

LINEAR SERIES (4")

400-500 LUMENS/FT

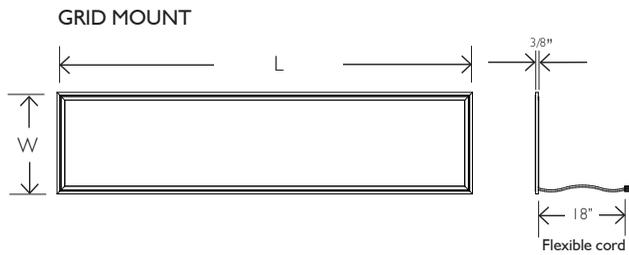
FEATURES

CONSTRUCTION

- Side lit design for an ultra thin profile
- Insulation contact (IC) rated
- IP44, suitable for damp or dry locations
- Wide beam angle (120°)
- CE and cULus Rated
- 100% Acrylic LGP (for color stability)
- Polycarbonate diffuser
- 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
- Can be placed within 50 feet of driver
- Long life at 50,000 hours L₇₀



Project Name	
Date	
Type	



Part Numbers:
(lights, options)

PRODUCT SIZE AND ENERGY USAGE ⁽²⁾

Item	W	L	Depth	CQ or HE	
				WDC	WAC
0404	3 3/4"	3 3/4"	3/8"	2.0	3.0
0412	3 3/4"	11 3/4"	3/8"	5.2	6.5
0424	3 3/4"	23 3/4"	3/8"	12.0	14.0
0448	3 3/4"	47 3/4"	3/8"	24.0	28.0

ALSO AVAILABLE IN FLUSH MOUNT

L GM SS 40 W - 04 12 - HE

Type	Mounting	Style	CCT Options	*Frame Color	Width	Length	Model
L - Light Panel	GM - Grid Mount	SS - Linear	30 - 3000K	W - White	04 - 4"	04 - 4"	CQ - Color Quality: CRI>90, R9>50 HE - High Efficiency: CRI>80, R9>5
	FM - Flush Mount		35 - 3500K	B - Black ⁽³⁾		12 - 12"	
			40 - 4000K	S - Silver ⁽³⁾		24 - 24"	
			50 - 5000K			48 - 48"	

Use With

DRIVERS	
LDI6	LD60
LD25	LD90
LD40	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					
CRI >90, R9 >50					
CCT		4"x4"	4"x12"	4"x24"	4"x48"
5000K	Lumens	85	400	915	1850
	L/W	52	67	68	71
4000K	Lumens	80	385	900	1800
	L/W	50	64	67	71
3500K	Lumens	75	380	870	1750
	L/Wt	50	64	64	68
3000K	Lumens	75	350	800	1650
	L/W	45	57	57	63

HE LUMEN CHART

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

HE - HIGH EFFICIENCY MODEL					
CRI >80, R9 >5					
CCT		4"x4"	4"x12"	4"x24"	4"x48"
5000K	Lumens	100	450	1050	2100
	L/W	57	77	80	81
4000K	Lumens	90	425	1050	2050
	L/W	53	75	77	80
3500K	Lumens	90	425	1025	2050
	L/W	54	73	76	79
3000K	Lumens	90	425	1025	2000
	L/W	52	73	76	78



LINEAR SERIES (4")

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 (HE or CQ)
LD16	3.0"W x 12.0"L x 1.5"D	90 - 305V	24 / 16W	Yes	-35~70C	TILT drivers can be used to run multiple lights. Add the DC WATTS of the lights to determine the correct driver. Do not overload the driver. Multiple drivers may be needed depending on the design. See below.
LD25	3.0"W x 12.0"L x 1.5"D	90 - 305V	24 / 25		-35~70C	
LD40	3.0"W x 12.0"L x 1.5"D	90 - 305V	24V / 40W		-40~70C	
LD60	3.0"W x 12.0"L x 1.5"D	90 - 305V	24V / 60W		-40~70C	
LD90	3.0"W x 12.0"L x 1.5"D	90 - 305V	24V / 90W		-40~70C	
LD100P	2.6"W x 14.0"L x 1.6"D	90 - 305V	24V / 100W		-40C - 60C	

SAMPLE LAYOUT

Twelve by twelve foot office at 50-60 footcandles.
(0.67 w/Sq.Ft.)

4 EASY STEPS TO SPECIFYING ROOM LAYOUTS

1 Choose lights for your design

Shown	Size	Qty	W/ Fixture	Total W
A	4x48	4	24	96
WATTS TOTAL				96

3 Choose accessories to connect drivers

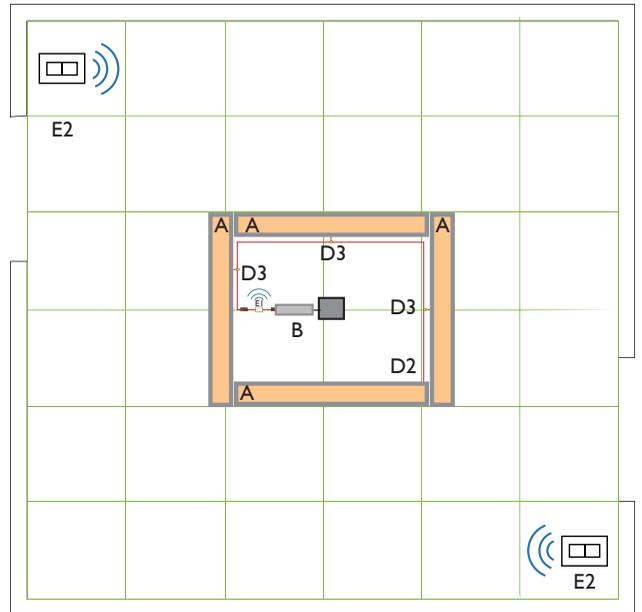
Shown	Item	Description	Qty
D2	DL10	10' Drive line	1
D3	SW24	24" Speed Whip	3

2 Choose driver(s) based on total wattage

Shown	W/ Driver	Qty	Total W
B	LD100P	1	100

4 Add controls

Shown	Item	Description	Qty
E1	WLVD	Wireless dimmer	1
E2	WSSW	Wireless switch	2



PHOTOMETRICS

Photometric charts with testing data.

LGMSS40W-0448-HE	ZONAL LUMEN SUMMARY		0404	0412	0424	0848
	DEGREES	%				
	0-30	28	25	119	287	574
	0-40	46	41	196	471	943
	0-60	80	72	340	820	1640
	0-90	100	90	425	1025	2050
	90-180	0	0	0	0	0
	0-180	100	90	425	1025	2050



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



Lauren Illumination is a Lauren International Company
©Lauren Illumination and ©TILT are registered trademarks of Lauren Illumination
2162 Reiser Avenue SE | New Philadelphia, OH 44663 P: 855.440.8458 | F: 330.339.1515
laurenillumination.com | laureninternational.com