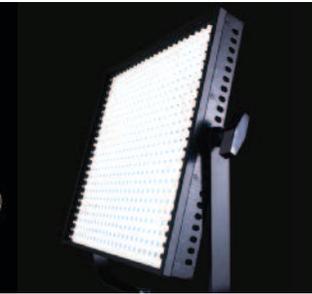
Ringlite®



Micro™



SeaSun®



1x1™

Imagine lighting sources that are cool to the touch, portable, self-contained and cable-free, that offer infinitely dimmable 5600°K or 3200°K output (with virtually no color shift) by simply turning a knob. Lamp life? A dream come true at over 50,000 hours. Power options? Snap-on batteries, AC adapters, or DV camera battery. One even runs on AA batteries. Too good to be true? Not anymore. It's a whole new kind of production lighting. It's Litepanels.

This revolutionary lighting brings the advantages of Litepanels' unique proprietary light-emitting diode technology to professional production lighting. Litepanels are painstakingly designed to exceed the highest professional standards. That's why their luminous, soft, directional output is praised by lighting directors, still photographers and cinematographers alike. Cool, silent, dimmable and ballast free, they offer a multitude of benefits for work in-studio, or on location.

And beautifully suited for today's eco-minded focus, this new source is over three times as power efficient as conventional lights. Litepanels' proprietary LEDs draw just a fraction of the power of

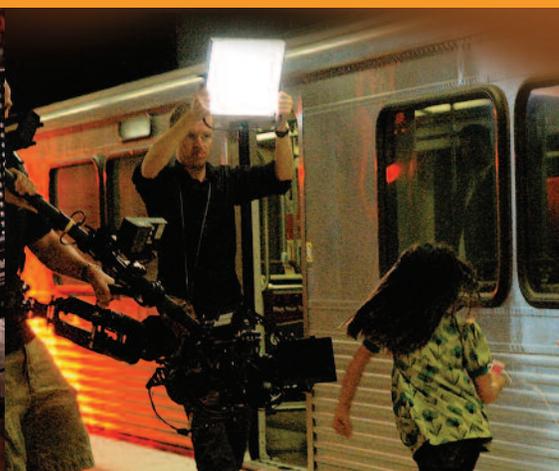
tungsten, and have a lamp life of over 10 years in continuous use! Plus, Litepanels lack the hazardous materials used in fluorescent lighting.

Versatility? There's a light for every need and some that work double-duty. Need variable color control? With the new all-in-one 1x1 Bi-Color, you dial up any color from cool white daylight to warm white tungsten. How about an all-in-one spot and flood lighting fixture? The groundbreaking 1x1 Bi-Focus™ crossfades between two sets of daylight LEDs to achieve infinitely variable flood or spot output.

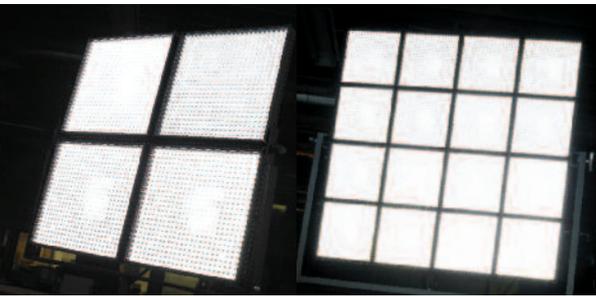
Now there's Litepanels to fulfill most every lighting need, from feature film to broadcast to stills. It's no wonder Litepanels has become an invaluable lighting tool around the world and beyond – from beneath the sea to aboard the International Space Station.



Emmy Technical Achievement & NAB Innovation Awards



nelis[®] LED Technology

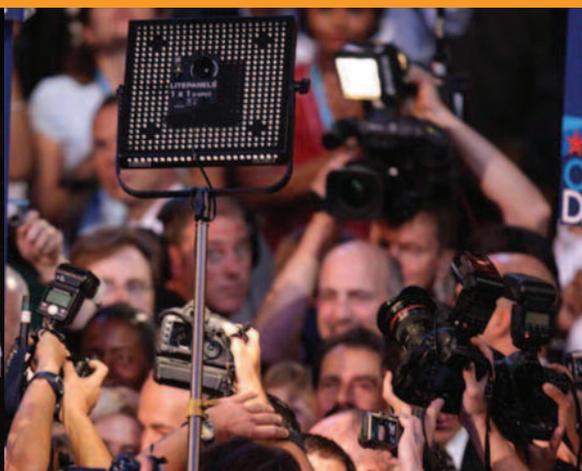


2x2™

4x4™

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Litepanels Micro™

The perfect camera light – fully dimmable & powered by AA batteries!



The compact lighting tool for today's small DV camcorders, the Micro™ harnesses the company's proprietary LED technology in an ultra-lightweight package. Users will enjoy luminous, soft, directional lighting with the same warmth and great color characteristics that make Litepanels an integral part of television, broadcast news & feature production. Plus it offers the convenience of running off 4 standard AA batteries.

Convenience, Control & Consistency

An integrated dimmer dial conveniently located at the top of the Micro housing puts instant 100% to 0 dimming with minimal color shift right at the operator's fingertips. Output is flicker free and heat free and remains consistent. For additional control, a flip-down filterholder allows for work with the three included color/diffusion gels.

Pint-Sized Power Saver

Litepanels Micro produces 1.5 to 7 hours of continuous output from 4 AA batteries (depending on the type of battery, see Advantages for details). That's over three times more efficient than a conventional tungsten camera light. It generates almost no heat, so it's remarkably easy to handle. And the system can be run off of either standard or rechargeable batteries. Power can be supplied optionally through a convenient 5-12V input jack located on the back of the unit.

Camera-Friendly/DV-Friendly Design

The compact, low-profile Litepanels Micro head is ideally suited for mounting on a mini DV camera. Measuring just 2.9" H x 3.93" W x 1.49" D (74mm x 100mm x 38mm), the head weighs less than 4 ounces (110g). Its black finish and sleek design make the fixture an unobtrusive addition to any camera.

Outfitted for Maximum Mounting Options

The Litepanels Micro housing comes equipped with an integrated camera shoe (with 1/4-20 connection located on the bottom) that features an adjustable tilt mechanism. To allow for multiple configurations, it may also be mounted on the optional base plate for off-camera usage, or on an extension arm.



Without Litepanels Micro

With Litepanels Micro

MICRO 5600°K PHOTOMETRICS

Distance	Footcandles	LUX
2 ft. / 0.6M	52 FC	560 LUX
4 ft. / 1.2M	26 FC	280 LUX
6 ft. / 1.8M	6.5 FC	70 LUX



Specifications

Size: 2.9" H x 3.93" W x 1.49" D (74mm x 100mm x 38mm) without shoe
 Weight: Under 4 oz (110g)
 Power Draw: 3 Watts
 Four AA batteries (internal)
 Flip-down filterholder
 5600°K Daylight Output (cool white)
 Filters Included: 3200°K Tungsten conversion (warm white), 1/4 warming and diffusion
 Wattage Equivalent: Approx. 25W

Options

- Spare color/diffusion gels
- Base plate for off-camera usage
- Articulated camera extension arm
- AC Power Adapter
- Underwater Housing
- DV Adapter Plate for Panasonic, Canon and Sony

Advantages

- Heat free LED technology
- Produces bright, HD-friendly soft light
- Integrated dimmer 100% to 0
- All in one with no external cables
- Absolutely flicker free light output
- Runs 1.5 hrs. on 4 AA batteries (HD Alkaline)
7-8 hours on Energizer e2 Lithium Ion Batteries
- Uses standard or rechargeable batteries
- Extremely lightweight and compact
- 50,000+ hours of LED life

Micro mounts unobtrusively on top of the camera



Litepanels MicroPro™

Double the output & lightweight on or off camera

The professional LED light that runs off 6 standard AA batteries. MicroPro™ daylight on-camera lighting fixtures harness the company's proprietary LED technology in a lightweight, compact design. With twice the illumination of the Litepanels Micro, the MicroPro offers luminous, soft, directional lighting with the same warmth and great color characteristics that make Litepanels an integral part of television, broadcast news and motion picture productions worldwide.

Shift free, Flicker free, Heat free

At the top of the MicroPro housing is a convenient integrated dimmer dial that puts instant 100% to 0 dimming with minimal color shift right at the operator's fingertips. Output is flicker free and heat free and remains consistent. For more versatility, an integrated filterholder allows for work with the three included color/diffusion gels.

Power Saver

Litepanels MicroPro produces 1.5 hours of continuous output from 6 AA batteries or 5-6 hours on Energizer e2 Lithium cells. It generates almost no heat, so it's remarkably easy to handle. And the system can be run off of either standard or rechargeable batteries. Power can be supplied optionally through a convenient 5-12V input jack located on the back of the unit. In addition there is an optional DV Adapter Plate for Panasonic, Canon and Sony batteries and Anton Bauer 2-Pin D-Tap power cable.

ENG/DV/DSLR-Friendly Design

The compact, low-profile Litepanels MicroPro head is ideally suited for mounting on an ENG, DV, or DSLR camera. Measuring just 5.5" W x 3.75" H x 1.5" D (139.7mm x 95.25mm x 38.1mm), the head weighs just 10.5 ounces (300g). With a handsome black finish and sleek design, it is a professional-looking addition to any camera.

Variety of Mounting Options

Litepanels MicroPro comes equipped with a Ball Head Shoe Mount with optional of 1/4-20 thread featuring an adjustable tilt mechanism. To allow for multiple configurations, it may also be mounted on the optional base plate for off-camera usage, or on an extension arm.

Specifications

Size: 5.5" W x 3.75" H x 1.5" D
(139.7mm x 95.25mm x 38.1mm) without shoe
Weight: 10.5 oz (300g)
Power Draw: 9 Watts
Six AA batteries (internal)
Integrated filterholder
5600°K Daylight Output (cool white)
Filters Included: 3200°K Tungsten conversion (warm white), ¼ warming and diffusion
Equivalent Wattage: Approximately 55W

For underwater usage, check out the SeaSun® on page 13.



Advantages

- Heat free LED technology
- Produces bright, HD-friendly soft light
- Integrated dimmer 100% to 0
- All in one with no external cables
- Absolutely flicker-free light output
- Runs 1.5 hrs. on 6 AA HD Alkaline batteries, or 5-6 hours on Energizer e2 Lithium cells
- Uses standard or rechargeable batteries
- Lightweight and compact
- 50,000+ hours of LED life

Options

- Spare color/diffusion gels
- Base plate for off-camera usage
- Articulated camera extension arm
- Sony Handycam® Shoe Adapter
- AC Power Adapter
- Underwater Housing
- Anton Bauer 2-Pin D-Tap Power Cable
- DV Adapter Plate for Panasonic, Canon and Sony



MICROPRO PHOTOMETRICS 5600°

Distance	Footcandles	LUX
2 ft. / 0.6M	100 FC	1100 LUX
4 ft. / 1.2M	52 FC	560 LUX
6 ft. / 1.8M	28 FC	300 LUX

Litepanels 1x1™

Models: 5600°K Flood • 5600°K Spot • 3200°K Flood • 5600°K Super-Spot



The 1x1™ is the most versatile production light ever built. Combining Litepanels' hallmark LED technology in a sophisticated, slimline housing, these revolutionary modular lights provide 1'x1' of pure, luminous, soft, directional output.

Highly Controllable

The 1x1 shares many of the technical innovations designed by Litepanels to give you an unmatched level of lighting control. An ergonomic control knob on the back enables instant dimming from 100% to 0 with minimal color shift. Absolutely silent, flicker free and heat free, the system can be positioned comfortably close to a subject's face, filling it with an unmatched quality of soft, wrap-around light. For even more control, a set of 6 interchangeable slide-in conversion and diffusion filters is available in various configurations for both daylight and tungsten versions. Filters also sold individually.



Dial in 100% to 0 dimming with minimal color shift

Power Efficient

Employing Litepanels' ultra-efficient LEDs, the system draws just 40 Watts @ 24V, yet outputs the equivalent of 500 Watts. The 1x1 is powered via an external 100-240VAC international adapter, which provides 24VDC to the unit. The 1x1 can also run off a variety of 18-28VDC sources, including a standard camera battery, car battery, or the optional Backpack PowerCell.

Square Deal

Designed for quick and easy set up and operation, Litepanels 1x1 measures just 12" (30.48cm) square, has a thickness of only 1.75" (44mm), and weighs a mere 3 lbs. (1.36kg). This ultra-flat profile, lightweight system adapts readily to a variety of lighting situations. The unit mounts easily on a light stand or tripod via a yoke with standard TVMP receptacle. Coupled with dedicated mounting hardware, the modular housing enables 2'x2' and 4'x4' multi-panel configurations — making the units able to fit a wide range of jobs.

In addition, Litepanels' groundbreaking design provides operators with a unique view-thru capability. The housing features an integrated pattern of hundreds of precisely aligned mini-portals. This offers the ability to view the subject being illuminated from behind the unit.



The versatile 1x1 offers a multitude of applications from product commercials to episodic television



Remote Dimming Module

By using Litepanels' optional wired Remote Dimming Module, operators can override the 1x1 on-board dimmer at distances up to 25 feet, an invaluable capability when the situation calls for adjustments in intensity made away from the light fixture itself.

Wired Remote Dimming Module or DMX interface available.



Multiple Options

Litepanels 1x1s are available as single daylight or tungsten fixtures. Optional accessories, including Litepanels' Backpack PowerCell, DMX modules and optional correction/diffusion gels, may be purchased separately. All 1X1's include the following: Fixture, Yoke, AC Power Supply with power cord and a Power Supply Mounting Bracket.

Specifications

Size: 12" W x 12" H x 1.75" D (30.48cm x 30.48cm x 4.4cm)

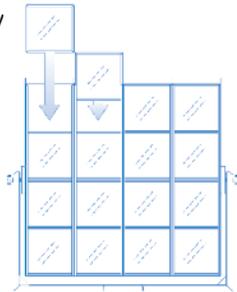
Weight: 3 lbs. (1.36kg)

Power Draw: 40 Watts @ 24V, 45 Watts @ 12V

Power Supply: 18-28V, AC Adapter 100-240V

Advantages

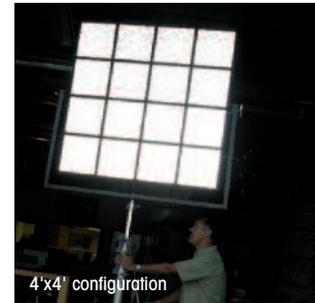
- Only 1.75" (44mm) thick
- Ultra lightweight & portable
- 12" (30.48cm) square
- Runs on AC adapter or battery
- Heat free & flicker free
- Dims 100% to 0 with minimal color shift
- Remote dimmer available
- 5600°K daylight or 3200°K incandescent versions
- Modular design for multipanel configuration
- 50,000+ hours of LED life
- View-thru to see the talent
- Litepanels award-winning LED technology
- Optional Backpack PowerCell (1.75 hours)
- Ballast free



Modular Litepanels 1x1 can be combined to form larger panels such as 2'x2', 4'x4', etc.



2'x2' configuration



4'x4' configuration

Litepanels Backpack PowerCell

Litepanels' innovative Backpack PowerCell mounts easily and unobtrusively on the rear of the Litepanels 1x1. The unit attaches in seconds to provide up to 1.75 hours of run time. A handy battery charger unit restores the PowerCell to 80% capacity in just over an hour. With a thickness of 1" (2.54 cm), and measuring 3.5" by 11" (10.2cm x 27.9 cm), the 1.5 lb. (.68 kg), ultra-thin PowerCell lets you position the light virtually anywhere. Also runs the Ringlite™ Mini.



Wireless Lighting without generators and power cables.



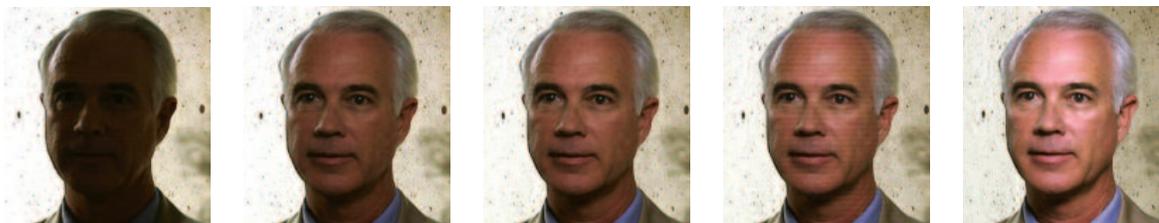
Interchangeable slide-in color correction/diffusion filters offer greater lighting control



Mounts easily on stands via yoke with standard TVMP Receptacle



Featured Accessory: Lighting grids-30, 45, 60, 90



Litepanels lets you dial up lighting ratios via their integrated dimmer with minimal color shift, something you can't do with fluorescent fixtures!

The 2 most versatile lights ever made



New Litepanels 1x1 Bi-Color™

All in one:
Variable Color Temperature

Finally, ultimate color control right at your fingertips. A soft, high output light that lets you quickly dial up any color—from cool white daylight to warm white tungsten. The new Litepanels® 1x1 Bi-Color flood lets you **adjust color temperature instantly** so you can adapt to different shooting conditions and skin tones on the fly. Like all Litepanels 1x1 lights, the Bi-Color has a full-range dimmer, remains cool to the touch, runs on AC or an optional snap-on battery, and produces a great, soft-wrapping light quality.



5600°K Daylight Balanced

4200°K

3200°K Tungsten Balanced



New Litepanels 1x1 Bi-Focus™

All in one:
Variable Spot & Flood or Spot/Super-Spot

Move over Fresnel. Litepanels introduces the **world's first electronic spot and flood** lighting fixture. So game changing, it's patented, the revolutionary 1x1 Bi-Focus features two complete groups of Litepanels' proprietary daylight LEDs—one set of spot and one set of flood—all in a single one-foot by one-foot square fixture. With a simple turn of a dial, you crossfade



between the two sets to achieve infinitely variable flood or spot output. All in a 3 pound, cool-to-the-touch fixture. Plus, there is Litepanels' world-famous 100% to 0 dimming, battery or AC versatility—and a super-thin, fit-anywhere profile.



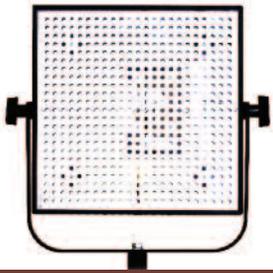
Litepanels Bi-Focus offers variable beam angles

Litepanels® 1x1 Bi-Color & Bi-Focus both feature:

- Extreme Portability
- Dial-up brightness
- Runs on battery or AC
- 1'x1' square & 1.75" thick
- Cool to the touch
- Ultra-lightweight, 3 lbs. (1.36 kg)
- Integrated DMX (new)
- Fits where other lights cannot go
- **Snap-on battery** option for wireless lighting
- Draws under 10% power of conventional lights



LITEPANELS 1X1 STANDARD: AVAILABLE IN 5600°K FLOOD & SPOT, AND 3200°K FLOOD



The Workhorse—Battery & AC powered 1x1
 Litepanels' lightweight, ultra-flat profile 1x1 is the most versatile production light ever built. Designed for quick set up and operation, the fixture mounts easily overhead—or elsewhere—to bathe a studio in soft, directional, luminous output. Its modular housing can be combined into 2'x2' and 4'x4' multi-panel configurations to fit a wide range of jobs. What's more, the 1x1's optional snap-on battery allows for location shooting without generators or power cables.

Flood Models	
Distance	
2 ft. / 0.6M	
4 ft. / 1.2M	
6 ft. / 1.8M	
5600°K Spot	
Distance	
2 ft. / 0.6M	
4 ft. / 1.2M	
6 ft. / 1.8M	

Footcandles	
130 FC	
34 FC	
14 FC	
Footcandles	
160 FC	
52 FC	
20 FC	

LUX	
1400 LUX	
370 LUX	
160 LUX	
LUX	
1700 LUX	
560 LUX	
210 LUX	

LITEPANELS 1X1 BI-COLOR: VARIABLE COLOR TEMPERATURE



All in one—Control Tungsten & Daylight
 Litepanels Bi-Color gives you ultimate color control at your fingertips. A soft, high output light that lets you quickly dial up any color—from cool white daylight to warm white tungsten. It lets you adjust color temperature instantly so you can adapt to different shooting conditions and skin tones on the fly. Like all Litepanels 1x1 lights, the Bi-Color™ has a full-range dimmer, remains cool to the touch, runs on AC or an optional snap-on battery, and produces a great, soft-wrapping light quality.

Distance	
2 ft. / 0.6M	
4 ft. / 1.2M	
6 ft. / 1.8M	

Footcandles	
130 FC	
34 FC	
14 FC	

LUX	
1400 LUX	
370 LUX	
160 LUX	

LITEPANELS 1X1 BI-FOCUS: VARIABLE FLOOD/SPOT (50°/30°) & SPOT/SUPER-SPOT (30°/15°)



All in one—Electronically Controlled Spot & Flood
 Move over Fresnel. The world's first electronic spot and flood light. So game changing that it's patented, the revolutionary 1x1 Bi-Focus™ features two complete groups of Litepanels' proprietary daylight LEDs—one set of spot and one set of flood—in a single 1'x1' square fixture. With a simple turn of a dial, you crossfade between the two sets to achieve infinitely variable flood or spot output. All in a 3 pound, cool-to-the-touch, super-thin, fit-anywhere fixture.

Flood	
Distance	
2 ft. / 0.6M	
4 ft. / 1.2M	
6 ft. / 1.8M	

Footcandles	
130 FC	
34 FC	
14 FC	

LUX	
1400 LUX	
370 LUX	
160 LUX	

5600°K Spot	
Distance	
2 ft. / 0.6M	
4 ft. / 1.2M	
6 ft. / 1.8M	

160 FC	
52 FC	
20 FC	

1700 LUX	
560 LUX	
210 LUX	

Spot/Super-Spot	
Distance	
2 ft. / 0.6M	
4 ft. / 1.2M	
6 ft. / 1.8M	

210 FC	
64 FC	
32 FC	

2200 LUX	
690 LUX	
340 LUX	

LITEPANELS 1X1 SUPER-SPOT: 5600°K WITH 15-DEGREE BEAM ANGLE



Tight, Long Throw—With no Spill
 While the standard 1x1 Spot focuses the 5600°K beam to 30 degrees, the Super-Spot further focuses the output to a 15-degree beam which concentrates the light in a smaller area and provides a longer throw of the light. Like all Litepanels fixtures, the 1x1 Super-Spot is cool to the touch and uses a small fraction of the power used by traditional lighting fixtures.

Distance	
2 ft. / 0.6M	
4 ft. / 1.2M	
6 ft. / 1.8M	

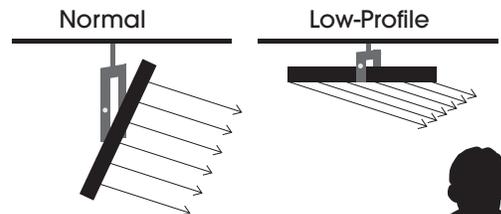
Footcandles	
210 FC	
64 FC	
32 FC	

LUX	
2200 LUX	
690 LUX	
340 LUX	

LITEPANELS 1X1 LOW-PROFILE: TAKES UP ONLY 3" OF HEADROOM

Ideal for Tight Spaces & Video Conferencing
 Reconfigured versions of the standard Spot, Flood, and Super-Spot designed to mount horizontally against a ceiling or wall. Since the LED bulbs on the Low-Profile are tilted at 40 degrees off axis, the light is uniquely projected forward from the fixture to softly light the subject, and is ideal for low headroom shooting situations. The Low-Profile draws little power and can be operated off 12-volt DC available in a car or bus.

Available in Flood (5600 & 3200° K), as well as Spot and Super-Spot configurations (5600° K). See data above.



Litepanels Low-Profile features LEDs tilted 40-degrees off axis to save valuable headroom



Litepanels MiniPlus™

Models: 5600°K Flood • 5600°K Spot • 3200°K Flood • IR

MiniPlus™ is the original heavy-duty, compact, portable, dimmable LED soft light. Available in daylight (flood and spot) and tungsten (flood) models, this powerful system provides soft, directional output. This broad lighting source is ideal to mount on a camera, wall, or any place that calls for a highly portable softlight.

Not Power Hungry



2+ hour Snap-on Battery

Litepanels MiniPlus is three times more efficient than a conventional tungsten camera light. And, it's easy to handle because it's virtually heat free. The system offers an efficient snap-on NiMH 2+ hour battery pack. A convenient 5-step bar graph fuel gauge and improved

charge indicator displays charging status and remaining battery power when the light is in use.

The 100-240VAC international adapter/charger can either run the MiniPlus or charge the battery pack.

The optional DV Battery Adapter Plate simply snaps onto the back of the MiniPlus head, for up to 8 hours of power using 2 standard Panasonic, Canon, or Sony DV camera batteries.



DV Battery Adapter Plate accepts 2 camcorder batteries



Dims from 100% to 0 (with virtually no color shift)

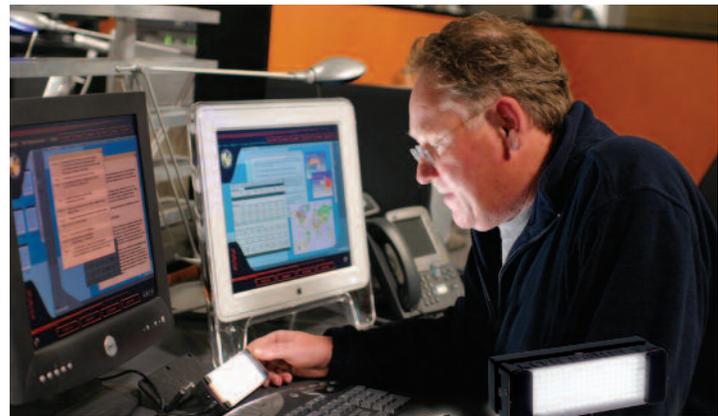


Highly Controllable

Litepanels® MiniPlus™ heads feature an output control knob for instant dimming from 100% to 0 with minimal color shift. Output is fully flicker free and heat free, and remains consistent even as the battery voltage goes down. For additional control, units are available with precut interchangeable conversion and diffusion gels that handily slip into an integral frame. Gels are supplied in 8 or 16-piece sets customized for every MiniPlus Camera Lite Kit, One-Lite, or Dual-Lite package. These long-life filters can also be purchased either in sets or individually.



Dimmer knob



David St. Onge, gaffer on the set of '24' where they used Litepanels



Deluxe Detachable Ball Mount and base plate

Elegant Design

The Litepanels MiniPlus head features a smart rectangular silhouette, conveniently suited to widescreen format. Measuring just 6.83" W x 2.30" H x 1.18" D (173mm x 60mm x 30mm), the head weighs only 9.6 ounces (.36kg). With its black anodized finish and sleek design, the housing blends in with modern desktops. In fact, it is so unobtrusive that it is often used in-frame. But looks aren't everything. Built for long life, the system is protected by a tough cast aluminum housing.

MINIPLUS PHOTOMETRICS 5600° FLOOD

Distance	Footcandles	LUX
2 ft. / 0.6M	100 FC	1100 LUX
4 ft. / 1.2M	52 FC	560 LUX
6 ft. / 1.8M	13 FC	140 LUX



Mounting Options

The base plate allows the MiniPlus to be fully freestanding, with easy pan and tilt adjustment. The Deluxe Detachable Ball Mount with integrated camera shoe allows for multiple configurations—on the base plate, camera shoe, or with other types of mounting hardware. An optional articulating extension arm offers ultimate positioning control.

New Remote Dimming Module

By using Litepanels' new optional wired Remote Dimming Module, operators can override the MiniPlus on-board dimmer at distances up to 25 feet, an invaluable capability when the situation calls for adjustments in intensity made away from the light fixture itself.



Wired Remote Dimming Module

Ready to Go

Litepanels MiniPlus is available in several configurations to suit individual requirements. Options range from the Camera Life Kit, to single or dual-lite packages that feature virtually everything you'll need in a handy case: fixtures, batteries, power adapters, cables, gel kits, and power adapter plugs for worldwide compatibility. The MiniPlus DV Lite Kit comes with your choice of a Sony, Panasonic or Canon DV adapter plate.

Specifications

Size: 6.83" W x 2.30" H x 1.18" D (173mm x 60mm x 30mm)
 Weight: 9.6oz (.36kg)
 Power Draw: 0.7 amps at 12VDC (8.4 watts)
 Power Supply: DC: 10-30V, AC Adapter 100-240V

Advantages:

- Heat free LED technology
- Produces bright, soft light
- Integrated dimmer 100% to 0
- 50,000+ hours of LED life
- Highly efficient
- Minimal color shift when dimming
- Absolutely flicker free 5600°K or 3200°K
- Snap-on 2+ hour rechargeable battery pack
- Deluxe Detachable Ball Mount and base plate
- DC—Run from battery, camera or car (10-30V)
- AC—Run from adapter (100-240V)
- Lightweight
- Handsome rectangular design
- Integrated heatsink
- Integral gel frame fits neatly on face of units
- Optional DV battery adapter plate for Panasonic, Canon and Sony



Litepanels offers a number of MiniPlus packages including: DV Kit, One and Two-Lite Packages, Camera Life Kit, and more



New Lighting Grids—30, 45, 90

MINIPLUS PHOTOMETRICS 5600° SPOT

Distance	Footcandles	LUX
2 ft. / 0.6M	160 FC	1700 LUX
4 ft. / 1.2M	72 FC	775 LUX
6 ft. / 1.8M	28 FC	280 LUX

Litepanels MiniPlus Infrared

Litepanels offers the only infrared light source on the market designed by production lighting professionals. Litepanels MiniPlus Infrared facilitates working in total darkness, making it ideal when shooting in surveillance, video night mode or with infrared film. Producing no visible light, the Litepanels IR is fast becoming an invaluable tool for cinema-verite style and reality TV projects and documentaries in which you want to keep your presence minimal or shoot unseen. A single unit bounced off the ceiling can illuminate an entire room.



Derek Carver uses Litepanels Infrared for "Survivor"



Litepanels Ringlite®

- Soft & directional
- Lightweight, slimline design
- Dims 100% to 0 with minimal color shift
- 3 user-selectable circuits
- Heat free & flicker free

Ringlite Mini® Models: 5600°K • 3200°K

Measuring 10.5" in diameter, 2" thick and weighing 3.5 pounds, Ringlite Mini provides luminous, soft, directional output in a cost-effective, versatile package. This low-profile, lightweight professional lighting tool is equally at home on or off camera, mounted on a stand, wall, or elsewhere.

Three Channels, Minimal Shift when Dimming

The Ringlite Mini employs powerful LEDs laid out in a tightly plotted grid. Lighting is divided into three separate user-selectable segments (bottom, middle, top). A separate, master dimmer circuit controls channels of output. On the back, four toggle switches regulate power and control upper, center and lower illumination. An ergonomic integrated control knob allows for instant dimming from 100%-0 with minimal shift in color, plus there is remote dimming capability. Completely flicker and heat free, the system can be moved in comfortably close to a subject, for soft, wrap-around light. A set of 6 interchangeable conversion and diffusion filters is available.



Ringlite Mini fits most popular cameras

Power Efficient

This ultra-efficient LED light source draws just 3.5 amps (40W @12VDC). Power is provided by an external 100-240VAC international AC adapter. Equipped with an XLR power connector cable, the unit can be run off of 12-30VDC battery sources such as the Litepanels Backpack PowerCell.

Specifications

- Outer Diameter: 10.5" (26.7 cm)
- Inner Diameter: 5" (12.7 cm)
- Weight: 3.5 Lbs (1.58 kg)
- Depth: 2" (5.1 cm) thick
- Power Draw: 40 Watts/3.5 amps @ 12VDC
- Power Supply: 12-30V, AC Adapter 100-240V
- 6 piece filter set: 1/8, 1/4, 1/2, full CTO; 250, Lt.
- Grid diffusion

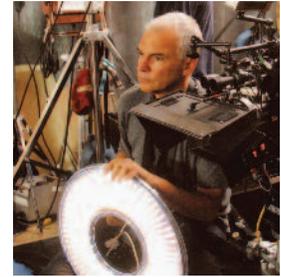
Options

- Backpack PowerCell (1.75 hrs.)
- Mounting brackets
- Correction/diffusion gel filter
- Remote Controls

Ringlite Cinema® Models: 5600°K • 3200°K



Anastas Michos, ASC chose LED Ringlite for "The Women"



Theo Van de Sande, ASC handholds Ringlite for just the right kick

Employing an array of seventy two segments of ultra-powerful LEDs laid out in a precisely spaced concentric design, this ingenious illumination tool produces an even quality of luminous, soft, directional output.

Ultimate Control at Your Fingertips

A favorite of Hollywood, Ringlite Cinema controls lighting through three separate, adjustable circuits. Operators can select 24, 48 or the full 72 LED segments. Thanks to its heat free and flicker free output, Ringlite can be moved in close with no discomfort to the subject.

The system's ergonomic integrated dimmer control enables instant dimming from 100% to 0 with minimal shift in color. For additional lighting refinement, a set of interchangeable correction/diffusion gels is available. They fit neatly on the face of the unit, held in place by a translucent cover.

RINGLITE CINEMA 5600°K FLOOD PHOTOMETRICS

Distance	Footcandles	LUX
5 ft./ 1.5M	240 FC	2600 LUX
10 ft./ 3M	64 FC	690 LUX
15 ft./4.5M	34 FC	370 LUX

RINGLITE MINI 5600°K FLOOD PHOTOMETRICS

Distance	Footcandles	LUX
5 ft./ 1.5M	100 FC	1100 LUX
10 ft./ 3M	28 FC	280 LUX
15 ft./4.5M	13 FC	140 LUX



Litepanels SeaSun® Underwater

Litepanels, which revolutionized motion picture and television lighting on land, has teamed with Hollywood-based underwater motion picture specialist HydroFlex®, Inc. to develop a family of next generation underwater lighting fixtures, the Litepanels SeaSun® Underwater housing series.

Underwater with 1x1, MicroPro

Underwater fixtures are specially made to fit Litepanels 1x1 and MicroPro. Using stock Litepanels, SeaSun® encases the fixtures in custom aluminum and plexiglass watertight housings that yield the soft output Litepanels is famous for.

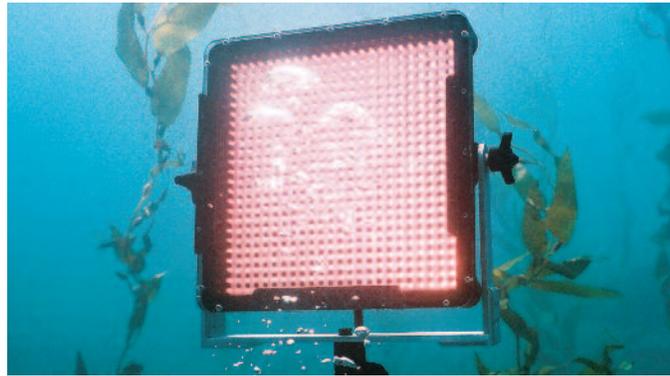
Advantages For Underwater Lighting

When shooting underwater, the cameraperson and crew are working in a three-dimensional water column. Depending on the scene or the subject, the camera and lighting are usually in constant motion trying to get the shot. The tools needed to successfully shoot underwater have to be lightweight and easy to maneuver. The SeaSun lighting fixtures have been designed to be as close to neutrally buoyant as possible, allowing for easy movement to follow the action. They are designed to be slightly negative in buoyancy, small in size and easily handheld underwater.

Less Energy Needed

Litepanels LEDs require less than 1/10th the amount of power as traditional underwater lighting sources, which allows batteries used to power the lights to last 10 times longer than old-style underwater fixtures. For example, using Energizer e2 Lithium Ion AA batteries, the MicroPro can run over 5 hours. And because LEDs emit almost no heat at all, the Litepanels SeaSuns can be removed from the water with the light still turned on.

Litepanels SeaSun fixtures are easily gelled to modify color temperature of the light provided. Precut pieces of gel material can be carried and applied to the underwater fixture during the dive.



Litepanels SeaSun Housing for 1x1 Bi-Color & Bi-Focus

Dimensions: 13" x 13" x 4" (33.02 x 33.02 x 10.16 cm)
Depth Rating: 100'

Litepanels SeaSun Housing for 1x1 Standard

Dimensions: 13" x 13" x 4" (33.02 x 33.02 x 10.16 cm)
Depth Rating: 100'

Litepanels SeaSun Housing for MicroPro

Dimensions: 6.5" x 5.25" x 3.5" (16.51 x 13.33 x 8.89 cm)
Depth Rating: 100'



SeaSun MicroPro Underwater Housing

Advantages

- Portable
- No cables to the surface
- Slightly negative buoyancy
- Easily handheld
- Constructed of PV
- Modular for various underwater lighting combinations



SeaSun 1x1

SEA SUN®



Photo by Nils Aukan of underwater DP Steve Miller filming 2nd Century AD Amphora in the Adriatic using Litepanels MicroPro in Seasun housing.

Litepanels Broadcast Lighting



Thin detachable battery for wireless lighting



HD Friendly Studio Lighting



Battery & AC-powered Location Lights

Litepanels® Broadcast Lighting Division is ready to meet the unique requirements of the network, television and remote teleproduction industry. The Broadcast Division provides the means to directly address broadcasters' lighting needs.

HD Friendly

Litepanels' expert team of engineers and designers recognize the new challenges of High Definition acquisition. While most traditional lighting fixtures were designed prior to the detailed eye of High Definition, Litepanels revolutionary LED lighting is softer, flattering, comfortable and maneuverable—to beautifully illuminate today's best resolution images.

Energy Saving

Litepanels' next generation technology saves big on energy consumption. Litepanels fixtures draw less than 5% of the electrical power of tungsten lamp fixtures. And because Litepanels' LEDs generate practically no heat, there are similar savings in air conditioning costs.

Cost Efficient

Add to that the more than 50,000-hour life of Litepanels' LEDs, which provide over 10 years of life, even under daily usage. This contrasts with the short lamp life of incandescent and fluorescent fixtures. So say goodbye to wasted time and money changing lamps. Plus Litepanels are free from the hazardous mercury that is present in fluorescent tubes. Litepanels is the answer for a green-minded broadcaster seeking a good return on investment.

Eco Friendly

ENG and EFP crews have been successfully using Litepanels' on-camera MiniPlus and the battery-operated 1'x1' lights for several years. So it's no wonder smart-minded studios, including television newsrooms, prelit green screen stages and the White House Briefing Room, are looking to Litepanels for outstanding quality, cost-efficient, eco-friendly lighting.

The future of lighting is available today for:

- HD-Friendly Studio lighting
- ENG camera lights
- HDV camera lights
- Battery & AC-powered location lights
- News helicopter interior illumination
- Chroma Key/Virtual Sets

Advantages:

- Fully integrated lighting systems
- Expert lighting consultation
- Energy-efficient lighting experts
- Worldwide solutions
- Eco friendly



ENG Camera Lights



News Sets



HDV Camera Lights



News Helicopter Interior Illumination



Litepanels White Paper

Excerpts of study by independent DIT, DP and BSEE Chris Mellor. For the full paper visit www.litepanels.com



Litepanels daylight full output (Gain x5)

Consistent Color

Every Litepanels LED goes through a stringent test to make sure that it is exactly matched to the target color temperature.

Litepanels® 1x1 was tested against a popular fluorescent and a Tungsten light for color shift. The Sony XDCAM HD was framed on a white card and evenly lit. No Knee and standard gamma. The result was viewed on a Leader 5750 Waveform/Vectorscope at GAIN TIMES 5 to better illustrate color shifts.



Fluorescent daylight full output (Gain x5)
Note cyan color shift



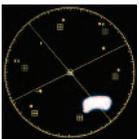
Litepanels daylight half output (Gain x5)

Litepanels—virtually zero shift at half power

Heat: +20°F above ambient RT 22 BTU

Power Consumption: 47 watts

Weight: 3 lbs



Fluorescent daylight half output (Gain x5)

Fluorescent—cyan shift at half power

Heat: +121°F above ambient RT 750.86 BTU

Power Consumption: 234 watts

Weight: 13 lbs



Tungsten/CTB half output (Gain x5)

Tungsten—red shift at half power

Heat: +200°F above ambient RT 1800 BTU

Power Consumption: 550 watts

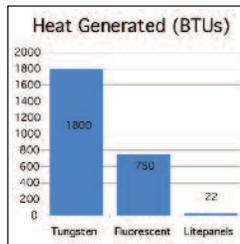
Weight: 4.5 lbs

Low Power Consumption

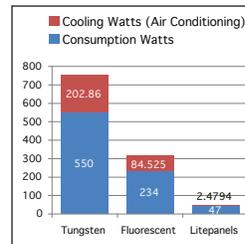
Litepanels 1x1 accepts 12 – 30 volt DC either via the universal power adapter (100-240 volts AC), Backpack PowerCell, any suitable battery or lighter outlet. The current consumption is 45-55 watts at full power depending on source voltage. If you consider power usage over a production, battery savings can be substantial, which in turn saves time and more. Plus Litepanels are safe, lightweight and rugged.

Conclusion

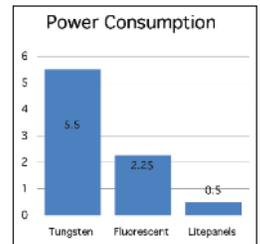
Only Litepanels offers the ultimate combination of fully dimmable light output with low-power consumption in cool-running lightweight housings.



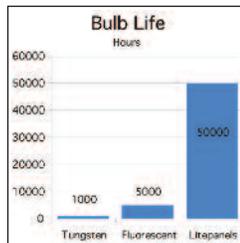
Coolest Running



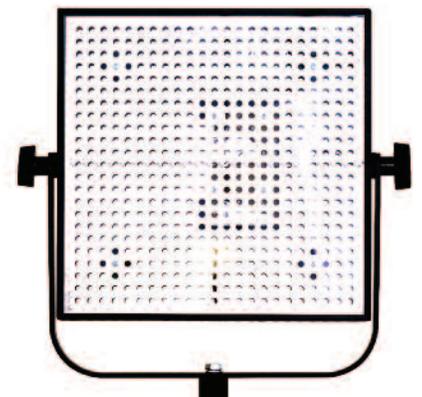
Requires Less Air Conditioning



Lowest Power Consumption



Longest Bulb Life



Specifications subject to change without notice.

"Litepanels has reinvented broadcast lighting. I work much faster because Litepanels systems are lightweight, extremely portable, easy to use, and can run on their own attached batteries."

Director of Lighting, Major Network
Washington DC

"I'm able to dial up the exact lighting I want and the talent looks fantastic."

Bernard Auroux, Cinematographer

"...because Litepanels draws so little power, the 1x1 runs all night..."

Ted Ballard, Executive Director of
Television Broadcasting for the HEAT

"What we save on excess baggage has paid for the Litepanels several times over!"

Chuck Henry, producer, "Travel Cafe"

"Litepanels products have shown themselves to be adaptable, reliable, and useful in our harsh aviation environment."

Carston Bell
Angel City Air, Los Angeles, California

"Litepanels doubled the light levels and reduced power requirements, and heat generated by 95%."

K. Baxter regarding the White House Press Room



**LITE
PANELS®**

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