TILT / LIGHTING TECHNOLOGY

INDUSTRY-LEADING 7 YEAR WARRANTY

1’ x 2’ LED PANEL

PROJECT	
TYPE	PART#

PRODUCT FEATURES

- Plug & Play 24 Volt design for quick install and design flexibility
- Constant voltage design allows multiple lights per driver and greater energy efficiency
- Dimmable (0-10V or PWM)
- Polycarbonate diffuser will not shatter, sag or yellow
- 100% acrylic light guide panel for color stability
- Edge-lit design for ultra thin profile (3/8”)
- Wide 120° beam angle for better spacing
- Lights can be located up to 50’ from driver
- IP44 rating for damp or dry locations
- IC rating permits contact with insulation
- Rated for over 50,000 hours LM-70
- Panels may be grid, flush or surface mounted
- Install with TILT® Drivers and Wired Components

PART NUMBER & PRODUCT GUIDE (1’X 2’ LED PANEL)

Grid Mount Part#	Flush Mount Part#	Description	Color Temp	CRI	R9	Lumens	AC Watts	DC Watts	L/W-DC
LGM1230W-HE	LFM1230W-HE	1’X2’ LED Panel	3000K	>80	>5	2030	22	18	113
LGM1235W-HE	LFM1235W-HE	1’X2’ LED Panel	3500K	>80	>5	2080	22	18	116
LGM1240W-HE	LFM1240W-HE	1’X2’ LED Panel	4000K	>80	>5	2120	22	18	118
LGM1250W-HE	LFM1250W-HE	1’X2’ LED Panel	5000K	>80	>5	2170	22	18	120
LGM1230W-CQ	LFM1230W-CQ	1’X2’ LED Panel	3000K	>90	>50	1850	23	19	97
LGM1235W-CQ	LFM1235W-CQ	1’X2’ LED Panel	3500K	>90	>50	1900	23	19	100
LGM1240W-CQ	LFM1240W-CQ	1’X2’ LED Panel	4000K	>90	>50	1950	23	19	102
LGM1250W-CQ	LFM1250W-CQ	1’X2’ LED Panel	5000K	>90	>50	2000	23	19	105

* HE Model is designed to provide a balance of light quality and energy efficiency.

* CQ Model is designed to provide high color rendering with a more complete spectral distribution.

* CQ Model orders may require additional lead time.

* For surface mount application: Use Grid Mount product with surface mount accessory.

LAUREN ILLUMINATION

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1' X 2' LED PANEL

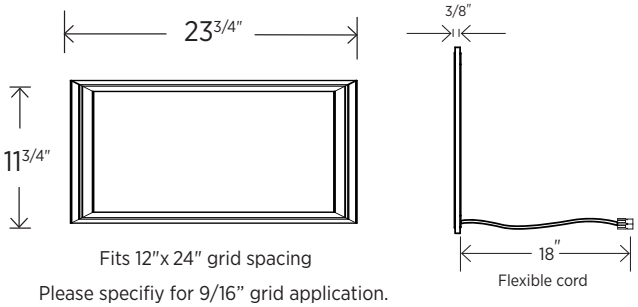
SPECIFICATION SHEET

DRIVER SPECIFICATIONS

Part #	Size (WxLxD)	AC Input	DC Output	Working Temp	Max Lights/Driver HE	Max Lights/Driver CQ
LD16	3.0" x 12.0" x 1.5"	90 - 305V	24V / 16W	-35~70C	0	0
LD25	3.0" x 12.0" x 1.5"	90 - 305V	24V / 25W	-35~70C	1	1
LD40	3.0" x 12.0" x 1.5"	90 - 305V	24V / 40W	-40~70C	2	2
LD60	3.0" x 12.0" x 1.5"	90 - 305V	24V / 60W	-40~70C	3	3
LD90	3.0" x 12.0" x 1.5"	90 - 305V	24V / 90W	-40~70C	5	4
LD100P	2.6" x 14.0" x 1.6"	90 - 305V	24V / 100W	-40~60C	5	5

DIMENSIONAL DATA

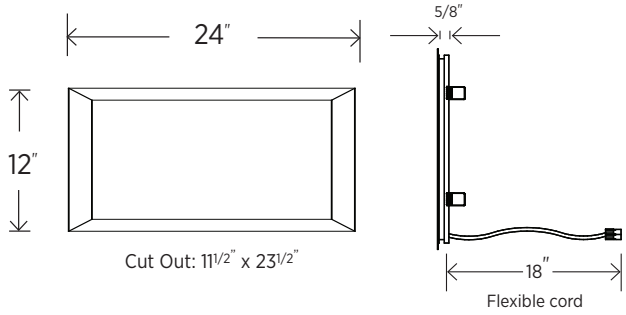
GRID MOUNT



Fits 12"x 24" grid spacing

Please specifiy for 9/16" grid application.

FLUSH MOUNT

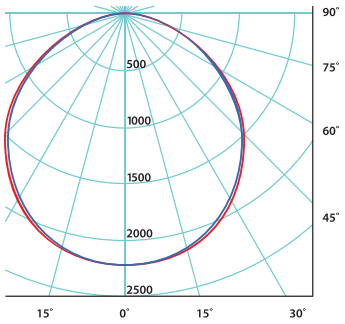


Cut Out: 11 1/2" x 23 1/2"

Product Weight: 4.5 lbs

PHOTOMETRIC DATA

Photometry



Zonal Lumen Summary (LGM1235W-HE*)

Degrees	%	Lumens
0-30	28	594
0-40	46	956
0-60	80	1664
0-90	100	2080
90-180	0	0
0-180	100	2080

*CQ Model may vary from HE Model. Contact Lauren Illumination.

RoHS CE UL CERTIFIED SAFETY US-CA E357470 eMerge ALLIANCE MEMBER PARTICIPATING

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