

# LGM24 - 2'x4' TILT LIGHT PANEL

## FEATURES

### CONSTRUCTION

- Side lit design for an ultra thin profile
- Insulation contact (IC) rated
- IP44, suitable for damp or dry locations
- Wide beam angle (120°) for better spacing
- 100% Acrylic LGP (for color stability)
- Polycarbonate diffuser
- CE and cULus Rated
- RoHS compliant
- 5 year warranty (standard)

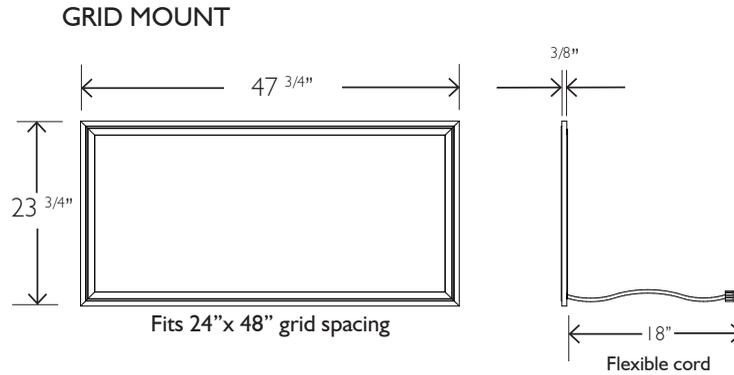
### ELECTRICAL

- Dimmable (via driver or using PWM) <sup>(1)</sup>
- Constant voltage design allows for multiple lights per driver
- LM-80 and LM-79 available
- Panels can be placed within 50 feet of driver
- Long life over 50,000 hours L<sub>70</sub>

Project Name	
Date	
Type	



Part Numbers: (lights, options)	



ENERGY USAGE <sup>(2)</sup>			
CQ		HE	
WDC	WAC	WDC	WAC
49	56	49	56

L GM 24 40 W - HE

Style	Mounting Type	Panel Size	CCT Options	*Frame Color	Model
L - Light Panel	GM - Grid Mount	24 - 2' x 4'	30 - 3000K	W - White	CQ - Color Quality: CRI >90, R9 >50
			35 - 3500K	B - Black <sup>(3)</sup>	
			40 - 4000K	S - Silver <sup>(3)</sup>	
			50 - 5000K		

Use With

DRIVERS
LD60
LD90
LD100P

\*NOTE: Custom colors or custom sizes may result in additional cost and/or lead times.

## CQ LUMEN CHART

The TILT CQ line is designed to provide high color rendering with a more complete spectral distribution.

CQ - COLOR QUALITY MODEL			
COLOR	CRI >90, R9 >50		
CCT	STANDARD		WITH DIM CHIP <sup>(4)</sup>
	LUMENS	LUMENS	LUMENS
	L/W	L/W	L/W
5000K	5900	5000	4000
	97	100	104
4000K	5300	4500	3500
	95	98	102
3500K	5250	4500	3500
	92	95	98
3000K	4800	4000	3000
	83	85	89

## HE LUMEN CHART

The TILT HE line is designed to provide a balance of light quality and energy efficiency.

HE - HIGH EFFICIENCY MODEL			
COLOR	CRI >80, R9 >5		
CCT	STANDARD		WITH DIM CHIP <sup>(4)</sup>
	LUMENS	LUMENS	LUMENS
	L/W	L/W	L/W
5000K	6300	5000	4000
	111	114	119
4000K	6300	5000	4000
	110	113	118
3500K	6250	5000	4000
	110	113	118
3000K	6200	5000	4000
	109	112	117



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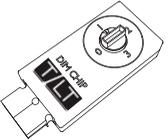
### DRIVER SPECIFICATIONS

Class 2, SELV, UL8750, short circuit, over voltage, over current and over temperature protection. CE rated, RoHS compliant and plenum rated (UL 2043). NOTE: Drivers are available in an Emergency version: battery back-up - 90mins at 7W output. See our LDPE7 data sheet for details.

Model	Size in Inches (LxWxH)	AC Input	Output (VDC/W)	Dimmable <sup>(1)</sup>	Working Temp	Max Fixtures <sup>(5)</sup>	
						CQ	HE
LD60	3.0"W x 12.0"L x 1.5"D	90 - 305V	24V / 60W	Yes	-40~70C	1	1
LD90	3.0"W x 12.0"L x 1.5"D	90 - 305V	24V / 90W		-40~70C	1	1
LD100P	2.6"W x 14.0"L x 1.6"D	90 - 305V	24V / 100W		-40C - 60C	2	2

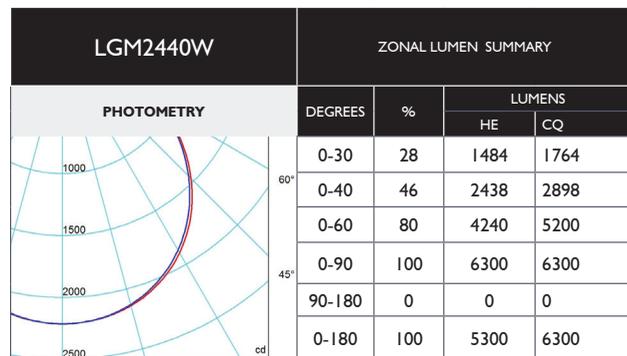
### DIM CHIP SPECIFICATIONS

All TILT drivers can use resistance to control the maximum wattage of the driver. See chart below for resistive settings and effects.

	ALL DIM CHIP MODELS	DC01	DC02	DC03	CUSTOM
	Dim Chip Setting 0	100%	100%	100%	If a custom lumen level is desired, Lauren will produce a single setting Dim Chip for the specification. Specify the desired lumens from the fixture and Lauren will provide the correct Dim Chip based on your light output needs.
Dim Chip Setting 1	85%	75%	50%		
Dim Chip Setting 2	75%	50%	30%		
Dim Chip Setting 3	50%	25%	10%		

### PHOTOMETRICS

Photometric charts with testing data.



Call for specific information not listed here: 855.440.8458



### NOTES (NUMBERS)

- (1) See driver or dimming product sheet for specific details
- (2) AC W used for circuit power, DC W used for driver circuit
- (3) Frame colors other than white are custom
- (4) Lumen packages provided using Dim Chip with driver
- (5) Based on watt load of fixtures and driver output



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 2162 Reiser Avenue SE | New Philadelphia, OH 44663 P: 855.440.8458 | F: 330.339.1515  
 laurenillumination.com | laureninternational.com