



LED LITEMAT™ 2



Ready-to-Shoot. Color-Correct™. LED Luminaire.

The LiteMat™ 2 is a unique and lightweight LED lighting fixture system designed for cinema, television, and HD video. Born out of the need for a Color-Correct™ light source that is both lightweight yet durable, high quality yet economical, and simple yet cleverly fashioned, the system takes an unusual approach to lighting. By providing evenly spaced, Color-Correct™ LEDs spread out over a large area, LiteMat™ creates soft light without requiring diffusion. This “soft-through-pixelization” method allows the unit to achieve surprisingly bright light levels while remaining under 1 in. (25 mm) thick in size and just 3.5 lb (1.5 kg) in weight.

The LiteMat™ 2 can be used any time that soft and controllable light is required. As a key light, you can easily mount the unit on a “Baby” stand or attach it to an elevator wall with adhesive-backed Velcro®. Because it’s lightweight, LiteMat™ makes a great handheld fill light or one that can easily be mounted overhead.

The LiteMat™ 2 is powered and controlled by the same gear used for VHO Pro LED LiteRibbon®. As an existing LiteRibbon® user, you can use all of your LiteDimmer™ Single and Hybrid controls as well as power supplies and battery adapters. If you have not yet explored the world of LiteGear’s™ LED LiteRibbon®, now is a great time. Investments in power and controls work with 24 variations of LiteRibbon® as well as your new LiteMat™ fixtures.



Applications

LiteMat™ walks the line between a complete, ready-to-shoot system and a DIY light source. With its set of predefined accessories, it can serve the needs of DPs, gaffers, and lighting technicians looking for a more turn-key setup. Conversely, the LiteMat™ head unit, with its Kino Flo®-compatible mounting system, offers great flexibility with its light weight and modular design and high light output. This allows the LiteMat™ to serve as the heart of your next great idea. You can easily make your own accessories or simple soft boxes, customized light banks, or even your own Chinese lantern.



LITEGEAR™ PRODUCTS ARE DESIGNED BY I.A.T.S.E. LOCAL 728 MEMBERS HOLLYWOOD, CALIFORNIA, USA



MADE WITH GENUINE LITERIBBON® THE PROVEN, ORIGINAL LED RIBBON USED ON THOUSANDS OF FILM AND TELEVISION PROJECTS



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LITEGEAR, INC. 4406 W. VANOWEN STREET BURBANK, CALIFORNIA 91505, USA



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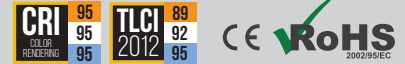
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Optional Accessories

Accessories include a 3-in. (76 mm) **PolySkirt™** that helps control the light output by limiting the amount of light exiting the fixture beyond the 120-degree primary field. There are three densities of **Diffusers** that mount to the **PolySkirt™** along with a light-control louver. The **Parasquare® Louver** is an aluminized sheet with parabolic elements within each hexagonal cell. It works well to provide desirable light output with refined edges and an even field. Its unique properties allow for outstanding peripheral light reduction with no output loss. Also available is the **Center Mount** which is used when mounting to a 5/8-in. (16 mm) Baby stand.



LED LiteMat 2™ Specifications

LiteMat 2	Mechanical					Electrical			Optical					Photometric						
	Width in.	Width mm	Height in.	Height mm	LED Qty.	Voltage (Nominal)	Amps @12V	Watts @12V	CCT Kelvin	CCT (+/-)	CRI	TLCI (2012)	Lumens	fc @ 12 in.	fc @ 24 in.	fc @ 36 in.	fc @ 48 in.	fc @ 60 in.	fc @ 72 in.	fc @ 96 in.
Tungsten	21	533	21	533	576	12	7.7	92	3200	100	95	89	5146	1080	376	188	113	75	55	35
Daylite	21	533	21	533	576	12	7.7	92	6000	100	95	95	5846	1201	418	209	125	84	62	39
Hybrid	21	533	21	533	576	12	7.7	92	3.2/6k	100	95	92	5496	1140	397	198	119	79	59	37

PolySkirt™

The PolySkirt™ helps control peripheral light and hold fabric diffusers.



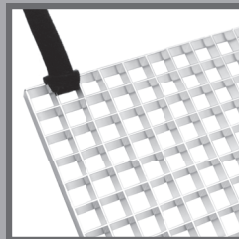
Diffusers

There are 3 densities of diffusers that mount to the PolySkirt™.



Parasquare® Louver

Parabolic and aluminized, this louver redirects peripheral light with no output loss.



Center Mount

The Center Mount is used when mounting to a 5/8-in. (16mm) Baby stand.



KitBag™

The LiteMat™ KitBag™ is specially designed to hold a complete LiteMat™ with all accessories.



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