



# LITEGEAR™

# LITEMAT™ 1

## LED LITEMAT™ 1



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

The LiteMat™ 1 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 2.2 lb (1 kg) in weight.

The LiteMat™ 1 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™ 1 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



FOLLOW OUR INSTAGRAM FEED  
@LITEGEAR  
TAG YOUR OWN PIX WITH  
#LITERIBBON



FOLLOW US ON TWITTER  
@LITEGEAR  
TAG YOUR OWN TWEETS WITH  
#LITERIBBON



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



GIVE US A CALL OR SMS MESSAGE  
+1 818 358-8542  
MONDAY-FRIDAY, 8A-4:30P (PACIFIC)



SEND US AN EMAIL  
INFO@LITEGEAR.COM  
SUPPORT@LITEGEAR.COM



FOR MORE INFORMATION:  
VISIT US AT  
WWW.LITEGEAR.COM



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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™ 1 Specifications

		Mechanical					Electrical			Optical					Photometric							
LiteMat™ 1		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	11.5	292	288	12	3.8	46	3200	100	95	89	2573	599	205	100	60	41	30	19	
	Daylite	21	533	11.5	292	288	12	3.8	46	6000	100	95	95	2923	666	229	112	67	46	33	21	
	Hybrid	21	533	11.5	292	288	12	3.8	46	3.2/6k	100	95	92	2748	632	217	106	63	44	31	20	

#### PolySkirt™

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



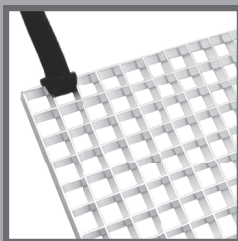
#### Diffusers

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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