



TILT / LIGHTING TECHNOLOGY

2016-2017 UPDATED
PRODUCT CATALOG

A NEW WAY OF LIGHT

TILT lighting from Lauren Illumination brings you a light so extraordinary you need to see it to believe it. Our Thin Light Technology, or TILT for short, is more than just another luminaire. Each TILT fixture delivers a pure light that changes the entire mood of a room with light quality that's closer to naturally occurring sunlight and is consistently beautiful from fixture-to-fixture.

TILT's elegantly simple, engineered, system design makes installing a snap. Installers appreciate working with the quick connect, low voltage wiring system, and lightweight fixtures. You'll love the fact that it's an energy-efficient, energy-saving luminaire that pays for itself many times over during its long life. For all the details, ask your representative for more information or download our technical information at: www.laurenillumination.com.

LAUREN ILLUMINATION

Lauren Illumination is a designer and manufacturer of high-quality, innovative lighting products and services. Lauren Illumination is a member of Lauren International Inc., a global innovator bringing new products and services to market. Visit: www.laurenillumination.com

LAUREN INTERNATIONAL

For over 50 years, Lauren Companies have been recognized globally for their innovation and excellence in products and services across a diverse spectrum of markets. An international leader and award-winning company, Lauren International instills in all its companies a relentless dissatisfaction with the status quo and the drive to pursue excellence at every turn. Visit: www.laureninternational.com



WHAT YOU NEED TO KNOW WHEN CHOOSING TILT LIGHTS

TILT lighting technology is one of the most flexible light products made today. TILT is a complete lighting system from power supply to dimming controls that provides a sleek modern look and allows for the space of a room to be seen, not the light fixtures. The plenum rated, low voltage distribution system along with the IC rated, ultra-thin profile light fixtures provides engineers and architects with the ability to meet their customer's needs without having to compromise in any situation. TILT products come in CQ (high color quality) and HE (high efficiency) models to ensure that we have the right product for every application.

DESIGNERS

TILT lights give you the design freedom you value in a modular system design. A variety of fixture sizes and shapes and various light colors and energy usage options provide you with the beauty, quality, and efficiency you need.

The product's thin profile and enhanced thermal efficiencies allow for safe ceiling installations in insulation contact environments including spaces with little-to-no-plenum. All TILT lights are warranted for over 50,000 hours and its low voltage distribution system and quick connect design allows you to install multiple lights from a single driver. Available with wireless dimming and many other options —TILT provides the products and support you need for your project.



SPECIFIERS

When your project demands staying on-time and on-budget, these thin profile lights deliver. From easy, quick installation, to beautiful light with great CRI and R9 values across all fixtures — you get the highest quality, most durable lighting system you can specify.



INSTALLERS

You'll love TILT's unique low voltage, quick connect design, which helps minimize installation time. The TILT driver design allows you to install multiple lights from a single driver, bunker all drivers above the grid or install where I-Beams or other objects obstruct plenum space without design modification. TILT lighting fixtures are highly durable, easy to handle, and do not require light covers or bulbs to clean or change.



WE MAKE IT EASY FOR YOU

One of our primary goals is to make it easy for you to do business with us. We constantly look for ways to add value for you and your customers. From our mix-and-match product line including lights, drivers, controls and accessories, to our design assistance, we've got you in mind.

When designing new projects, we are more than eager to help you through the planning stage with the assistance of our internal staff of engineers. This commitment to service allows you to confidently specify the product selections and room layouts you need without question. At Lauren Illumination, we are always looking for ways to help you maximize your efforts for an excellent project outcome while minimizing your purchase needs. Ask your sales professional for all the details.

EXCELLENT COLOR QUALITY (CQ) FROM FIXTURE-TO-FIXTURE

TILT lighting's Color Quality (CQ) option gives you excellent color through its high CRI (>90), and R9 (>50) values for true color in every application. Our commitment to quality assures that when you choose TILT lighting, you get consistent color from fixture-to-fixture for the professional outcome you expect. Every TILT light meets our rigorous testing standards for quality and consistency. So, when your project requires great color light that's consistent from room to room and project to project, you can count on TILT.

HIGH ENERGY EFFICIENCY (HE) WITH GREAT COLOR OPTIONS

Sometimes your project requires you to be more concerned with energy efficiency than color quality. With TILT lighting's High Efficiency (HE) option, you get the efficiency you desire while still getting good color quality using standard CRI (>80) with a specified R9 (>5). Our HE lights provide you with a highly efficient system while at the same time giving you great color quality that's consistent from fixture-to-fixture in every project. Visit www.laurenillumination.com/products for specification details.



THE PROOF IS IN SEEING... WHAT MAKES US DIFFERENT

All TILT lights deliver exceptional light quality from fixture-to-fixture that emphasizes the true palette of sunlight, bringing the outside, inside. But it's our extremely thin profile, our modular system design and innovative flexibility that make specifying and installation so simple. Even in zero plenum space applications, you'll finish a job in a fraction of the time compared to other products. Take a closer look at the many reasons to choose TILT lighting for your next project.



100% SUPPORT

We take every measure to ensure your success - and that ultimately means our success. We do it by providing personalized service, design support, no-hassle ordering and timely delivery. So, in today's market, where the stakes are higher than ever before and when it comes to defining success - Lauren Illumination has your best interest in-mind. We're not another 'me-too' product or 'no-name' company found on the Internet, but one that makes your priorities, our priorities.



BEAUTIFUL LIGHT

All TILT products can be counted on to deliver the light quality you need. When color is important to a space, our CQ (color quality) models will make it pop by delivering high CRI and R9 values. If efficiency is what you need, our HE (high efficiency) models balance CRI and R9 with higher lumens per watt. Either way, you will get long lasting, beautiful light that is consistent from fixture-to-fixture.



SLIM PROFILE

The side-lit design combined with the low voltage distribution system makes TILT products the thinnest products available. These insulation contact (IC) rated fixtures can be installed anywhere from ceiling grid to existing ceilings, and insulated spaces. Two mounting styles (flush and grid) and a variety of surface mount and hanging frames make this fixture perfect for any application.



RELIABLE DRIVERS

TILT lights use a high quality SELV Class 2 driver design with the same durability and safety as our panels. Using a two-stage design and three-in-one dimming, these drivers are built to last. TILT drivers have universal input (90-305 VAC), protection against, over-current, over-voltage, over-temperature, and short-circuit as well as built-in active power factor correction.



DISTRIBUTION SYSTEM

Contractors and installers love the ease of installation and time saved with TILT's remote driver and quick connect system for flexibility in any design configuration. TILT's system allows you to eliminate conduit materials and save on labor costs.

SEEING IS BELIEVING...

You won't believe your eyes the first time you see your environment go from dingy to dynamite. TILT light's wide beam angle, game-changing photometrics, unique self-contained thin profile design, and long life give you outstanding illumination over the life of the lights with no dulling. Once you experience TILT lights, you'll never want anything else.



BEFORE



AFTER

TABLE OF CONTENTS

INTRO-A NEW WAY OF LIGHT	1
WHAT YOU NEED TO KNOW	2
WE MAKE IT EASY FOR YOU	3
WHAT MAKES US DIFFERENT	4
SEEING IS BELIEVING	5
PANELS.....	9-10
DOWNLIGHTS ROUND	13-14
DOWNLIGHTS RECESSED.....	15-16
DOWNLIGHTS SQUARE.....	17-18
LINEAR SERIES.....	21-22
DRIVERS	25-26
ACCESSORIES	27-28
CONTROLS	31-32
DESIGN GUIDE.....	33-35
WARRANTY & CONTACT	36

BRING THE SUN INDOORS

This is the light you want to live and work under. Colors become truer, dark corners come into focus. We have optimized the CRI, lumens, color temperatures and beam angles to provide light that is pure and natural.



PANELS

MODELS

LGM11	LFM11
LGM12	LFM12
LGM14	LFM14
LGM22	LFM22
LGM24	



FEATURE OVERVIEW

TILT's popular, dimmable, light panels can be used to replace traditional fixtures in retrofit applications, be flush (flange) mounted into a hard ceiling, or placed into a grid in new construction.

The thin profile and IC Rating (insulation contact) make it possible to put lights into the smallest of spaces without intruding on the plenum. Drivers can be placed close to the fixture or located remotely. This allows for flexibility in design and for the ability to light hard-to-reach areas. Panels can also be mounted to a surface using our extruded aluminum surface mount kit or suspended using cables. Now available in new CQ (high color quality) and HE (high efficiency) models.

ORDERING INFORMATION

Style	Mounting Type	Panel Size	CCT Options	*Frame Color	Model	For Use With	DRIVERS
L - Light Panel	GM - Grid Mount FM - Flush Mount	11 - 1'x1'	30 - 3000K	W - White	CQ - Color Quality: CRI >90, R9 >50	(See Driver Product Data Sheet for Details)	LD16 LD25 LD40 LD60 LD90 LD100P
		12 - 1'x2'	35 - 3500K	B - Black*			
		14 - 1'x4'	40 - 4000K	S - Silver*			
		22 - 2'x2'	50 - 5000K				
		24 - 2'x4'					

*NOTE: Custom colors or custom sizes may result in additional cost and/or lead times.

FEATURE OVERVIEW

Details listed below represent an example of technical data available to assist specifiers. Please consult Product Data Sheets** for complete details including CQ and HE lumen output and efficacy.

	MODELS				
	1'x1'	1'x2'	1'x4'	2'x2'	2'x4'
Actual Size	11 3/4" x 11 3/4"	11 3/4" x 23 3/4"	11 3/4" x 47 3/4"	23 3/4" x 23 3/4"	23 3/4" x 47 3/4"
Typical Lumens @4000K	950	2150	3900	3900	6300
HE Watts DC	9	19	33	33	49
HE Watts AC	10	22	38	38	56
Standard Driver	LD16	LD25	LD40	LD40	LD60

**Ordering information is for reference only. Some product configurations are not shown. Please consult Product Data Sheets for specific product availability and for further details. Reference <http://www.laurenillumination.com/dev/Resources/ProductDataSheets.aspx>

PANELS - LUMEN CHARTS

Lumen Chart for 4000K

	CQ - CRI >90, R9>50			HE - CRI >80, R9>5		
	LUMENS @4000K	ENERGY USAGE		LUMENS @4000K	ENERGY USAGE	
		WDC	L/WAC		WDC	L/WAC
1x1	950	10.0	85	950	9.0	104
1x2	2050	21.0	85	2150	19.0	99
1x4	3900	40.0	85	3900	33.0	103
2x2	3900	40.0	85	3900	33.0	103
2x4	5300	49.0	95	6300	49.0	112

Lumen Chart for 3500K

	CQ - CRI >90, R9>50			HE - CRI >80, R9>5		
	LUMENS @3500K	ENERGY USAGE		LUMENS @3500K	ENERGY USAGE	
		WDC	L/WAC		WDC	L/WAC
1x1	900	10.0	80	900	9.0	85
1x2	1975	21.0	82	2150	19.0	99
1x4	3750	40.0	82	3750	33.0	99
2x2	3750	40.0	82	3750	33.0	99
2x4	5250	49.0	94	6250	49.0	110

Lumen Chart for 3000K

	CQ - CRI >90, R9>50			HE - CRI >80, R9>5		
	LUMENS @3000K	ENERGY USAGE		LUMENS @3000K	ENERGY USAGE	
		WDC	L/WAC		WDC	L/WAC
1x1	850	10.0	75	850	9.0	83
1x2	1775	21.0	75	2100	19.0	97
1x4	3400	40.0	75	3600	33.0	95
2x2	3400	40.0	75	3600	33.0	95
2x4	4800	49.0	86	6200	49.0	110

NOTE: If you do not see what you are looking for, please call us at: 855.440.8458 or visit our website for technical data at www.laurenillumination.com

TILT JUST CLICKS

Installation is literally a snap. These lightweight, thin fixtures easily install using 'quick connects', very few tools and no conduit.



DOWNLIGHTS ROUND

MODELS

LCLCV4 LCLCV12
 LCLCV6 LCLCV24
 LCLCV8



FEATURE OVERVIEW

TILT round downlights can be used to replace existing downlights or be installed in new construction. The thin profile, spring mounting system and the IC (insulation contact) rating mean that there is no trim ring or housing to mount, and insulation can be placed right over top of the light. The low energy consumption allows for multiple lights to be powered by a single driver. Available in high color quality (CQ) and high efficiency models (HE), these lights can be used in residential, commercial, or retail spaces. TILT Downlights are dimmable and have a wide beam angle which adapts to many applications.

ORDERING INFORMATION

LCLCV 6 30 W - HE

Style	Size	CCT Options	*Frame Color	Model
LCLCV - Round Downlight, Constant Voltage	4 - 4"	30 - 3000K	W - White	CQ - Color Quality: CRI >90, R9 >50
	6 - 6"	35 - 3500K	B - Black*	
	8 - 8"	40 - 4000K	S - Silver*	HE - High Efficiency: CRI >80, R9 >5
	24 - 24"	50 - 5000K		

For Use With
(See Driver Product Data Sheet for Details)

DRIVERS	
LD16	LD60
LD25	LD90
LD40	LD100P

*NOTE: Custom colors or custom sizes may result in additional cost and/or lead times.

FEATURE OVERVIEW

Details listed below represent an example of technical data available to assist specifiers. Please consult Product Data Sheets** for complete details including CQ and HE lumen output and efficacy.

	MODELS				
	4"	6"	8"	12"	24"
Actual Size OD	4 1/2"	7"	9 1/2"	11 3/4"	24"
Actual Size ID	2 5/8"	5 1/4"	7 1/2"	9 1/2"	23"
Lumens @4000K	225	625	850	1300	3100
HE Watts DC	4	7	10	13	33
HE Watts AC	5	8	12	14	38
Standard Driver	LD16	LD16	LD16	LD16	LD60

**Ordering information is for reference only. Some product configurations are not shown. Please consult Product Data Sheets for specific product availability and for further details. Reference <http://www.laurenillumination.com/dev/Resources/ProductDataSheets.aspx>

DOWNLIGHTS , ROUND - LUMEN CHARTS

Lumen Chart for 4000K

	CQ - CRI >90, R9>50			HE - CRI >80, R9>5		
	LUMENS @4000K	ENERGY USAGE		LUMENS @4000K	ENERGY USAGE	
		WDC	LWAC		WDC	LWAC
4"	225	4.0	49	250	4.0	55
6"	625	7.0	78	725	7.0	91
8"	850	10.0	74	975	10.0	85
12"	1100	12.5	77	1300	12.5	91
24"	3250	33.0	86	3650	33.0	97

Lumen Chart for 3500K

	CQ - CRI >90, R9>50			HE - CRI >80, R9>5		
	LUMENS @3500K	ENERGY USAGE		LUMENS @3500K	ENERGY USAGE	
		WDC	LWAC		WDC	LWAC
4"	225	4.0	49	250	4.5	49
6"	600	7.0	75	700	7.0	88
8"	850	10.0	74	950	10.0	83
12"	1000	12.5	70	1100	12.5	77
24"	3050	33.0	81	3650	33.0	97

Lumen Chart for 3000K

	CQ - CRI >90, R9>50			HE - CRI >80, R9>5		
	LUMENS @3000K	ENERGY USAGE		LUMENS @3000K	ENERGY USAGE	
		WDC	LWAC		WDC	LWAC
4"	200	4.0	44	250	4.0	55
6"	550	7.0	69	700	7.0	88
8"	775	10.0	68	950	10.0	83
12"	950	12.5	67	1100	12.5	77
24"	2728	33.0	72	3550	33.0	94

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DOWNLIGHTS RECESSED

MODELS

LRLCV8



FEATURE OVERVIEW

TILT recessed downlights can be used to replace existing downlights or be installed in new construction. The thin profile, spring mounting system, and the IC (insulation contact) rating mean that there is no trim ring or housing to mount, and insulation can be placed right over top of the light. The low energy consumption allows for multiple lights to be powered by a single driver. Available in high color quality (CQ) and high efficiency models (HE), CE and cULus Rated and RoHS compliant these lights can be used in residential, commercial, or retail spaces. TILT recessed downlights are dimmable and have a wide beam angle which adapts to many applications.

ORDERING INFORMATION

LRLCV 8 30 W - CQ

Style	Size	CCT Options	*Frame Color	Model	
LRLCV - Round Recessed Downlight Constant Voltage	8 - 8"	30 - 3000K	W - White	CQ - Color Quality: CRI >90, R9 >50	Use With
		35 - 3500K	B - Black ⁽³⁾		
		40 - 4000K	S - Silver ⁽³⁾	HE - High Efficiency: CRI >80, R9 >5	
		50 - 5000K			

DRIVERS	
LD16	LD60
LD25	LD90
LD40	LD100P

*NOTE: Custom colors or custom sizes may result in additional cost and/or lead times.

FEATURE OVERVIEW

Details listed below represent an example of technical data available to assist specifiers. Please consult Product Data Sheets** for complete details including CQ and HE lumen output and efficacy.

MODELS	
8"	
Actual Size W	8"
Actual Size L	8"
Lumens @4000K	900
HE Watts DC	9
HE Watts AC	9
Standard Driver	LD16

CQ LUMEN CHART

HE LUMEN CHART

CQ - COLOR QUALITY MODEL				HE - HIGH EFFICIENCY MODEL			
CRI >90, R9 >50				CRI >80, R9 >5			
CCT	8"			CCT	8"		
	5000K	Lumens	1050			5000K	Lumens
	L/W	90			L/W	90	
4000K	Lumens	1000		4000K	Lumens	1200	
	L/W	88			L/W	90	
3500K	Lumens	975		3500K	Lumens	1100	
	L/W	85			L/W	91	
3000K	Lumens	900		3000K	Lumens	1000	
	L/W	80			L/W	91	

**Ordering information is for reference only. Some product configurations are not shown. Please consult Product Data Sheets for specific product availability and for further details. Reference <http://www.laurenillumination.com/dev/Resources/ProductDataSheets.aspx>

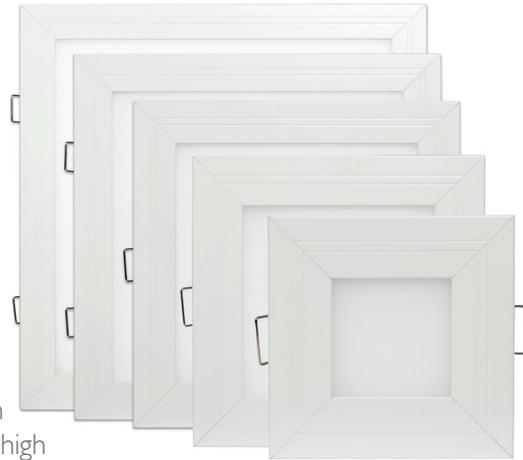


DOWNLIGHTS RECESSED

DOWNLIGHTS SQUARE

MODELS

LFMSS0404 LFMSS1010
 LFMSS0606 LFMSS1212
 LFMSS0808



FEATURE OVERVIEW

TILT square downlights can be used to replace existing downlights or be installed in new construction. The thin profile, spring mounting system, and the IC (insulation contact) rating mean that there is no trim ring or housing to mount, and insulation can be placed right over top of the light. The low energy consumption allows for multiple lights to be powered by a single driver. Available in high color quality (CQ) and high efficiency models (HE), these lights can be used in residential, commercial, or retail spaces. TILT Downlights are dimmable and have a wide beam angle which adapts to many applications.

ORDERING INFORMATION

L FM SS 30 W - 0606 - HE

Type	Mounting	Style	CCT Options	*Frame Color	W X L	Model
L - Light Panel	FM - Flush Mount (Standard) GM - Grid Mount (Optional)	SS - Linear	30 - 3000K	W - White	0404 - 4"x4"	CQ - Color Quality: CRI >90, R9 >50 HE - High Efficiency: CRI >80, R9 >5
			35 - 3500K	B - Black*	0606 - 6"x6"	
			40 - 4000K	S - Silver*	0808 - 8"x8"	
			50 - 5000K		1010 - 10"x10"	
					1212 - 12"x12"	

DRIVERS

LD16	LD60
LD25	LD90
LD40	LD100P

For Use With
(See Driver Product Data Sheet for Details)

*NOTE: Custom colors may result in additional cost and/or lead times.

FEATURE OVERVIEW

Details listed below represent an example of technical data available to assist specifiers. Please consult Product Data Sheets** for complete details including CQ and HE lumen output and efficacy.

	MODELS				
	4"	6"	8"	10"	12"
Actual Size W	4"	6"	8"	10"	12"
Actual Size L	4"	6"	8"	10"	12"
Lumens @4000K	200	550	900	1200	1750
HE Watts DC	4	7	9	12	16
HE Watts AC	4	8	9	13	19
Standard Driver	LD16	LD16	LD16	LD16	LD16

**Ordering information is for reference only. Some product configurations are not shown. Please consult Product Data Sheets for specific product availability and for further details. Reference <http://www.laurenillumination.com/dev/Resources/ProductDataSheets.aspx>

DOWNLIGHTS, SQUARE - LUMEN CHARTS

Lumen Chart for 4000K

	CQ - CRI >90, R9>50			HE - CRI >80, R9>5		
	LUMENS @4000K	ENERGY USAGE		LUMENS @4000K	ENERGY USAGE	
		WDC	L/WAC		WDC	L/WAC
4"x4"	160	3.5	40	200	3.5	50
6"x6"	500	7.0	63	550	7.0	69
8"x8"	775	9.0	75	900	9.0	88
10"x10"	1050	11.5	80	1200	11.5	91
12"x12"	1500	16.0	82	1750	16.0	96

Lumen Chart for 3500K

	CQ - CRI >90, R9>50			HE - CRI >80, R9>5		
	LUMENS @3500K	ENERGY USAGE		LUMENS @3500K	ENERGY USAGE	
		WDC	L/WAC		WDC	L/WAC
4"x4"	160	3.5	40	200	3.5	50
6"x6"	500	7.0	63	550	7.0	69
8"x8"	750	9.0	73	875	9.0	85
10"x10"	1050	11.5	80	1200	11.5	92
12"x12"	1500	16.0	82	1750	16.0	96

Lumen Chart for 3000K

	CQ - CRI >90, R9>50			HE - CRI >80, R9>5		
	LUMENS @3000K	ENERGY USAGE		LUMENS @3000K	ENERGY USAGE	
		WDC	L/WAC		WDC	L/WAC
4"x4"	150	3.5	38	175	3.5	44
6"x6"	450	7.0	56	525	7.0	66
8"x8"	675	9.0	66	850	9.0	83
10"x10"	950	11.5	72	1150	11.5	88
12"x12"	1350	16.0	74	1675	16.0	92

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FORM & FUNCTION

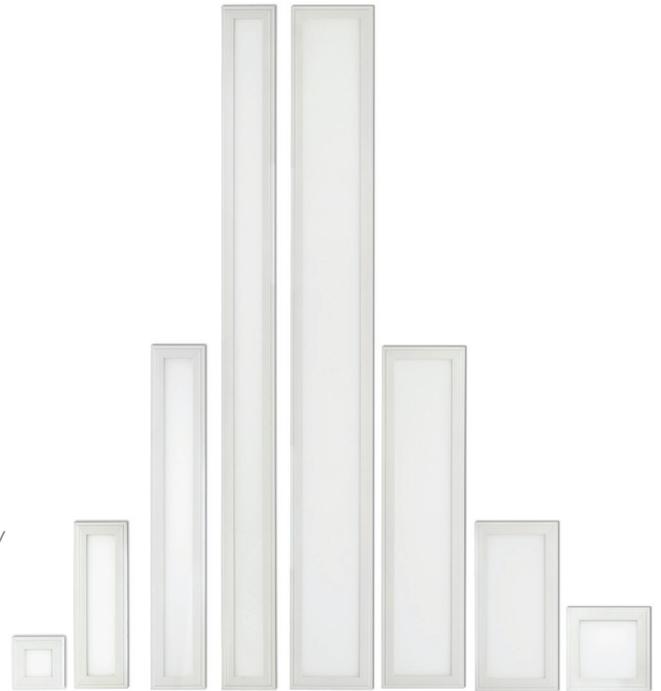
Building something great is our goal — Design freedom without sacrificing quality or efficiency is the result for every customer.



LINEAR SERIES

MODELS

LGMSS-0404 LGMSS-0606 LGMSS-0808 LGMSS-1010
 LGMSS-0412 LGMSS-0612 LGMSS-0812 LGMSS-1012
 LGMSS-0424 LGMSS-0624 LGMSS-0824 LGMSS-1024
 LGMSS-0448 LGMSS-0648 LGMSS-0848 LGMSS-1048



FEATURE OVERVIEW

The slim profile of these panels (1/2" or less) allow for flexibility of placement, ease of installation, combination options, and more room available above the grid. Note: All panels need power from an appropriate TILT driver (see page 23). Go to www.laurenillumination.com for help specifying drivers and accessories.

ORDERING INFORMATION

L GM SS 40 W - 04 12 - HE

Type	Mounting	Style	CCT Options	*Frame Color	Width	Length	Model	For Use With (See Driver Product Data Sheet for Details)	DRIVERS	
L - Light Panel	GM - Grid Mount FM - Flush Mount	SS - Linear	30 - 3000K 35 - 3500K 40 - 4000K 50 - 5000K	W - White B - Black* S - Silver*	04 - 4" 06 - 6" 08 - 8" 10 - 10" 12 - 12" 14 - 14" 16 - 16" 18 - 18" 20 - 20" 24 - 24" 28 - 28" 32 - 32" 36 - 36" 40 - 40" 48 - 48"	04 - 4" 06 - 6" 08 - 8" 10 - 10" 12 - 12" 14 - 14" 16 - 16" 18 - 18" 20 - 20" 24 - 24" 28 - 28" 32 - 32" 36 - 36" 40 - 40" 48 - 48"	CQ - Color Quality: CRI>90, R9>50 HE - High Efficiency: CRI>80, R9>5		LD16 LD25 LD40	LD60 LD90 LD100P

*NOTE: Custom colors or custom sizes may result in additional cost and/or lead times.

FEATURE OVERVIEW

Details listed below represent an example of a part number using 48" as the length for each linear width. Please consult Product Data Sheets** for complete details including CQ and HE lumen output and efficacy. See Design Guide for layout configurations including driver, accessory and control needs.

	MODELS			
	4"	6"	8"	10"
Actual Size W	3 3/4"	5 3/4"	7 3/4"	9 3/4"
Actual Size L	47 3/4"	47 3/4"	47 3/4"	47 3/4"
Lumens @4000K	1800	2925	4100	4000
HE Watts DC	24.0	30.0	39.0	37.0
HE Watts AC	28.0	34.6	40.5	42.8
Typical Lumens/Ft	400-500	650-750	800-900	850-950

**Ordering information is for reference only. Some product configurations are not shown. Please consult Product Data Sheets for specific product availability and for further details. Reference <http://www.laurenillumination.com/dev/Resources/ProductDataSheets.aspx>

LINEAR SERIES - LUMEN CHARTS

CQ Lumen Chart for 4000K, 3500K, 3000K

Model	WIDTH in inches	LENGTH in inches	Lumens/Ft	CQ - CRI >90, R9>50				
				LUMENS @4000K	LUMENS @3500K	LUMENS @3000K	ENERGY USAGE	
							WDC	LWAC
4"	4	4	400 - 500	80	75	75	2.0	35
	4	12		385	380	350	5.2	65
	4	24		900	870	800	12.0	66
	4	48		1800	1750	1650	24.0	66
6"	6	6	650-750	270	265	250	4.0	59
	6	12		675	650	575	8.0	74
	6	24		1375	1350	1225	15.0	80
	6	48		2425	2400	2100	30.0	71
8"	8	8	800-900	525	525	475	6.5	71
	8	12		800	750	700	9.0	78
	8	24		1750	1725	1500	19.0	81
	8	48		3650	3625	3325	39.0	82
10"	10	10	850-950	650	625	575	7.5	76
	10	12		825	800	725	9.0	80
	10	24		1775	1675	1550	18.0	86
	10	48		3600	3500	3150	37.0	85

HE Lumen Chart for 4000K, 3500K, 3000K

Model	WIDTH in inches	LENGTH in inches	Lumens/Ft	HE - CRI >80, R9>5				
				LUMENS @4000K	LUMENS @3500K	LUMENS @3000K	ENERGY USAGE	
							WDC	LWAC
4"	4	4	400 - 500	90	90	90	2.0	39
	4	12		425	425	425	5.2	72
	4	24		1050	1025	1025	12.0	77
	4	48		2050	2050	2000	24.0	75
6"	6	6	650-750	300	300	300	4.0	66
	6	12		750	750	725	8.0	82
	6	24		1575	1575	1500	15.0	92
	6	48		2925	2925	2825	30.0	85
8"	8	8	800-900	600	600	600	6.5	81
	8	12		900	900	900	9.0	88
	8	24		1975	1975	1975	19.0	91
	8	48		4100	4000	3800	39.0	92
10"	10	10	850-950	750	750	725	7.5	88
	10	12		950	950	925	9.0	92
	10	24		1950	1950	1950	18.0	95
	10	48		4000	4000	3850	37.0	95

AMAZING ENERGY EFFICIENCY

Brilliantly simple—TILT light design provides maximum light using minimal energy. TILT lights produce virtually no heat and pay for themselves again and again.



DRIVERS

MODELS

Standard Plenum Rated
Emergency



FEATURE OVERVIEW

All TILT Drivers are Constant Voltage, Class 2, SELV, Power Units for use in dry and damp locations, and are **plenum rated**. Dimming control circuit (purple/grey) is standard. Universal AC input (90~305 VAC) with built-in PFC. Protection against: short circuit, over current, over voltage and over temp. Emergency Driver has a self-test, self-diagnostic mode.

HOW TO READ MODEL NUMBERS

LD	60	
Name	Wattage	Description
LD - Lauren Driver	16 - 16 Watt 25 - 25 Watt 40 - 40 Watt 60 - 60 Watt 90 - 90 Watt 100 - 100 Watt	PE7 - Emergency Battery Backup 7W, 90 min

DIMMING

TYPE	USING
PWM	TILT WLVD
0-10V ⁺	TILT 0-10V or Other System
Resistance	TILT Dim Chip

⁺ TILT Driver use 1-10V control but are compatible with most 0-10V Systems

STANDARD DRIVER, PLENUM RATED



3"W x 12"L x 1.5"D

Model	Output	Use
LD16	16W	TILT Drivers are plenum rated, can be remote mounted, and supply power to TILT Luminaires up to the rated wattage. Enclosure has three knock-outs for supply. Suitable for use in air handling spaces.
LD25	25W	
LD40	40W	
LD60	60W	
LD90	90W	
LD100	100W	

EMERGENCY DRIVER (90 MINUTE BATTERY BACK-UP)



5"W x 13"L x 1.75" D

Model	OUTPUT		Use
	Normal	Emergency	
LD16PE7	16W	7W	Use to provide emergency light during a power loss. Replaces the standard driver model and can use dimming controls during normal operation. Emergency output of 7W across single or multiple lights. Extended installation temperature (0-50° C)
LD25PE7	25W	7W	
LD40PE7	40W	7W	
LD60PE7	60W	7W	
LD90PE7	90W	7W	
LD100PE7	100W	7W	



ACCESSORIES

MODELS

Extensions	Splitter
Drive Lines	Surface Mount
Speed Whips	Hanging Kit



FEATURE OVERVIEW

A full range of accessories including extensions, speed whips, drive lines and surface mount kits are all available for use with TILT products.

HOW TO READ MODEL NUMBERS

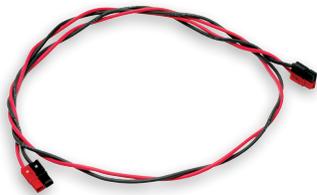
EXT	01	
Name	Size	Description
EXT - Extension	01 - 1'	1ft. length
DL - Drive Line	02 - 2'	2 ft. length
SW - Speed Whip	12 - 12"	12 in. length
SPL - Splitter	48 - 48"	48 in. length

DRIVE LINES



DL30

Models	Description	Use
DL10, DL15, DL20, DL25, DL30, DL35, DL40, DL45, DL50	Accessories, 10' 15', 20', 25', 30', 35', 40', 45' and 50' Drive Line	Use to extend the supply line from a driver to multiple luminaires. Quick connects at all ends.



EXT02

EXTENSIONS

Models	Description	Use
EXT01, EXT02, EXT04, EXT06, EXT08, EXT10	Accessories, 1' 2', 4', 6', 8', and 10' Extension	Use to extend lead from a luminaire to a remotely located driver. Quick connects at all ends.



SW18

SPEED WHIPS

Models	Description	Use
SW12, SW18, SW24, SW48, SW60, SW72, SW96	Accessories, 12", 18", 24", 48", 60", 72", and 96" Speed Whip	Use to attach a light to a drive line. Quick connect to one end, insulation displacement (splice) connector on the other.



SPL01

SPLITTER

Model	Description	Use
SPL01	Accessories, Splitter	Use to split a supply line into two directions.

SURFACE MOUNT KITS

The TILT surface mount kit is an easy to assemble, durable extruded aluminum frame that is used to mount light panels to a surface. The three versions can adapt to just about any application. Each kit comes with required hardware and can be adapted for suspension mounting using the hanging kit (HK02).



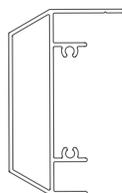
HOW TO READ MODEL NUMBERS

SM	2	2	250	W	CI* (Optional)
Name	Width/ft.	Length/ft.	Profile	Color	Conduit
Surface Mount Kit	1 - 1'	1 - 1'	250 - 2.5"	W - White	C1 - 1 Conduit Opening
	2 - 2'	2 - 2'	175 - 1.75"	B - Black	C2 - 2 Conduit Openings, Straight
		4 - 4'	075 - 0.75"	O - Other ⁺	C3 - 2 Conduit Openings, Turn
		8 - 8'			* See Product Data Sheet for Specifics.
		12 - 12'			

APPLICATION

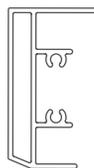
Model	Enclosed Driver	Conduit Feed	Stubbed Power
250	Y	Y	Y
175	N	Y	Y
075	N	N	Y

⁺ Contact us for additional color options if you have a particular need when mounting on ceilings.
NOTE: Use LGM only with surface mount kit. Flush mount is installed directly into cutout of hard surfaces using spring load clips.



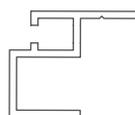
MODEL 250 (2.50")

The 250 (2.50") surface mount frame features a stylish top and bottom frame bevel and track for easy installation of the light panel. It is deep enough to allow the driver to be mounted behind the light panel, or can be predrilled to accept 1/2" conduit feed in the side for remote driver applications. Comes with decorative cap plugs and screws.



MODEL 175 (1.75")

The 175 (1.75") surface mount frame features a stylish lower beveled surface and a straight flange at the mounting surface as well as a track for easy installation for the light panel. This profile is for use with remote driver applications. Suitable for use with stubbed 24V supply or can be predrilled to accept a 1/2" conduit feed in the side. Comes with decorative cap plugs and screws.



MODEL 075 (0.75")

The 075 (0.75") surface mount frame is for surface mount applications that require an ultra thin profile. This frame features a squared bottom edge, an external corner key and track for easy installation of the light panel. This frame suitable for use with stubbed 24V power.

SM 075
Corner Key Detail



HANGING KIT

Model	Description	Use
HK02	Accessories, 2 pcs Hanging Mount Kit (10-ft in Length)	Use to hang surface mount kit from ceiling or substrate.







CONTROLS

MODELS

- Sensor Dim Chip
- Remote
- Switches



WIRELESS CONTROL FEATURES

TILT dimmers, controllers, switches and sensors provide you with the ability to control multiple lights all at once or using multiple controls for multiple lights. TILT controls provide the flexibility you need for virtually any look or need. Visit www.laurenillumination.com/products for complete details.

HOW TO READ MODEL NUMBERS

WS	S	W
Name	Type	Color Options
WS - Wireless Switch	S - Single	W - White
WLVD - Wireless Low Voltage Dimmer	D - Double	B - Black
WOS - Wireless Occupancy Sensor		I - Ivory
WSRC - Wireless Remote Control		A - Almond
DC - Dim Chip		

DIMMER



WLVD



W010



WSDA

Model	Description	Use
WLVD	Wireless Low Voltage Dimmer	Connects between luminaire and driver to receive dimming information from wireless control device.
W010-500 W010-2000	Wireless Controller, 500DC WATTS and 2000DC WATTS	The W010 is a wireless controller that is capable of switching and dimming multiple drivers

SWITCHES

Model	Description*	Use
WSSW	Wireless Switch, Single, White	User input for ON/OFF and dimming. Sends control information to WLVD and W010.
WSSA	Wireless Switch, Single, Almond	
WSSB	Wireless Switch, Single, Black	
WSSI	Wireless Switch, Single, Ivory	
WSDW	Wireless Switch, Double, White	
WSDA	Wireless Switch, Double, Almond	

* Contact us for different color options.



WOSC

SENSOR

Model	Description	Use
WOSC	Wireless Occupancy Sensor Ceiling	Detects occupancy in room. Sends control information to the WLVD and W010.
WOSW	Wireless Occupancy Sensor Wall	



DC01

DIM CHIP

Model	Description	Use
DC01	Dim Chip	Connects to the driver to establish a static dim level. Four level options available per chip.
DC02	Dim Chip	
DC03	Dim Chip	
DC05	Dim Chip Factory Setting Request	



WSRCW

REMOTE

Model	Description	Use
WSRCW	Wireless Remote Control, White	Portable user input for ON/OFF and dimming. Sends control information to WLVD and W010.
WSRCB	Wireless Remote Control, Black	

RESISTANCE FEATURE OVERVIEW

All TILT drivers can use resistance to control the maximum wattage of the driver.

DC01		DC02		DC03	
Setting	% of Driver Wattage	Setting	% of Driver Wattage	Setting	% of Driver Wattage
0	100	0	100	0	100
1	85	1	75	1	50
2	75	2	50	2	30
3	50	3	25	3	10



1-10 Volt feature Overview

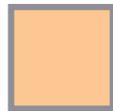
All TILT drivers can use a 1-10 volt signal for control. This can be used with any system/switch that provides a 1-10v control signal. Always check with your distributor to make sure that a 1-10v controllable switch is compatible with the TILT system. An 18" dimming harness (DHAR18) is available to assist the electrician when wiring 1-10v dimming.

DESIGN GUIDE

Sometimes you simply need to visualize something to create a better action plan. We've tried to help make that visualization easier for you by providing these Design Guide pages. The following pages contain typical layouts for medium light requirements for small, medium and large space scenarios. In addition—we've provided blank grid pages for you to layout your own configuration or work with your sales professional in determining the best scenario for your needs. To get a complete copy of our Design Guide with additional pre-designed layouts, visit: www.laurenillumination.com or ask your distributor for more information.

KEY

Use this key when sketching out your unique layout for installation.



LGM22



Junction Box



T - Grid



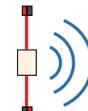
SM22250W



LGM24



LD40, LD60, LD90



WLVD



LGM14



LD100P



WSS



LCLCV8



EXT



DC01



LCLCV6



SW



W010

SMALL SPACE - MEDIUM LIGHT

Less than 150 sq ft. 4 source lighting and remote drivers.

Foot Candles

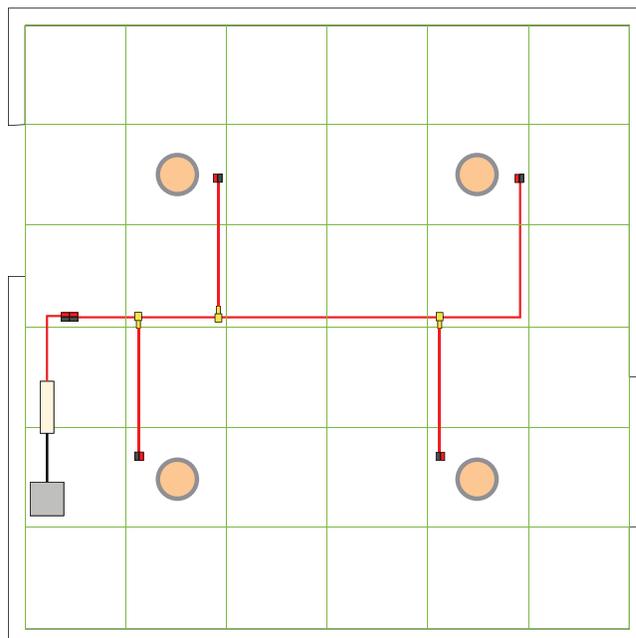
20 (6" cans - total)

Wattage

28 (6" cans - total)

Parts List

- 4 PCS - LCLCV6
- 1 PCS - LD40
- 1 PCS - DL15
- 3 PCS - SW24



LINEAR SERIES SMALL SPACE - MEDIUM LIGHT

Over 144 sq ft. 4 point lighting source, remote driver and WLVD.

Foot Candles

40 (Four 4"x48" panels - total)

Wattage

96 (Four 4"x48" panels)

Parts List

4 PCS - LGMSS40W-0448-HE

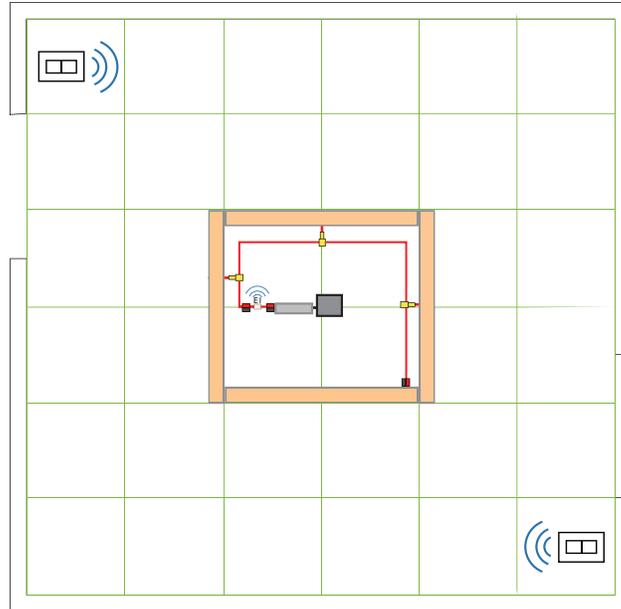
1 PCS - LD100P

1 PCS - DL10

3PCS - SW24

1 PCS - WLVD

2PCS - WSSW



LINEAR SERIES HALLWAY SPACE - MEDIUM LIGHT

Over 300 sq ft. 4 point lighting source, remote drivers and W010-500.

Foot Candles

50 (Four 8"x24" Linear - total)

Wattage

76 (Four 8"x24" Linear)

Parts List

4 PCS - LGMSS40W-0824-HE

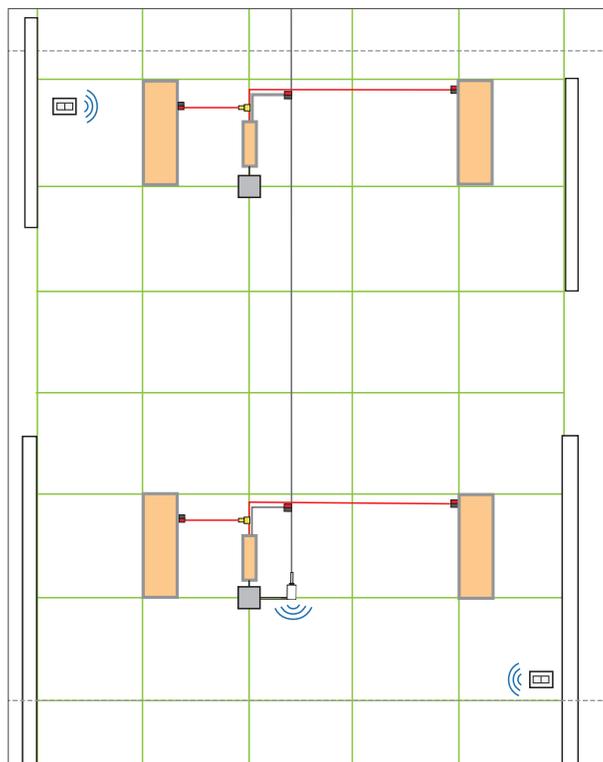
2 PCS - LD40

2 PCS - EXT08

2 PCS - SW24

1 PCS - W010-500

2 PCS - WSSW



MEDIUM SPACE - HIGH TO MEDIUM LIGHT

Between 150 sq ft and 300 sq ft. centralized drivers (2'x4' panel) and multi-drive branch circuit (6" can).

Foot Candles

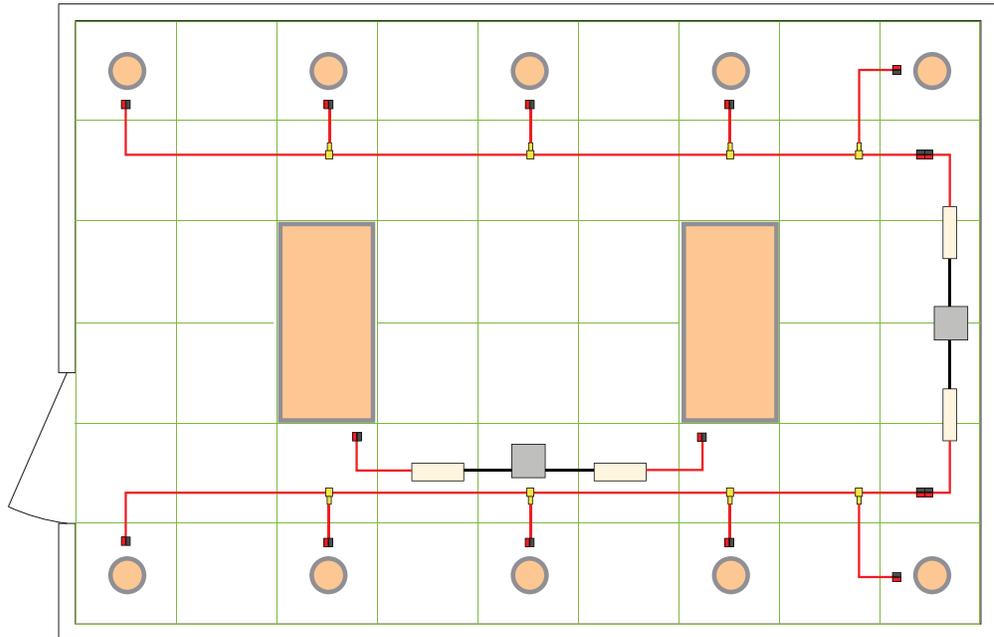
20 (6" cans)
40 (2'x4' panels)
60 (total)

Wattage

70 (6" cans)
98 (2'x4' panels)
168 (total)

Parts List

2 PCS - LGM24
2 PCS - LD60
10 PCS - LCLCV6
2 PCS - LD40
2 PCS - DL20
8 PCS - SW24



LARGE SPACE - MEDIUM LIGHT

Over 300 sq ft. 6 point lighting source, remote drivers and resistive dimming Dim Chip (pos. 2). Limits fixture wattage and light output to 50%.

Foot Candles

40 (2'x2', 1'x4')
panels - total

Wattage

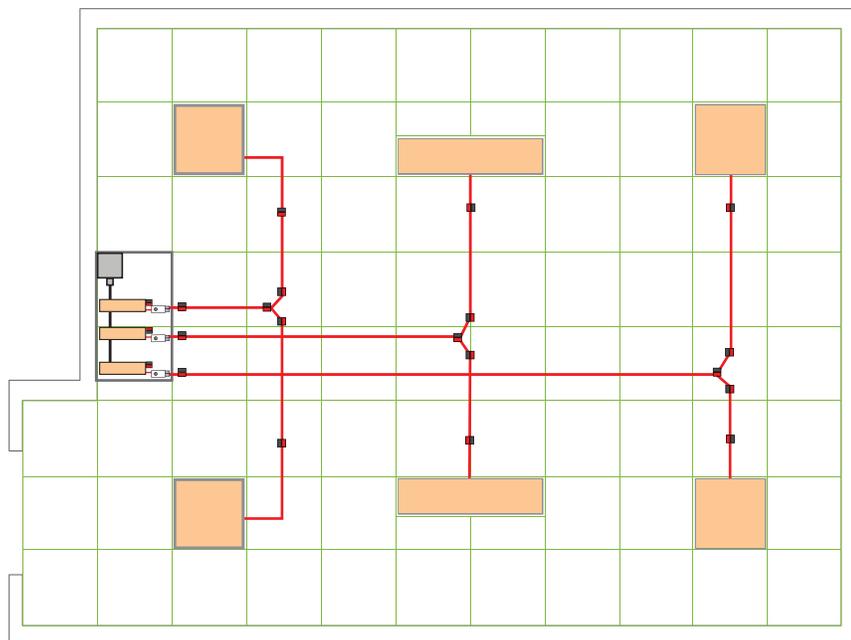
80 (2'x2' panels)
40 (1'x4' panels)
120 (total with Dim
Chip at 50%)

Parts List

4 PCS - LGM22
2 PCS - LGM14
3 PCS - SP01 (Splitter)
7 PCS - EX04
1 PCS - DL08
1 PCS - DL14

Driver Board

3 PCS - LD90
3 PCS - DC02



CONTACT US



www.laurenillumination.com
 support@laurenillumination.com
 T 855 440 8458



LIMITED WARRANTY

Lauren Illumination, LLC (“Lauren”) warrants this LED luminaire and driver (“product”) to be free from defects in material and workmanship for a period of 5 years from the date the product leaves the factory where it was manufactured. This warranty does not cover defects or failures due to fire, power surges, abuse, vandalism, accident, or acts of God. This warranty only applies when product is properly installed according to the included directions and is installed in compliance with all local NEC and UL codes (ANSI and CSA in Canada). This warranty is voided if the product is not used for the purpose for which it was manufactured. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, WHETHER EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. Products that fail to meet this warranty shall be reported to Lauren within 60 days of the defect’s discovery, and sent to Lauren, freight prepaid, with receipt of purchase. Product defects not reported within 60 days of the initial discovery are not covered under this warranty. Upon receipt of product, if the product is found to be defective, the product, at Lauren’s option, will be repaired or replaced with a similar or new product. Lauren reserves the right to inspect all products and to be the sole judge as to whether the product is defective and covered under the warranty. THE FOREGOING STATES BUYER’S EXCLUSIVE REMEDY FOR ANY BREACH OF THIS WARRANTY AND FOR ANY CLAIM, WHETHER SOUNDING IN CONTRACT, TORT OR NEGLIGENCE, FOR LOSS OR INJURY CAUSED BY THE SALE OR USE OF ANY PRODUCT AND, WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, LAUREN SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSS OF BUSINESS OR PROFITS, DOWNTIME OR DELAY, LABOR, REPAIR OR MATERIAL COSTS OR ANY INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES INCURRED BY THE BUYER.



A NEW WAY OF LIGHT



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