

LGM12 - 1'x2' 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

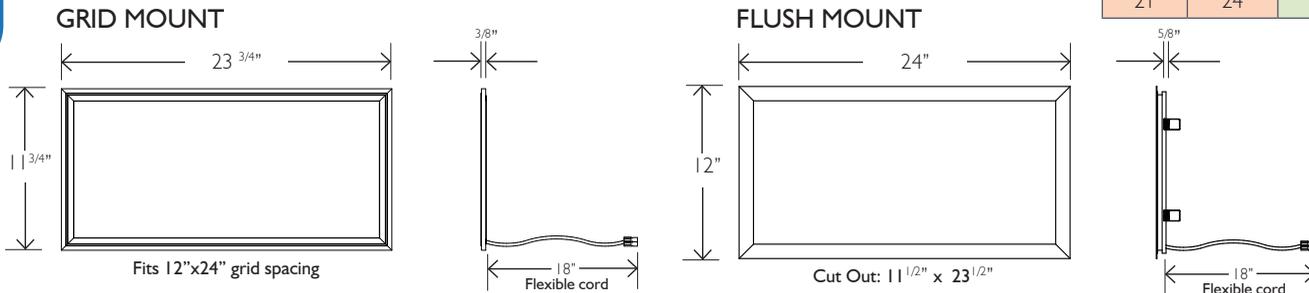
- Dimmable (via driver or using PWM) ⁽¹⁾
- Constant voltage design allows for multiple lights per driver
- LM-80 and LM-79 available
- Panels can be placed within 50 feet of driver
- Long life at over 50,000 hours L₇₀

Project Name	
Date	
Type	



Part Numbers: (lights, options)	

ENERGY USAGE ⁽²⁾			
CQ		HE	
WDC	WAC	WDC	WAC
21	24	19	22



Style	Mounting Type	Panel Size	CCT Options	*Frame Color	Model
L - Light Panel	GM - Grid Mount FM - Flush Mount	12 - 1' x 2'	30 - 3000K	W - White	CQ - Color Quality: CRI >90, R9 >50
			35 - 3500K	B - Black ⁽³⁾	
			40 - 4000K	S - Silver ⁽³⁾	
			50 - 5000K		

DRIVERS	
LD25	LD60
LD40	LD100P
LD90	

Use With

*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	2100	1700	1300
	89	92	95
4000K	2050	1625	1225
	85	88	91
3500K	1975	1550	1150
	84	87	90
3000K	1775	1375	1050
	76	78	81

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	2200	1800	1350
	100	103	107
4000K	2150	1750	1350
	99	102	106
3500K	2150	1750	1350
	98	101	105
3000K	2100	1700	1300
	98	101	105



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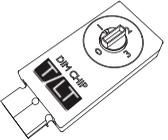
DRIVER SPECIFICATIONS

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 ⁽¹⁾	Working Temp	Max Fixtures ⁽⁵⁾	
						CQ	HE
LD25	3.0"W x 12.0"L x 1.5"D	90 - 305V	24V / 25W	Yes	-35~70C	1	1
LD40	3.0"W x 12.0"L x 1.5"D	90 - 305V	24V / 40W		-40~70C	1	2
LD60	3.0"W x 12.0"L x 1.5"D	90 - 305V	24V / 60W		-40~70C	2	3
LD90	3.0"W x 12.0"L x 1.5"D	90 - 305V	24V / 90W		-40~70C	4	4
LD100P	2.6"W x 14.0"L x 1.6"D	90 - 305V	24V / 100W		-40C - 60C	4	5

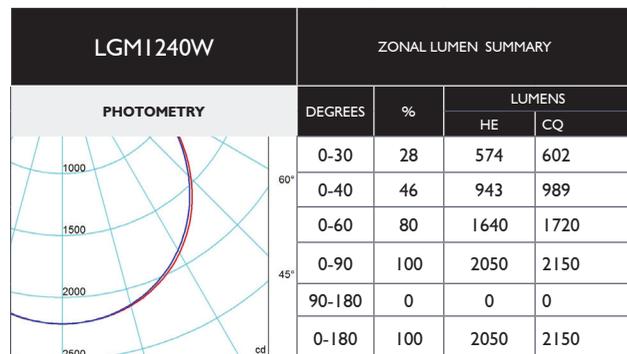
DIM CHIP SPECIFICATIONS

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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