6" LED LINEAR PANELS

T/LT
TILT / LIGHTING TECHNOLOGY
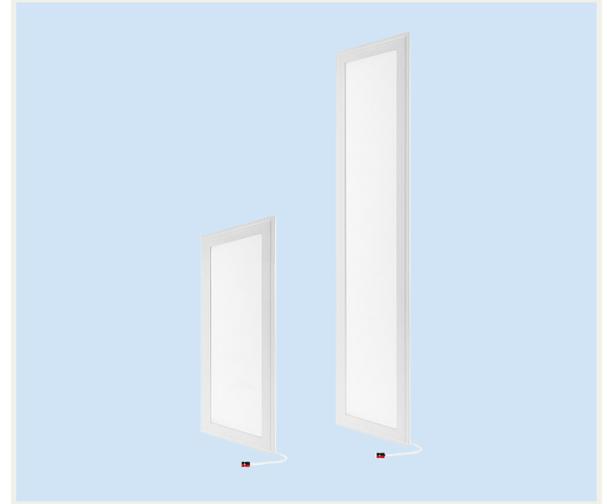
INDUSTRY-LEADING
10 YEAR
WARRANTY

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, surface mounted or suspended
- Install with TILT® Drivers and Wired Components

PART NUMBER & PRODUCT GUIDE (6" LED LINEAR PANELS)

Grid Mount Part#	Flush Mount Part#	Description	Color Temp	CRI	R9	Lumens	AC Watts	DC Watts	L/W-DC
LGMSS30W-0624-HE*	LFMSS30W-0624-HE*	6"X24" LED Linear	3000K	>80	>5	1650	17	14	117
LGMSS35W-0624-HE*	LFMSS35W-0624-HE*	6"X24" LED Linear	3500K	>80	>5	1725	17	14	123
LGMSS40W-0624-HE*	LFMSS40W-0624-HE*	6"X24" LED Linear	4000K	>80	>5	1750	17	14	125
LGMSS50W-0624-HE*	LFMSS50W-0624-HE*	6"X24" LED Linear	5000K	>80	>5	1800	17	14	128
LGMSS30W-0624-CQ*	LFMSS30W-0624-CQ*	6"X24" LED Linear	3000K	>90	>50	1225	17	14	88
LGMSS35W-0624-CQ*	LFMSS35W-0624-CQ*	6"X24" LED Linear	3500K	>90	>50	1350	17	14	96
LGMSS40W-0624-CQ*	LFMSS40W-0624-CQ*	6"X24" LED Linear	4000K	>90	>50	1375	17	14	98
LGMSS50W-0624-CQ*	LFMSS50W-0624-CQ*	6"X24" LED Linear	5000K	>90	>50	1400	17	14	100
LGMSS30W-0648-HE	LFMSS30W-0648-HE	6"X48" LED Linear	3000K	>80	>5	3200	31	27	119
LGMSS35W-0648-HE	LFMSS35W-0648-HE	6"X48" LED Linear	3500K	>80	>5	3250	31	27	124
LGMSS40W-0648-HE	LFMSS40W-0648-HE	6"X48" LED Linear	4000K	>80	>5	3350	31	27	124
LGMSS50W-0648-HE	LFMSS50W-0648-HE	6"X48" LED Linear	5000K	>80	>5	3400	31	27	126
LGMSS30W-0648-CQ*	LFMSS30W-0648-CQ*	6"X48" LED Linear	3000K	>90	>50	2650	31	27	98
LGMSS35W-0648-CQ*	LFMSS35W-0648-CQ*	6"X48" LED Linear	3500K	>90	>50	2700	31	27	100
LGMSS40W-0648-CQ*	LFMSS40W-0648-CQ*	6"X48" LED Linear	4000K	>90	>50	2750	31	27	102
LGMSS50W-0648-CQ*	LFMSS50W-0648-CQ*	6"X48" LED Linear	5000K	>90	>50	2800	31	27	103

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Grid Mount Part#	Description	Color Temp	CRI	R9	Lumens	AC Watts	DC Watts	L/W-DC
LGMSS30W-0660-HE*	6"X60" LED Linear	3000K	>80	>5	3200	35	30	107
LGMSS35W-0660-HE*	6"X60" LED Linear	3500K	>80	>5	3250	35	30	108
LGMSS40W-0660-HE*	6"X60" LED Linear	4000K	>80	>5	3300	35	30	110
LGMSS50W-0660-HE*	6"X60" LED Linear	5000K	>80	>5	3400	35	30	113
LGMSS30W-0672-HE*	6"X72" LED Linear	3000K	>80	>5	4950	52	45	110
LGMSS35W-0672-HE*	6"X72" LED Linear	3500K	>80	>5	5000	52	45	111
LGMSS40W-0672-HE*	6"X72" LED Linear	4000K	>80	>5	5050	52	45	112
LGMSS50W-0672-HE*	6"X72" LED Linear	5000K	>80	>5	5075	52	45	113
LGMSS30W-0696-HE*	6"X96" LED Linear	3000K	>80	>5	5275	55	48	110
LGMSS35W-0696-HE*	6"X96" LED Linear	3500K	>80	>5	5300	55	48	110
LGMSS40W-0696-HE*	6"X96" LED Linear	4000K	>80	>5	5325	55	48	111
LGMSS50W-0696-HE*	6"X96" LED Linear	5000K	>80	>5	5350	55	48	111

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

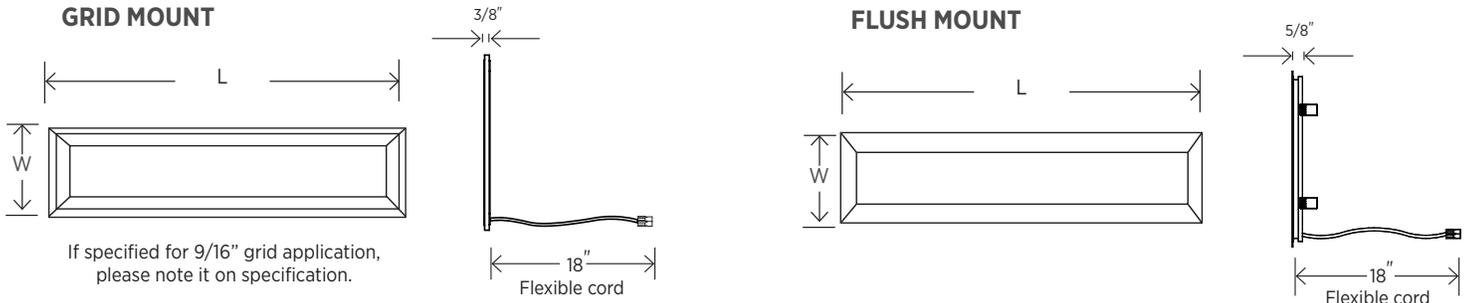- CQ Model is designed to provide high color rendering with a more complete spectral distribution (24" & 48" only).

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

*This model may have minimum order quantity required and additional lead time. Contact Lauren Illumination for details.

DRIVER SPECIFICATIONS

Part#	Size (WxLxD)	AC Input	DC Output	Working Temp	Max Lights/Driver (HE Model*)				
					6 x 24	6 x 48	6 x 60	6 x 72	6 x 96
LD16	3.0" x 12.0" x 1.5"	90 - 305V	24V / 16W	-35~70C	1	0	0	0	0
LD25	3.0" x 12.0" x 1.5"	90 - 305V	24V / 25W	-35~70C	1	0	0	0	0
LD40	3.0" x 12.0" x 1.5"	90 - 305V	24V / 40W	-40~70C	2	1	1	0	0
LD60	3.0" x 12.0" x 1.5"	90 - 305V	24V / 60W	-40~70C	4	2	2	1	1
LD90	3.0" x 12.0" x 1.5"	90 - 305V	24V / 90W	-40~70C	6	3	3	2	1
LD100P	2.6" x 14.0" x 1.6"	90 - 305V	24V / 100W	-40~60C	6	3	3	2	2

DIMENSIONAL DATA

GRID MOUNT

L

W

3/8"

If specified for 9/16" grid application, please note it on specification.

18"

Flexible cord

FLUSH MOUNT

L

W

5/8"

18"

Flexible cord

Product	Length	Width	Depth	Cut Out (Flush Mount Only)	Weight (lbs)
6"x 24"	23 3/4"	5 3/4"	3/8"	23 1/4"x 5 1/2"	2.5
6"x 48"	47 3/4"	5 3/4"	3/8"	47 1/4"x 5 1/2"	4.5
6"x 60"	59 3/4"	5 3/4"	3/8"		5.0
6"x 72"	71 3/4"	5 3/4"	3/8"		5.5
6"x 96"	95 3/4"	5 3/4"	3/8"		6.0

PHOTOMETRIC DATA

Photometry	Zonal Lumen Summary (LGMSS35W-0648-HE Model*)		
	Degrees	**%**	**Lumens**
	0-30	28	910
	0-40	46	1495
	0-60	80	2600
	0-90	100	3250
	90-180	0	0
	0-180	100	3250

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

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