

LGM14 - 1'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
- CE and cULus Rated
- RoHS compliant
- 5 year warranty (standard)

ELECTRICAL

- Dimmable (via driver or using PWM) ⁽¹⁾
- 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 at 50,000 hours L₇₀

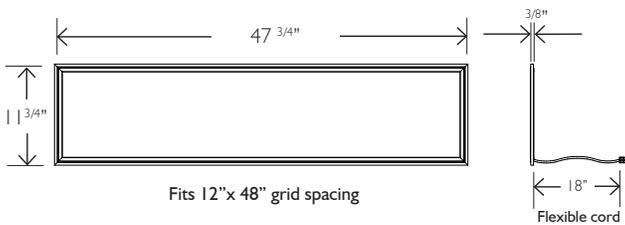
Project Name	
Date	
Type	



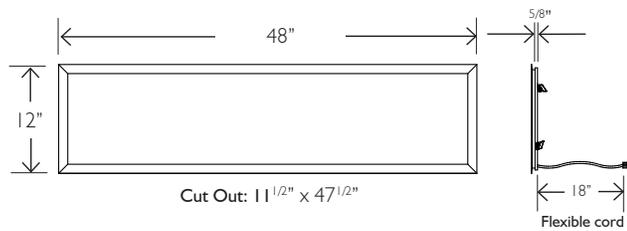
Part Numbers: (lights, options)	

ENERGY USAGE ⁽²⁾			
CQ		HE	
WDC	WAC	WDC	WAC
40	45	33	38

GRID MOUNT



FLUSH MOUNT



L GM 14 40 W - HE

Style	Mounting Type	Panel Size	CCT Options	*Frame Color	Model
L - Light Panel	GM - Grid Mount FM - Flush Mount	14 - 1' x 4'	30 - 3000K	W - White	CQ - Color Quality: CRI >90, R9 >50
			35 - 3500K	B - Black ⁽³⁾	
			40 - 4000K	S - Silver ⁽³⁾	
			50 - 5000K		

Use With

DRIVERS	
LD40	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 ⁽⁴⁾
	LUMENS	LUMENS	LUMENS
	L/W	L/W	L/W
5000K	4000	3250	2500
	86	91	94
4000K	3900	3250	2500
	85	89	92
3500K	3750	3000	2500
	83	83	87
3000K	3400	2900	2500
	75	77	80

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 ⁽⁴⁾
	LUMENS	LUMENS	LUMENS
	L/W	L/W	L/W
5000K	4000	3250	2500
	98	102	106
4000K	3900	3250	2500
	97	100	104
3500K	3750	3200	2500
	95	97	101
3000K	3600	3000	2500
	94	96	100



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 ⁽¹⁾	Working Temp	Max Fixtures ⁽⁵⁾	
						CQ	HE
LD40	3.0"W x 12.0"L x 1.5"D	90 - 305V	24V / 40W	Yes	-40~70C	1	1
LD60	3.0"W x 12.0"L x 1.5"D	90 - 305V	24V / 60W		-40~70C	1	1
LD90	3.0"W x 12.0"L x 1.5"D	90 - 305V	24V / 90W		-40~70C	2	2
LD100P	2.6"W x 14.0"L x 1.6"D	90 - 305V	24V / 100W		-40C - 60C	2	3

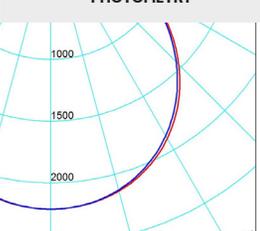
DIM CHIP SPECIFICATIONS

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.

LGM2240W		ZONAL LUMEN SUMMARY			
PHOTOMETRY	DEGREES	%	LUMENS		
			HE	CQ	
	0-30	28	1100	1100	
	0-40	46	1800	1800	
	0-60	80	3120	3120	
	0-90	100	3900	3900	
	90-180	0	0	0	
	0-180	100	3900	3900	

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