

LINEAR SERIES (8")

800-900 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
- RoHS compliant
- 5 year warranty (standard)

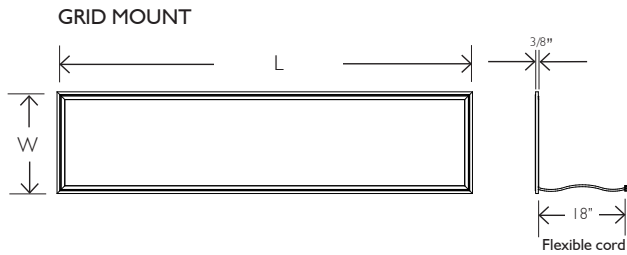
ELECTRICAL

- 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
0808	7 3/4"	7 3/4"	3/8"	6.5	7.5
0812	7 3/4"	11 3/4"	3/8"	9.0	10.4
0824	7 3/4"	23 3/4"	3/8"	19.0	21.9
0848	7 3/4"	47 3/4"	3/8"	39.0	40.5

ALSO AVAILABLE IN FLUSH MOUNT

L GM SS 40 W - 08 12 - HE

Type	Mounting	Style	CCT Options	*Frame Color	Width	Length	Model
L - Light Panel	GM - Grid Mount	SS -Linear	30 - 3000K	W - White	08- 8"	08 - 8"	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		8"x8"	8"x12"	8"x24"	8"x48"
5000K	Lumens	550	825	1800	3750
	L/W	87	85	88	88
4000K	Lumens	525	800	1750	3650
	L/W	76	83	84	87
3500K	Lumens	525	750	1725	3625
	L/Wt	79	78	84	88
3000K	Lumens	475	700	1500	3325
	L/W	70	73	73	78

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		8"x8"	8"x12"	8"x24"	8"x48"
5000K	Lumens	600	900	1975	4000
	L/W	90	95	97	98
4000K	Lumens	600	900	1975	4100
	L/W	92	95	96	101
3500K	Lumens	600	900	1975	4000
	L/W	90	97	99	99
3000K	Lumens	600	900	1975	3800
	L/W	89	93	96	95



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

Ten foot hallway - 50 footcandles.
(1.1 W/Sq. Ft.)

4 EASY STEPS TO SPECIFYING ROOM LAYOUTS

1 Choose lights for your design

Shown	Size	Qty	W/ Fixture	Total W
A	0824	4	39	156
WATTS TOTAL				156

3 Choose accessories to connect drivers

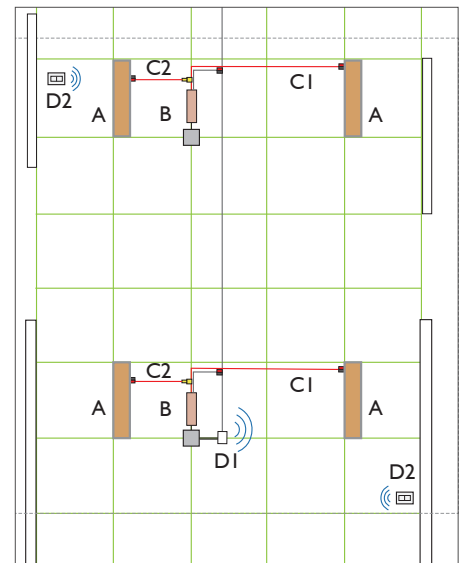
Shown	Item	Description	Qty
C1	EXT08	8' Extension	2
C2	SW24	24" Speed Whip	3

2 Choose driver(s) based on total wattage

Shown	W/ Driver	Qty	Total W
B	LD90P	2	180

4 Add controls

Shown	Item	Description	Qty
D1	W010	Area Controller	1
D2	WSSW	Wireless switch	2



PHOTOMETRICS

Photometric charts with testing data.

LGMSS30W-0824-CQ		ZONAL LUMEN SUMMARY		0808	0812	0824	0848
PHOTOMETRY		DEGREES	%				
	0-30	28		168	252	553	1064
	0-40	46		276	414	908	1748
	0-60	80		480	720	1580	3040
	0-90	100		600	900	1975	3800
	90-180	0		0	0	0	0
	0-180	100		600	900	1975	3800

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

