

LINEAR SERIES (6")

650-750 LUMENS/FT

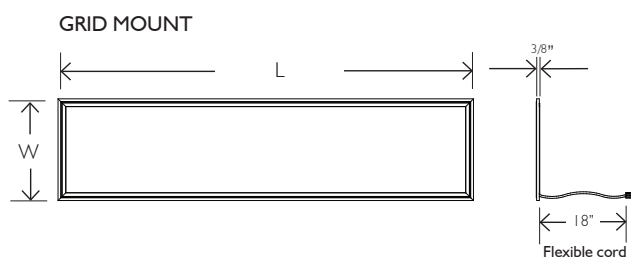
FEATURES

CONSTRUCTION

- Side lit design for an ultra thin profile
- Insulation contact (IC) rated
- IP44, suitable for damp or dry locations
- Wide beam angle (120°)
- 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
- 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
0606	5 3/4"	5 3/4"	3/8"	4.0	4.6
0612	5 3/4"	11 3/4"	3/8"	8.0	9.2
0624	5 3/4"	23 3/4"	3/8"	15.0	17.3
0648	5 3/4"	47 3/4"	3/8"	30.0	34.6

ALSO AVAILABLE IN FLUSH MOUNT

L GM SS 40 W - 06 12 - HE

Type	Mounting	Style	CCT Options	*Frame Color	Width	Length	Model
L - Light Panel	GM - Grid Mount	SS -Linear	30 - 3000K	W - White	06- 6”	06 - 6”	CQ - Color Quality: CRI>90, R9>50
	FM - Flush Mount		35 - 3500K	B - Black ⁽³⁾		12 - 12”	HE - High Efficiency: CRI>80, R9>5
			40 - 4000K	S - Silver ⁽³⁾		24 - 24”	
			50 - 5000K			48 - 48”	

Use With

DRIVERS	
LD16	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		6"x6"	6"x12"	6"x24"	6"x48"
5000K	Lumens	295	690	1400	2475
	L/W	72	76	85	76
4000K	Lumens	270	675	1375	2425
	L/W	69	76	80	76
3500K	Lumens	265	650	1350	2400
	L/W	67	73	79	75
3000K	Lumens	250	575	1225	2100
	L/W	61	64	70	64

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		6"x6"	6"x12"	6"x24"	6"x48"
5000K	Lumens	300	760	1550	2950
	L/W	77	88	90	91
4000K	Lumens	300	750	1575	2925
	L/W	79	85	90	88
3500K	Lumens	300	750	1575	2925
	L/W	75	84	90	88
3000K	Lumens	300	725	1500	2825
	L/W	75	84	89	87

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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 (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 fourteen foot office at 37 footcandles.
(0.7 W/Sq. Ft.)

4 EASY STEPS TO SPECIFYING ROOM LAYOUTS

1 Choose lights for your design

Shown	Size	Qty	W/ Fixture	Total W
A1	0624	4	15	60
A2	0648	2	30	60
WATTS TOTAL				120

3 Choose accessories to connect drivers

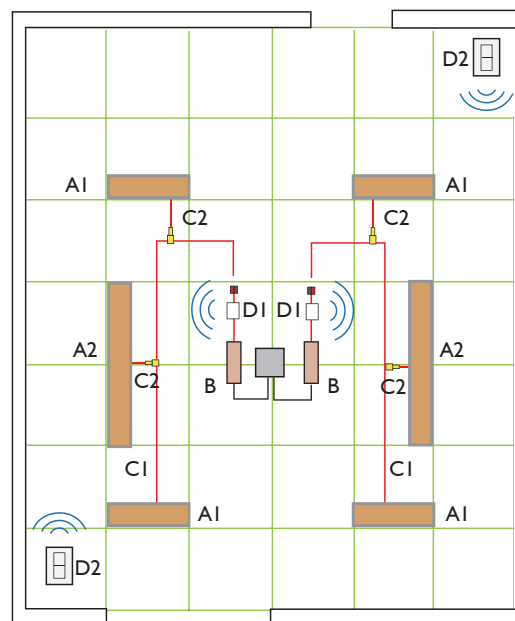
Shown	Item	Description	Qty
C1	EXT08	8' Extension	2
C2	SW24	24" Speed Whip	4

2 Choose driver(s) based on total wattage

Shown	W/ Driver	Qty	Total W
B	LD60	2	120

4 Add controls

Shown	Item	Description	Qty
D1	WLVD	Wireless dimmer	2
D2	WSSW	Wireless switch	2



PHOTOMETRICS

Photometric charts with testing data.

LGMSS40W-0612-HE		ZONAL LUMEN SUMMARY		0606	0612	0624	0648
PHOTOMETRY		DEGREES	%				
	0-30	28	84	210	441	819	
	0-40	46	138	345	725	1346	
	0-60	80	240	600	1260	2260	
	0-90	100	300	750	1575	2925	
	90-180	0	0	0	0	0	
	0-180	100	300	750	1575	2925	



Call for specific information not listed here: 855.440.8458

NOTES (NUMBERS)

(1) See driver or dimming product sheet for specific details

(3) Frame colors other than white are custom

(2) AC W used for circuit power; DC W used for driver circuit



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