



Columbia University
TILT® LED Panels



TILT / LIGHTING TECHNOLOGY

2019-2020
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 installation 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

We specialize in the manufacture, assembly, distribution and development of high quality, innovative LED lighting products. We are an engineering-driven company founded in 2012 as one of the Lauren International family of companies. In 2017, we were acquired by Durrel Partners, an operationally focused private investment firm.

We are passionate about TILT®, our plug and play low voltage commercial lighting system, because it delivers enormous advantages over conventional lighting. We are on a daily mission to communicate these advantages to forward-thinking architects, engineers, contractors and developers. We believe TILT® is revolutionizing the industry and represents the future of commercial lighting!



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WHY TILT®?

Saves Time & Money

The TILT® low voltage Plug & Play commercial lighting system is designed to save time and money. Our system installs **more than 10X faster** than conventional lighting systems, saving 80% on installation costs. This helps keep your project on-time and ahead of budget.

Safe & Easy Installation

Installation of the TILT® low voltage LED lighting system is not only much faster than conventional lighting, it is also far simpler, easier and safer to install. Once a licensed electrician connects the TILT® Drivers to the AC supply junction box, all of the Plug & Play low voltage connections after that can be quickly and safely made with no risk of shock or fire. In addition, the ultra-thin (less than ½") profile of TILT® lights, coupled with its' thin and flexible, plenum rated low voltage wiring, make installations in tight, heavy traffic plenum spaces far easier and more efficient than conventional wiring.

Tough & Durable = 7 Year Warranty

The TILT® LED lighting system carries an industry-leading **7 Year Warranty** and uses only the highest quality materials and components available. All of our light guide panels and diffusers are made from the highest quality acrylic and polycarbonate (never polystyrene!) and will not shatter, sag, yellow or color-shift.

TILT® drivers and wired components are the most reliable in the business, with components and materials supplied by undisputed leaders in the industry. TILT®'s unique design separates the driver from the light. By separating these two components, TILT® lengthens the life of both, as the heat generated from one does not adversely impact the other.

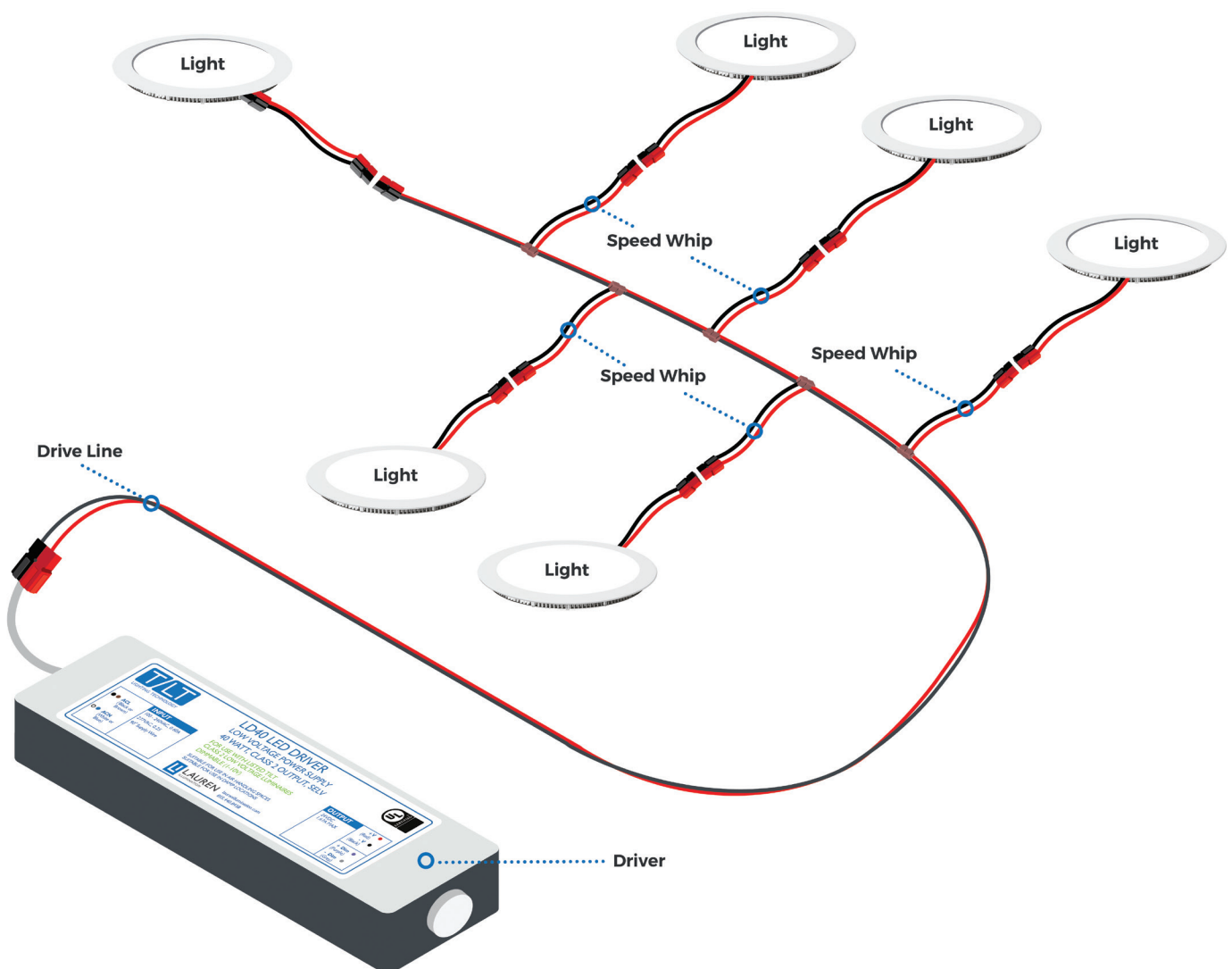
Beautiful Lighting

TILT® is the most natural-looking interior light available. The edge-lit design and wide beam angle of TILT® LED lights provide beautiful, evenly diffused light and eliminate glare and "hot spots." Our CQ model is designed to provide the highest quality color rendering (CRI) available, while the HE model balances light quality with energy efficiency. In addition, we provide a multitude of attractive mounting options for all of our lights, including grid mount, flush mount, surface mount and hanging kits.

Design Flexibility

The TILT® Plug & Play system allows lighting to be relocated in a matter of minutes, without the costly and time consuming re-wiring required by conventional systems.

- DRIVER
- DRIVE LINE
- SPEED WHIPS
- LED LIGHTS





INDUSTRY-LEADING
7 YEAR
WARRANTY

LED PANELS

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 or surface mounted (exception: 2'x4' may be grid or surface mounted only)
- Install with TILT® Drivers and Wired Components



PART NUMBER & PRODUCT GUIDE

Grid Mount Part#	Flush Mount Part#	Description	Color Temp	CRI	R9	Lumens	AC Watts	DC Watts	L/W-DC
LGM1130W-HE	LFM1130W-HE	1'X1' LED Panel	3000K	>80	>5	925	8	7	132
LGM1135W-HE	LFM1135W-HE	1'X1' LED Panel	3500K	>80	>5	975	8	7	139
LGM1140W-HE	LFM1140W-HE	1'X1' LED Panel	4000K	>80	>5	1000	8	7	142
LGM1150W-HE	LFM1150W-HE	1'X1' LED Panel	5000K	>80	>5	1050	8	7	150
LGM1130W-CQ*	LFM1130W-CQ*	1'X1' LED Panel	3000K	>90	>50	850	12	10	85
LGM1135W-CQ*	LFM1135W-CQ*	1'X1' LED Panel	3500K	>90	>50	900	12	10	90
LGM1140W-CQ*	LFM1140W-CQ*	1'X1' LED Panel	4000K	>90	>50	950	12	10	95
LGM1150W-CQ*	LFM1150W-CQ*	1'X1' LED Panel	5000K	>90	>50	1000	12	10	100
LGM1230W-HE	LFM1230W-HE	1'X2' LED Panel	3000K	>80	>5	2030	22	18	113
LGM1235W-HE	LFM1235W-HE	1'X2' LED Panel	3500K	>80	>5	2080	22	18	116
LGM1240W-HE	LFM1240W-HE	1'X2' LED Panel	4000K	>80	>5	2120	22	18	118
LGM1250W-HE	LFM1250W-HE	1'X2' LED Panel	5000K	>80	>5	2170	22	18	120
LGM1230W-CQ*	LFM1230W-CQ*	1'X2' LED Panel	3000K	>90	>50	1850	23	19	97
LGM1235W-CQ*	LFM1235W-CQ*	1'X2' LED Panel	3500K	>90	>50	1900	23	19	100
LGM1240W-CQ*	LFM1240W-CQ*	1'X2' LED Panel	4000K	>90	>50	1950	23	19	102
LGM1250W-CQ*	LFM1250W-CQ*	1'X2' LED Panel	5000K	>90	>50	2000	23	19	105

PART NUMBER & PRODUCT GUIDE (CONTINUED)

Grid Mount Part#	Flush Mount Part#	Description	Color Temp	CRI	R9	Lumens	AC Watts	DC Watts	L/W-DC
LGM1430W-HE	LFM1430W-HE	1'X4' LED Panel	3000K	>80	>5	3700	37	32	115
LGM1435W-HE	LFM1435W-HE	1'X4' LED Panel	3500K	>80	>5	3750	37	32	117
LGM1440W-HE	LFM1440W-HE	1'X4' LED Panel	4000K	>80	>5	3800	37	32	118
LGM1450W-HE	LFM1450W-HE	1'X4' LED Panel	5000K	>80	>5	3850	37	32	120
LGM1430W-CQ*	LFM1430W-CQ*	1'X4' LED Panel	3000K	>90	>50	3500	44	38	92
LGM1435W-CQ*	LFM1435W-CQ*	1'X4' LED Panel	3500K	>90	>50	3550	44	38	93
LGM1440W-CQ*	LFM1440W-CQ*	1'X4' LED Panel	4000K	>90	>50	3600	44	38	94
LGM1450W-CQ*	LFM1450W-CQ*	1'X4' LED Panel	5000K	>90	>50	3650	44	38	95
LGM2230W-HE	LFM2230W-HE	2'X2' LED Panel	3000K	>80	>5	3650	35	30	121
LGM2235W-HE	LFM2235W-HE	2'X2' LED Panel	3500K	>80	>5	3750	35	30	125
LGM2240W-HE	LFM2240W-HE	2'X2' LED Panel	4000K	>80	>5	3800	35	30	124
LGM2250W-HE	LFM2250W-HE	2'X2' LED Panel	5000K	>80	>5	3850	35	30	126
LGM2230W-CQ*	LFM2230W-CQ*	2'X2' LED Panel	3000K	>90	>50	3650	44	38	96
LGM2235W-CQ*	LFM2235W-CQ*	2'X2' LED Panel	3500K	>90	>50	3750	44	38	98
LGM2240W-CQ*	LFM2240W-CQ*	2'X2' LED Panel	4000K	>90	>50	3800	44	38	100
LGM2250W-CQ*	LFM2250W-CQ*	2'X2' LED Panel	5000K	>90	>50	3850	44	38	101
LGM2430W-HE	NA	2'X4' LED Panel	3000K	>80	>5	6000	52	45	133
LGM2435W-HE	NA	2'X4' LED Panel	3500K	>80	>5	6056	52	45	135
LGM2440W-HE	NA	2'X4' LED Panel	4000K	>80	>5	6100	52	45	136
LGM2450W-HE	NA	2'X4' LED Panel	5000K	>80	>5	6150	52	45	137
LGM2430W-CQ*	NA	2'X4' LED Panel	3000K	>90	>50	5200	55	48	108
LGM2435W-CQ*	NA	2'X4' LED Panel	3500K	>90	>50	5250	55	48	109
LGM2440W-CQ*	NA	2'X4' LED Panel	4000K	>90	>50	5300	55	48	110
LGM2450W-CQ*	NA	2'X4' LED Panel	5000K	>90	>50	5400	55	48	113

· 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.

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

* CQ Model orders may have minimum order required and additional lead time. Contact Lauren Illumination for details.





INDUSTRY-LEADING
7 YEAR
WARRANTY

LED DOWNLIGHTS - ROUND

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 (1/2")
- 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
- May be flush or surface mounted
- Install with TILT® Drivers and Wired Components



PART NUMBER & PRODUCT GUIDE

Flush Mount Part#	Description	Color Temp	CRI	R9	Lumens	AC Watts	DC Watts	L/W-DC
LCLCV430W-HE	4"LED Round Downlight	3000K	>80	>5	250	4	3	84
LCLCV435W-HE	4"LED Round Downlight	3500K	>80	>5	280	4	3	93
LCLCV440W-HE	4"LED Round Downlight	4000K	>80	>5	325	4	3	108
LCLCV450W-HE	4"LED Round Downlight	5000K	>80	>5	350	4	3	116
LCLCV430W-CQ*	4"LED Round Downlight	3000K	>90	>50	225	4	3	75
LCLCV435W-CQ*	4"LED Round Downlight	3500K	>90	>50	250	4	3	83
LCLCV440W-CQ*	4"LED Round Downlight	4000K	>90	>50	265	4	3	88
LCLCV450W-CQ*	4"LED Round Downlight	5000K	>90	>50	280	4	3	93
LCLCV630W-HE	6"LED Round Downlight	3000K	>80	>5	800	9	8	123
LCLCV635W-HE	6"LED Round Downlight	3500K	>80	>5	850	9	8	125
LCLCV640W-HE	6"LED Round Downlight	4000K	>80	>5	900	9	8	127
LCLCV650W-HE	6"LED Round Downlight	5000K	>80	>5	925	9	8	130
LCLCV630W-CQ*	6"LED Round Downlight	3000K	>90	>50	650	9	8	108
LCLCV635W-CQ*	6"LED Round Downlight	3500K	>90	>50	700	9	8	116
LCLCV640W-CQ*	6"LED Round Downlight	4000K	>90	>50	725	9	8	121
LCLCV650W-CQ*	6"LED Round Downlight	5000K	>90	>50	750	9	8	125

PART NUMBER & PRODUCT GUIDE (CONTINUED)

Flush Mount Part#	Description	Color Temp	CRI	R9	Lumens	AC Watts	DC Watts	L/W-DC
LCLCV830W-HE	8"LED Round Downlight	3000K	>80	>5	1000	11	9	111
LCLCV835W-HE	8"LED Round Downlight	3500K	>80	>5	1030	11	9	114
LCLCV840W-HE	8"LED Round Downlight	4000K	>80	>5	1075	11	9	119
LCLCV850W-HE	8"LED Round Downlight	5000K	>80	>5	1120	11	9	124
LCLCV830W-CQ*	8"LED Round Downlight	3000K	>90	>50	875	11	9	97
LCLCV835W-CQ*	8"LED Round Downlight	3500K	>90	>50	925	11	9	102
LCLCV840W-CQ*	8"LED Round Downlight	4000K	>90	>50	950	11	9	105
LCLCV850W-CQ*	8"LED Round Downlight	5000K	>90	>50	980	11	9	108
LCLCV1230W-HE	12"LED Round Downlight	3000K	>80	>5	1250	12	10	125
LCLCV1235W-HE	12"LED Round Downlight	3500K	>80	>5	1300	12	10	130
LCLCV1240W-HE	12"LED Round Downlight	4000K	>80	>5	1350	12	10	135
LCLCV1250W-HE	12"LED Round Downlight	5000K	>80	>5	1400	12	10	140
LCLCV1230W-CQ*	12"LED Round Downlight	3000K	>90	>50	1100	12	10	110
LCLCV1235W-CQ*	12"LED Round Downlight	3500K	>90	>50	1175	12	10	117
LCLCV1240W-CQ*	12"LED Round Downlight	4000K	>90	>50	1225	12	10	122
LCLCV1250W-CQ*	12"LED Round Downlight	5000K	>90	>50	1250	12	10	125
LCLCV2430W-HE	24"LED Round Downlight	3000K	>80	>5	3550	34	30	118
LCLCV2435W-HE	24"LED Round Downlight	3500K	>80	>5	3600	34	30	120
LCLCV2440W-HE	24"LED Round Downlight	4000K	>80	>5	3650	34	30	121
LCLCV2450W-HE	24"LED Round Downlight	5000K	>80	>5	3700	34	30	123
LCLCV2430W-CQ*	24"LED Round Downlight	3000K	>90	>50	2800	36	32	93
LCLCV2435W-CQ*	24"LED Round Downlight	3500K	>90	>50	3200	36	32	106
LCLCV2440W-CQ*	24"LED Round Downlight	4000K	>90	>50	3250	36	32	108
LCLCV2450W-CQ*	24"LED Round Downlight	5000K	>90	>50	3300	36	32	110

* 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.

* CQ Model orders may have minimum order quantity required and additional lead time. Contact Lauren Illumination for details.





INDUSTRY-LEADING
7 YEAR
WARRANTY

LED DOWNLIGHTS- 8" ROUND RECESSED

PRODUCT FEATURES & PART NUMBERS

- 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 (1½")
- 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
- Flush mount only
- Install with TILT® Drivers and Wired Components



Flush Mount Part#	Description	Color Temp	CRI	R9	Lumens	AC Watts	DC Watts	L/W-DC
LRLCV830W-HE	8"LED Round Downlight-Recessed	3000K	>80	>5	1000	13	11	91
LRLCV835W-HE	8"LED Round Downlight- Recessed	3500K	>80	>5	1100	13	11	100
LRLCV840W-HE	8"LED Round Downlight- Recessed	4000K	>80	>5	1200	13	11	109
LRLCV850W-HE	8"LED Round Downlight- Recessed	5000K	>80	>5	1300	13	11	118
LRLCV830W-CQ*	8"LED Round Downlight- Recessed	3000K	>90	>50	900	13	11	82
LRLCV835W-CQ*	8"LED Round Downlight- Recessed	3500K	>90	>50	975	13	11	88
LRLCV840W-CQ*	8"LED Round Downlight- Recessed	4000k	>90	>50	1000	13	11	91
LRLCV850W-CQ*	8"LED Round Downlight- Recessed	5000K	>90	>50	1050	13	11	95

* 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.

* CQ Model orders may have minimum order quantity required and additional lead time. Contact Lauren Illumination for details.

PART NUMBERS (LED DOWNLIGHTS-8" RECESSED WET)

This product is suitable for wet locations

Flush Mount Part#	Description	Color Temp	CRI	R9	Lumens	AC Watts	DC Watts	L/W-DC
LRWCV830W-HE	8"LED Round Downlight-Recessed Wet	3000K	>80	>5	1000	13	11	91
LRWCV835W-HE	8"LED Round Downlight-Recessed Wet	3500K	>80	>5	1100	13	11	100
LRWCV840W-HE	8"LED Round Downlight-Recessed Wet	4000K	>80	>5	1200	13	11	109
LRWCV850W-HE	8"LED Round Downlight-Recessed Wet	5000K	>80	>5	1300	13	11	118
LRWCV830W-CQ*	8"LED Round Downlight-Recessed Wet	3000K	>90	>50	900	13	11	82
LRWCV835W-CQ*	8"LED Round Downlight-Recessed Wet	3500K	>90	>50	975	13	11	88
LRWCV840W-CQ*	8"LED Round Downlight-Recessed Wet	4000k	>90	>50	1000	13	11	91
LRWCV850W-CQ*	8"LED Round Downlight-Recessed Wet	5000K	>90	>50	1050	13	11	95

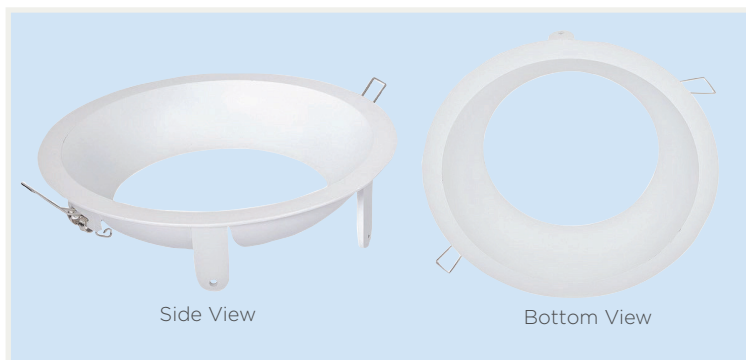


INDUSTRY-LEADING
7 YEAR
WARRANTY

LED DOWNLIGHTS- 6" ROUND RECESSED KIT

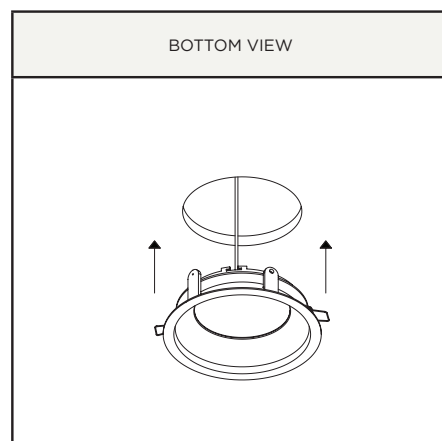
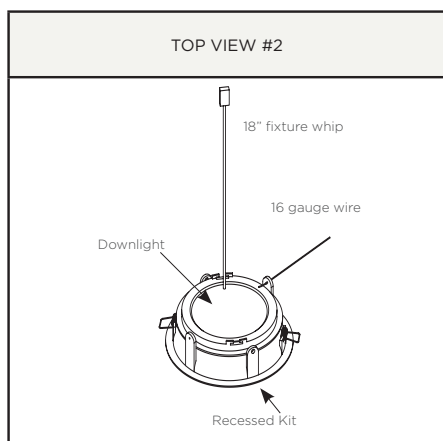
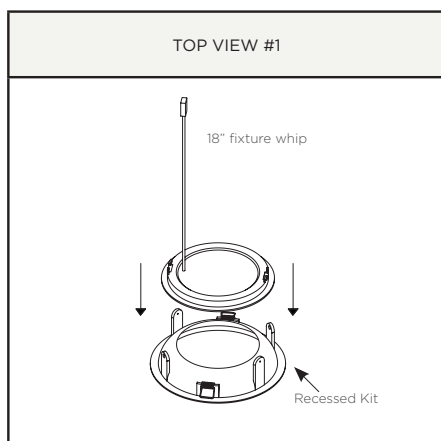
PRODUCT FEATURES

- Easy assembly and installation
- Durable aluminum construction
- Decorative, elegant appearance with beveled edge
- Durable powder coat finish (white)
- For use in ceilings up to 1 ¼" thick (with standard springs)
- For use with TILT® 6" Series Downlights



PART NUMBER & PRODUCT GUIDE

Part#	Description	OD	ID	Depth	Cut Out	Weight (lbs)
RCK-6	6" Round Recessed Kit	8 7/16"	5 3/16"	2 5/16"	7 7/8"	.45



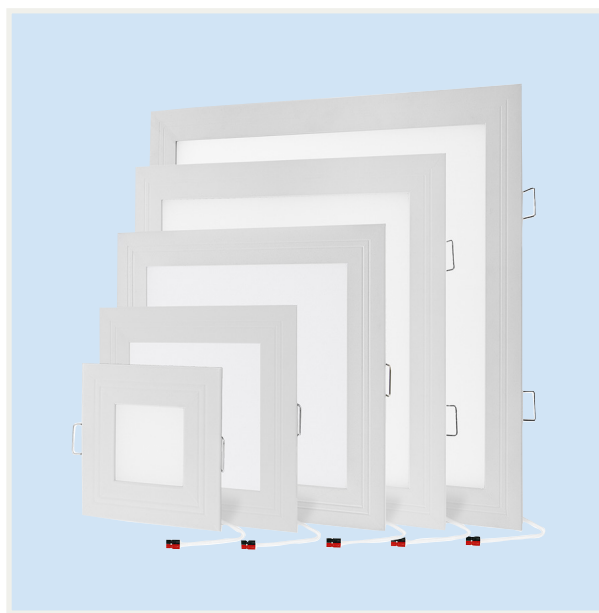


INDUSTRY-LEADING
7 YEAR
WARRANTY

LED DOWNLIGHTS - SQUARE

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 (5/8")
- 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
- Flush mount only
- Install with TILT® Drivers and Wired Components



PART NUMBER & PRODUCT GUIDE

Flush Mount Part#	Description	Color Temp	CRI	R9	Lumens	AC Watts	DC Watts	L/W-DC
LFMSS30W-0404-HE	4"LED Square Downlight	3000K	>80	>5	175	4	3	58
LFMSS35W-0404-HE	4"LED Square Downlight	3500K	>80	>5	200	4	3	66
LFMSS40W-0404-HE	4"LED Square Downlight	4000K	>80	>5	225	4	3	75
LFMSS50W-0404-HE	4"LED Square Downlight	5000K	>80	>5	250	4	3	83
LFMSS30W-0404-CQ*	4"LED Square Downlight	3000K	>90	>50	150	4	3	50
LFMSS35W-0404-CQ*	4"LED Square Downlight	3500K	>90	>50	175	4	3	58
LFMSS40W-0404-CQ*	4"LED Square Downlight	4000K	>90	>50	200	4	3	66
LFMSS50W-0404-CQ*	4"LED Square Downlight	5000K	>90	>50	225	4	3	75
LFMSS30W-0606-HE	6"LED Square Downlight	3000K	>80	>5	590	7	6	98
LFMSS35W-0606-HE	6"LED Square Downlight	3500K	>80	>5	625	7	6	104
LFMSS40W-0606-HE	6"LED Square Downlight	4000K	>80	>5	650	7	6	108
LFMSS50W-0606-HE	6"LED Square Downlight	5000K	>80	>5	700	7	6	116

PART NUMBER & PRODUCT GUIDE (CONTINUED)

Flush Mount Part#	Description	Color Temp	CRI	R9	Lumens	AC Watts	DC Watts	L/W-DC
LFMSS30W-0606-CQ*	6"LED Square Downlight	3000K	>90	>50	500	7	6	83
LFMSS35W-0606-CQ*	6"LED Square Downlight	3500K	>90	>50	525	7	6	87
LFMSS40W-0606-CQ*	6"LED Square Downlight	4000K	>90	>50	550	7	6	92
LFMSS50W-0606-CQ*	6"LED Square Downlight	5000K	>90	>50	575	7	6	95
LFMSS30W-0808-HE	8"LED Square Downlight	3000K	>80	>5	900	10	8	113
LFMSS35W-0808-HE	8"LED Square Downlight	3500K	>80	>5	925	10	8	116
LFMSS40W-0808-HE	8"LED Square Downlight	4000K	>80	>5	950	10	8	118
LFMSS50W-0808-HE	8"LED Square Downlight	5000K	>80	>5	1000	10	8	125
LFMSS30W-0808-CQ*	8"LED Square Downlight	3000K	>90	>50	700	10	8	88
LFMSS35W-0808-CQ*	8"LED Square Downlight	3500K	>90	>50	750	10	8	94
LFMSS40W-0808-CQ*	8"LED Square Downlight	4000K	>90	>50	775	10	8	97
LFMSS50W-0808-CQ*	8"LED Square Downlight	5000K	>90	>50	800	10	8	100
LFMSS30W-1010-HE	10"LED Square Downlight	3000K	>80	>5	1200	13	11	109
LFMSS35W-1010-HE	10"LED Square Downlight	3500K	>80	>5	1300	13	11	118
LFMSS40W-1010-HE	10"LED Square Downlight	4000K	>80	>5	1400	13	11	127
LFMSS50W-1010-HE	10"LED Square Downlight	5000K	>80	>5	1450	13	11	131
LFMSS30W-1010-CQ*	10"LED Square Downlight	3000K	>90	>50	1050	13	11	96
LFMSS35W-1010-CQ*	10"LED Square Downlight	3500K	>90	>50	1100	13	11	100
LFMSS40W-1010-CQ*	10"LED Square Downlight	4000K	>90	>50	1150	13	11	104
LFMSS50W-1010-CQ*	10"LED Square Downlight	5000K	>90	>50	1200	13	11	110
LFMSS30W-1212-HE	12"LED Square Downlight	3000K	>80	>5	1750	17	15	117
LFMSS35W-1212-HE	12"LED Square Downlight	3500K	>80	>5	1800	17	15	120
LFMSS40W-1212-HE	12"LED Square Downlight	4000K	>80	>5	1850	17	15	123
LFMSS50W-1212-HE	12"LED Square Downlight	5000K	>80	>5	1900	17	15	126
LFMSS30W-1212-CQ*	12"LED Square Downlight	3000K	>90	>50	1450	17	15	97
LFMSS35W-1212-CQ*	12"LED Square Downlight	3500K	>90	>50	1500	17	15	100
LFMSS40W-1212-CQ*	12"LED Square Downlight	4000K	>90	>50	1550	17	15	103
LFMSS50W-1212-CQ*	12"LED Square Downlight	5000K	>90	>50	1600	17	15	106

· 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.

* CQ Model orders may have minimum order quantity required and additional lead time. Contact Lauren Illumination for details.

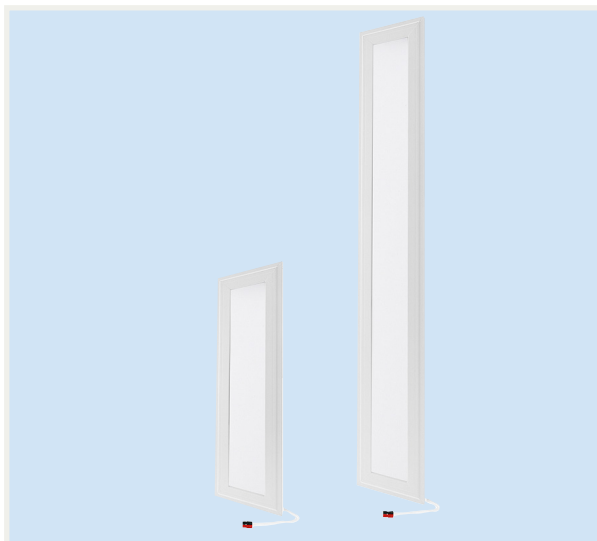


INDUSTRY-LEADING
7 YEAR
WARRANTY

LED LINEAR PANELS

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



PART NUMBER & PRODUCT GUIDE

Grid Mount Part#	Flush Mount Part#	Description	Color Temp	CRI	R9	Lumens	AC Watts	DC Watts	L/W-DC
LGMSS30W-0424-HE*	LFMSS30W-0424-HE*	4"X24" LED Linear	3000K	>80	>5	1000	13	11	91
LGMSS35W-0424-HE*	LFMSS35W-0424-HE*	4"X24" LED Linear	3500K	>80	>5	1050	13	11	96
LGMSS40W-0424-HE*	LFMSS40W-0424-HE*	4"X24" LED Linear	4000K	>80	>5	1100	13	11	100
LGMSS50W-0424-HE*	LFMSS50W-0424-HE*	4"X24" LED Linear	5000K	>80	>5	1150	13	11	104
LGMSS30W-0424-CQ*	LFMSS30W-0424-CQ*	4"X24" LED Linear	3000K	>90	>50	950	13	11	87
LGMSS35W-0424-CQ*	LFMSS35W-0424-CQ*	4"X24" LED Linear	3500K	>90	>50	1050	13	11	95
LGMSS40W-0424-CQ*	LFMSS40W-0424-CQ*	4"X24" LED Linear	4000K	>90	>50	1100	13	11	100
LGMSS50W-0424-CQ*	LFMSS50W-0424-CQ*	4"X24" LED Linear	5000K	>90	>50	1150	13	11	104
LGMSS30W-0448-HE	LFMSS30W-0448-HE	4"X48" LED Linear	3000K	>80	>5	2000	27	23	87
LGMSS35W-0448-HE	LFMSS35W-0448-HE	4"X48" LED Linear	3500K	>80	>5	2050	27	23	89
LGMSS40W-0448-HE	LFMSS40W-0448-HE	4"X48" LED Linear	4000K	>80	>5	2050	27	23	89
LGMSS50W-0448-HE	LFMSS50W-0448-HE	4"X48" LED Linear	5000K	>80	>5	2100	27	23	91
LGMSS30W-0448-CQ*	LFMSS30W-0448-CQ*	4"X48" LED Linear	3000K	>90	>50	2000	27	23	87
LGMSS35W-0448-CQ*	LFMSS35W-0448-CQ*	4"X48" LED Linear	3500K	>90	>50	2050	27	23	89
LGMSS40W-0448-CQ*	LFMSS40W-0448-CQ*	4"X48" LED Linear	4000K	>90	>50	2050	27	23	89
LGMSS50W-0448-CQ*	LFMSS50W-0448-CQ*	4"X48" LED Linear	5000K	>90	>50	2100	27	23	91
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

PART NUMBER & PRODUCT GUIDE (CONTINUED)

Grid Mount Part#	Flush Mount Part#	Description	Color Temp	CRI	R9	Lumens	AC Watts	DC Watts	L/W-DC
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
LGMSS30W-0824-HE*	LFMSS30W-0824-HE*	8"X24" LED Linear	3000K	>80	>5	1900	22	19	100
LGMSS35W-0824-HE*	LFMSS35W-0824-HE*	8"X24" LED Linear	3500K	>80	>5	1975	22	19	104
LGMSS40W-0824-HE*	LFMSS40W-0824-HE*	8"X24" LED Linear	4000K	>80	>5	2000	22	19	105
LGMSS50W-0824-HE*	LFMSS50W-0824-HE*	8"X24" LED Linear	5000K	>80	>5	2050	22	19	108
LGMSS30W-0824-CQ*	LFMSS30W-0824-CQ*	8"X24" LED Linear	3000K	>90	>50	1650	22	19	87
LGMSS35W-0824-CQ*	LFMSS35W-0824-CQ*	8"X24" LED Linear	3500K	>90	>50	1700	22	19	89
LGMSS40W-0824-CQ*	LFMSS40W-0824-CQ*	8"X24" LED Linear	4000K	>90	>50	1750	22	19	92
LGMSS50W-0824-CQ*	LFMSS50W-0824-CQ*	8"X24" LED Linear	5000K	>90	>50	1800	22	19	95
LGMSS30W-0848-HE*	LFMSS30W-0848-HE*	8"X48" LED Linear	3000K	>80	>5	3800	47	40	95
LGMSS35W-0848-HE*	LFMSS35W-0848-HE*	8"X48" LED Linear	3500K	>80	>5	3900	47	40	98
LGMSS40W-0848-HE*	LFMSS40W-0848-HE*	8"X48" LED Linear	4000K	>80	>5	4000	47	40	100
LGMSS50W-0848-HE*	LFMSS50W-0848-HE*	8"X48" LED Linear	5000K	>80	>5	4100	47	40	103
LGMSS30W-0848-CQ*	LFMSS30W-0848-CQ*	8"X48" LED Linear	3000K	>90	>50	3500	47	40	88
LGMSS35W-0848-CQ*	LFMSS35W-0848-CQ*	8"X48" LED Linear	3500K	>90	>50	3525	47	40	88
LGMSS40W-0848-CQ*	LFMSS40W-0848-CQ*	8"X48" LED Linear	4000K	>90	>50	3550	47	40	89
LGMSS50W-0848-CQ*	LFMSS50W-0848-CQ*	8"X48" LED Linear	5000K	>90	>50	3600	47	40	90
LGMSS30W-1024-HE*	LFMSS30W-1024-HE*	10"X24" LED Linear	3000K	>80	>5	1950	21	18	108
LGMSS35W-1024-HE*	LFMSS35W-1024-HE*	10"X24" LED Linear	3500K	>80	>5	1975	21	18	109
LGMSS40W-1024-HE*	LFMSS40W-1024-HE*	10"X24" LED Linear	4000K	>80	>5	2000	21	18	111
LGMSS50W-1024-HE*	LFMSS50W-1024-HE*	10"X24" LED Linear	5000K	>80	>5	2025	21	18	112
LGMSS30W-1024-CQ*	LFMSS30W-1024-CQ*	10"X24" LED Linear	3000K	>90	>50	1550	21	18	86
LGMSS35W-1024-CQ*	LFMSS35W-1024-CQ*	10"X24" LED Linear	3500K	>90	>50	1600	21	18	89
LGMSS40W-1024-CQ*	LFMSS40W-1024-CQ*	10"X24" LED Linear	4000K	>90	>50	1650	21	18	92
LGMSS50W-1024-CQ*	LFMSS50W-1024-CQ*	10"X24" LED Linear	5000K	>90	>50	1700	21	18	95
LGMSS30W-1048-HE*	LFMSS30W-1048-HE*	10"X48" LED Linear	3000K	>80	>5	4050	40	36	113
LGMSS35W-1048-HE*	LFMSS35W-1048-HE*	10"X48" LED Linear	3500K	>80	>5	4125	40	36	114
LGMSS40W-1048-HE*	LFMSS40W-1048-HE*	10"X48" LED Linear	4000K	>80	>5	4175	40	36	116
LGMSS50W-1048-HE*	LFMSS50W-1048-HE*	10"X48" LED Linear	5000K	>80	>5	4250	40	36	118
LGMSS30W-1048-CQ*	LFMSS30W-1048-CQ*	10"X48" LED Linear	3000K	>90	>50	3600	40	36	100
LGMSS35W-1048-CQ*	LFMSS35W-1048-CQ*	10"X48" LED Linear	3500K	>90	>50	3650	40	36	101
LGMSS40W-1048-CQ*	LFMSS40W-1048-CQ*	10"X48" LED Linear	4000K	>90	>50	3700	40	36	102
LGMSS50W-1048-CQ*	LFMSS50W-1048-CQ*	10"X48" LED Linear	5000K	>90	>50	3750	40	36	104

• 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.

• 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.

PRODUCT FEATURES & PART NUMBERS

- Easy to install and requires no assembly
- Durable stamped steel construction
- Polycarbonate diffuser
- For use with TILT® driver and accessories
- For use in Grid ceiling applications
- Durable powder coat finish (white)



PART NUMBER & PRODUCT GUIDE

Part#	Description	Size (WxLxD)	AC Watts	DC Watts
LT2230W	2x2 Troffer	24"x24"x3"	34.5	30
LT2235W	2x2 Troffer	24"x24"x3"	34.5	30
LT2240W	2x2 Troffer	24"x24"x3"	34.5	30
LT2250W	2x2 Troffer	24"x24"x3"	34.5	30
LT2430W	2x4 Troffer	24"x48"x3"	49	45
LT2435W	2x4 Troffer	24"x48"x3"	49	45
LT2440W	2x4 Troffer	24"x48"x3"	49	45
LT2450W	2x4 Troffer	24"x48"x3"	49	45



Continuous Run Frame

Featured Installation:

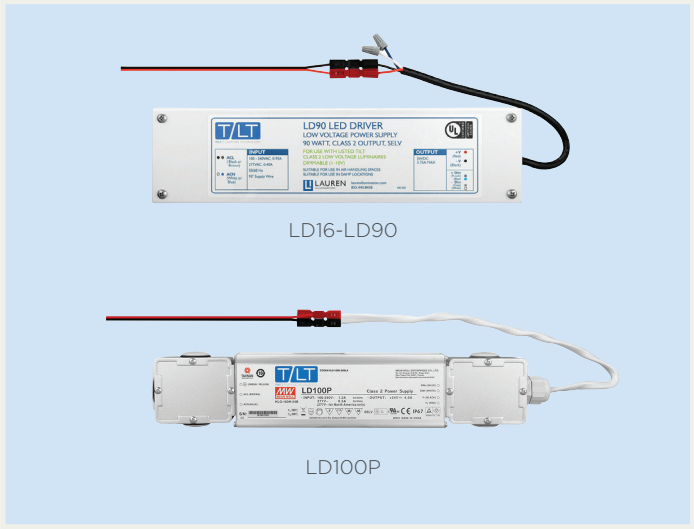
Honda Dealership
Columbus, OH

TILT® LED Panels



PRODUCT FEATURES

- Class II power unit; SELV rated
- Plug & Play 24 Volt design for quick install and design flexibility
- Constant voltage design allows multiple lights per driver and greater energy efficiency
- UL registered; CE certified; RoHS compliant
- Plenum rated suitable for use in air handling spaces
- Protections include: short circuit, over current, over voltage and over temperature
- Built-in active power factor correction (PFC)



PART NUMBER & PRODUCT GUIDE (STANDARD DRIVERS-16W, 25W, 40W, 60W, 90W, 100W)

Part#	Size (WxLxD)	AC Input			DC Output			Safety		
		Voltage	Inrush Current*	Max Amps**	Voltage	Max Amps	Power	Working Temperature	Thermal Shutdown	IP Rating
LD16	3.0"x 12.0"x 1.5"	90-305V	45A	0.38A	24VDC	0.67A	16W	-35-70C	75C	IP30
LD25	3.0"x 12.0"x 1.5"	90-305V	45A	0.38A	24VDC	1.05A	25W	-35-70C	75C	IP30
LD40	3.0"x 12.0"x 1.5"	90-305V	55A	0.57A	24VDC	1.67A	40W	-40-70C	75C	IP67
LD60	3.0"x 12.0"x 1.5"	90-305V	55A	0.76A	24VDC	2.50A	60W	-40-70C	75C	IP67
LD90	3.0"x 12.0"x 1.5"	90-305V	70A	0.91A	24VDC	3.75A	90W	-40-70C	70C	IP67
LD100P	2.6"x 14.0"x 1.6"	90-305V	60A	1.14A	24VDC	4.00A	96W	-40-60C	70C	IP67

* @230V **@110V





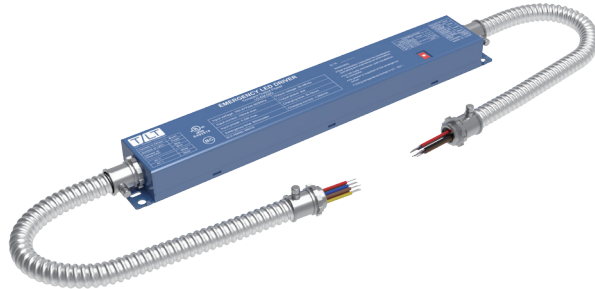
Emergency LED Driver

08 Watts Constant Output Power

LD-EM-08D

Features:

- Listed for field installation-UL924 and CSA C22.2 NO.141
- Selectable emergency power 4W,6W,8W
- Universal input (100-277Vac)
- Constant output power (Auto- sensing output within each range)
- Output LVLE Compliant
- Battery protections : over voltage protection, low voltage protection, over temperature protection, short circuit protection
- RoHS compliant



Specifications:

UL Listed

For field or factory installation

Universal Input Voltage

100-277Vac, 50/60Hz

AC Input Current

100mA max.

AC Input Power Rating

5.5W max.

Output Current and Voltage

166-320mA, 25-48Vdc

Output Power

8W max.

Illumination Time

≥90 Minutes

Full Warranty

5 Years

Test Switch/ Charging Indicator Light

Low Voltage, illuminated Test Switch

Battery

High-Temperature, Maintenance-Free

Ni-MH battery

5 Years Life Expectancy

Battery Charging Current

250mA

Recharge Time

≥24Hours

Temperature Rating (Ambient)

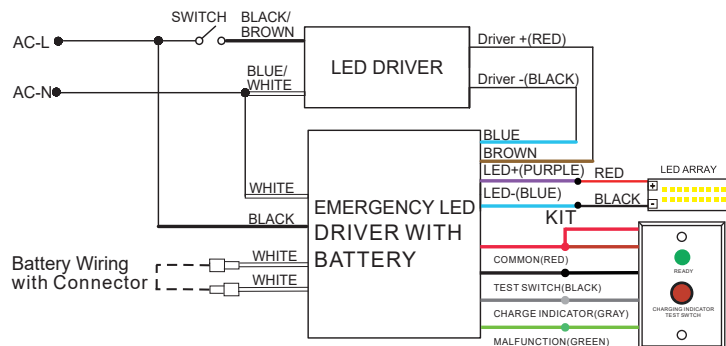
0°C to +50°C (32°F to 122°F)

Dimensions

15"x2.17"x1.3" (382mmx55mmx32mm)

17.7" (450mm) Flexible Conduit

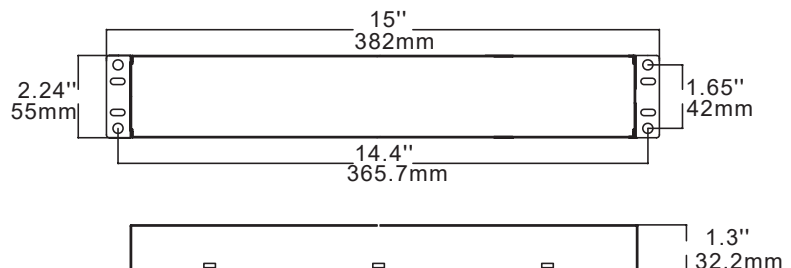
Wiring Diagram:



- 1.DO NOT MATE CONNECTOR UNTIL INSTALLATION IS COMPLETE AND AC POWER IS SUPPLIED.
- 2.TEST ACCESSORY LEADS-OBSERVE PROPER POLARITY WIRING.

Dimensions:

Case-15"x2.24"x1.3"(mounting center-14.4")





DRIVE LINES & EXTENSIONS

PRODUCT FEATURES & PART NUMBERS (DRIVE LINES)

- Use to connect a TILT® Driver to TILT® lights
- Plug & Play 24 Volt design for quick install and design flexibility
- Connect multiple additional lights to Drive Line using TILT® Speed Whips
- Power Pole quick connects on each end
- Plenum rated
- CL3P cable
- Thin and flexible Class 2 (low voltage) cable allows easy navigation of crowded plenum space
- Available in 5' increments, from 10' to 50' in length

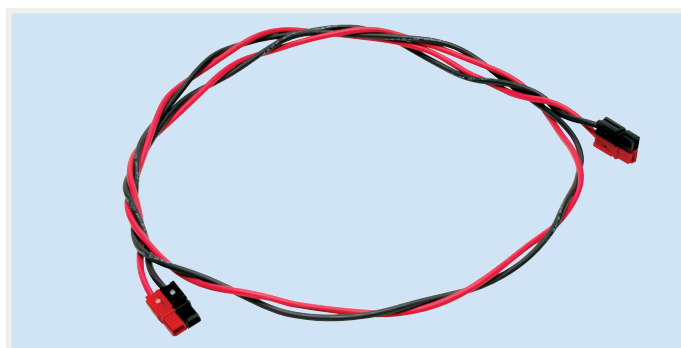


Part#	Description
DL10	10 Foot Drive Line
DL15	15 Foot Drive Line
DL20	20 Foot Drive Line
DL25	25 Foot Drive Line
DL30	30 Foot Drive Line

Part#	Description
DL35	35 Foot Drive Line
DL40	40 Foot Drive Line
DL45	45 Foot Drive Line
DL50	50 Foot Drive Line

PRODUCT FEATURES & PART NUMBERS (EXTENSIONS)

- Use to extend the distance between a TILT® Driver and a TILT® light
- Plug & Play 24 Volt design for quick install and design flexibility
- Power Pole quick connects on each end
- Plenum rated
- CL3P cable
- Thin and flexible Class 2 (low voltage) cable allows easy navigation of crowded plenum space
- Available in various lengths, from 1' to 10'

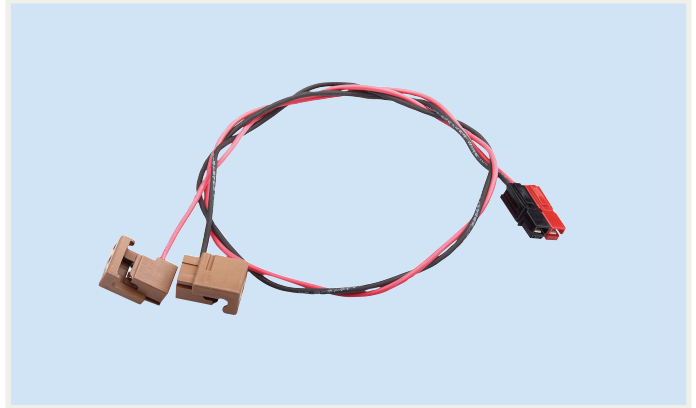


Part#	Description
EXT01	1 Foot Extension
EXT02	2 Foot Extension
EXT04	4 Foot Extension

Part#	Description
EXT06	6 Foot Extension
EXT08	8 Foot Extension
EXT10	10 Foot Extension

PRODUCT FEATURES & PART NUMBERS (SPEED WHIPS)

- Use to connect a TILT® Drive Line to a TILT® light
- Plug & Play 24 Volt design for quick install and design flexibility
- Allows multiple lights to be powered by one TILT® Driver and Drive Line
- Power Pole quick connect at one end and insulation displacement (splice) connector on other end
- Plenum rated
- CL3P cable
- Thin and flexible Class 2 (low voltage) cable allows easy navigation of crowded plenum space
- Available in various lengths, from 12" to 96"

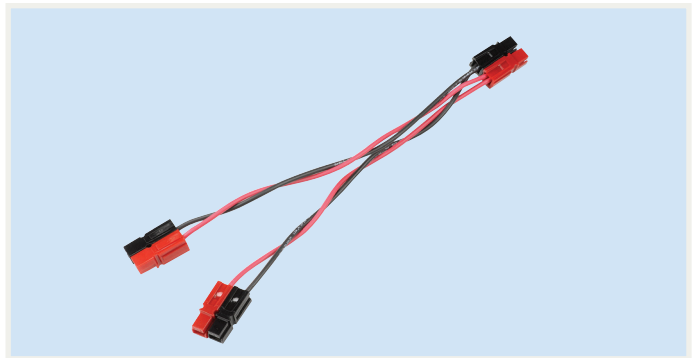


Part#	Description
SW12	12 Inch Speed Whip
SW18	18 Inch Speed Whip
SW24	24 Inch Speed Whip
SW48	48 Inch Speed Whip

Part#	Description
SW60	60 Inch Speed Whip
SW72	72 Inch Speed Whip
SW96	96 Inch Speed Whip

PRODUCT FEATURES & PART NUMBERS (SPLITTERS)

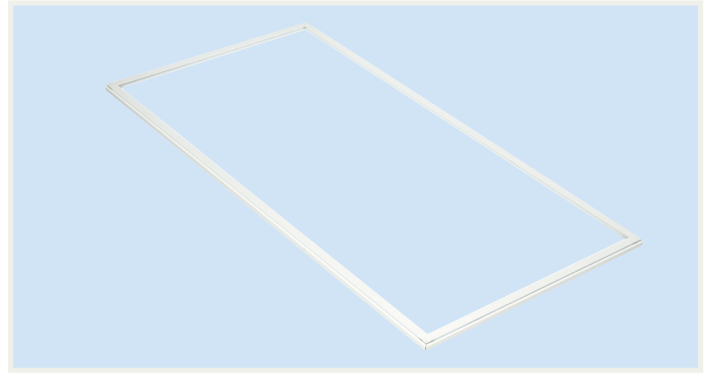
- Use to split supply line from TILT® Driver into two different directions
- Plug & Play 24 Volt design for quick install and design flexibility
- Power Pole quick connects on each end
- Plenum rated
- CL3P cable
- Thin and flexible Class 2 (low voltage) cable allows easy navigation of crowded plenum space
- Standard length is 1'. Custom sizes available upon request



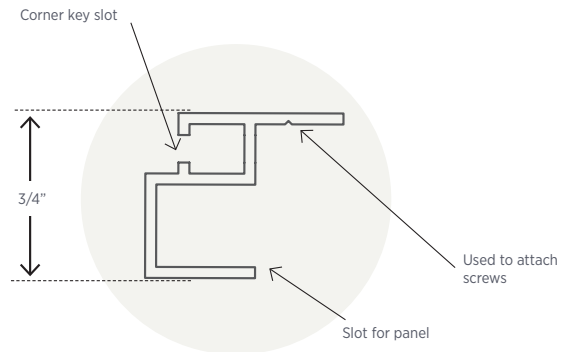
Part#	Description
SPL01	1 Foot Splitter

PRODUCT FEATURES & PART NUMBERS (3/4" SURFACE MOUNT KIT)

- Easy assembly and installation
- Durable extruded aluminum frame
- Decorative, elegant appearance with beveled edge
- For use with TILT® Grid Mount (LGM Series) and Linear Series lights
- Mount to any hard surface
- TILT® Driver must be mounted remotely
- Durable powder coat finish (white)
- Custom sizes and colors available upon request

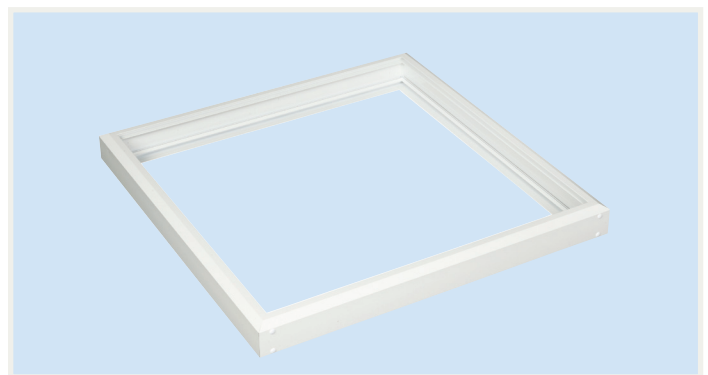


Part#	Description	Size (WxLxD)
SM0448075W	.75" Surface Mount Frame	4"x 48"x 0.75"
SM0648075W	.75" Surface Mount Frame	6"x 48"x 0.75"
SM0848075W	.75" Surface Mount Frame	8"x 48"x 0.75"
SM1048075W	.75" Surface Mount Frame	10"x 48"x 0.75"
SM14075W	.75" Surface Mount Frame	12"x 48"x 0.75"
SM22075W	.75" Surface Mount Frame	24"x 24"x 0.75"
SM24075W	.75" Surface Mount Frame	24"x 48"x 0.75"

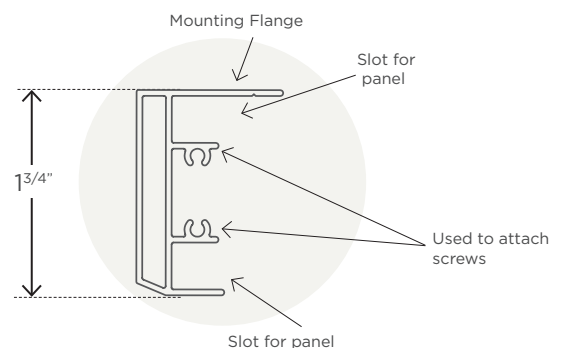


PRODUCT FEATURES & PART NUMBERS (1 3/4" SURFACE MOUNT KIT)

- Easy assembly and installation
- Durable extruded aluminum frame
- Decorative, elegant appearance with beveled edge
- For use with TILT® Grid Mount (LGM Series) and Linear Series lights
- Mount to any hard surface
- TILT® Driver must be mounted remotely
- Durable powder coat finish (white)
- Conduit holes available
- Custom sizes and colors available upon request



Part#	Description	Size (WxLxD)
SM0448175W	1.75" Surface Mount Frame	4"x 48"x 1.75"
SM0648175W	1.75" Surface Mount Frame	6"x 48"x 1.75"
SM0848175W	1.75" Surface Mount Frame	8"x 48"x 1.75"
SM1048175W	1.75" Surface Mount Frame	10"x 48"x 1.75"
SM14175W	1.75" Surface Mount Frame	12"x 48"x 1.75"
SM22175W	1.75" Surface Mount Frame	24"x 24"x 1.75"
SM24175W	1.75" Surface Mount Frame	24"x 48"x 1.75"

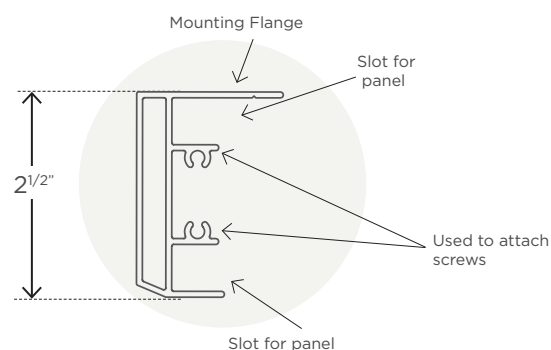


PRODUCT FEATURES & PART NUMBERS (2½" SURFACE MOUNT KIT)

- Easy assembly and installation
- Durable extruded aluminum frame
- Decorative, elegant appearance with beveled edge
- For use with TILT® Grid Mount (LGM Series) and Linear Series lights
- Mount to any hard surface or suspend with TILT® Hanging Kit
- TILT® Driver can be mounted remotely or inside frame
- Durable powder coat finish (white)
- Conduit holes available
- Custom sizes and colors available upon request



Part#	Description	Size (WxLxD)
SM0448250W	2.50" Surface Mount Frame	4"x 48"x 2.50"
SM0648250W	2.50" Surface Mount Frame	6"x 48"x 2.50"
SM0848250W	2.50" Surface Mount Frame	8"x 48"x 2.50"
SM1048250W	2.50" Surface Mount Frame	10"x 48"x 2.50"
SM14250W	2.50" Surface Mount Frame	12"x 48"x 2.50"
SM22250W	2.50" Surface Mount Frame	24"x 24"x 2.50"
SM24250W	2.50" Surface Mount Frame	24"x 48"x 2.50"



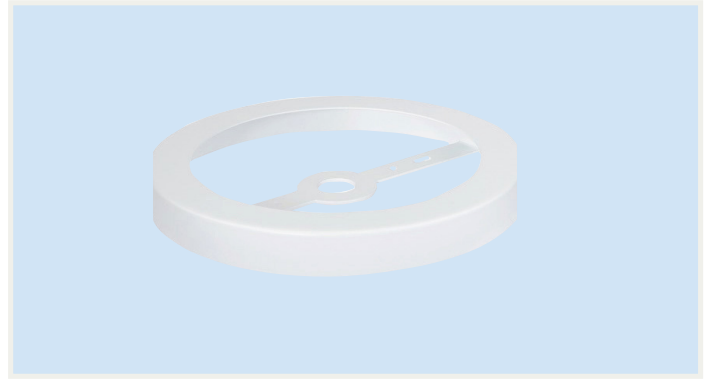
PRODUCT FEATURES & PART NUMBERS (HANGING KIT)

Part#	Description
HK02	2 piece Hanging Mount Kit (10 Ft. length) Use to hang surface mount kit from ceiling substrate



PRODUCT FEATURES & PART NUMBERS (6", 8", 12" DOWNLIGHT SURFACE MOUNT KIT)

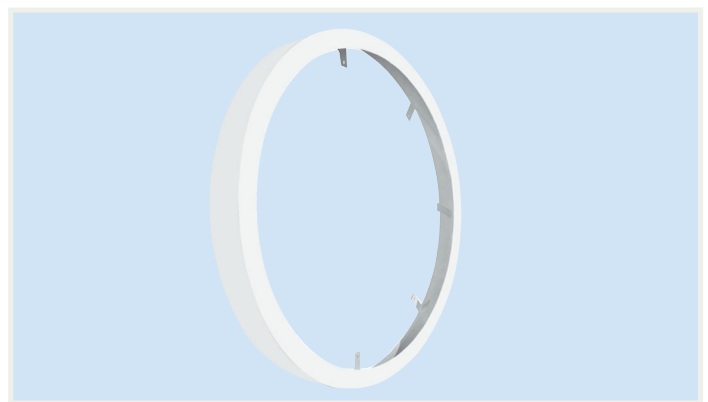
- Easy to install and requires no assembly
- Durable stamped steel construction
- Decorative, elegant appearance with beveled edge
- For use with TILT® Series Downlights
- Mount to any hard surface
- TILT® Driver must be mounted remotely
- Durable powder coat finish (white)
- Custom sizes and colors available upon request



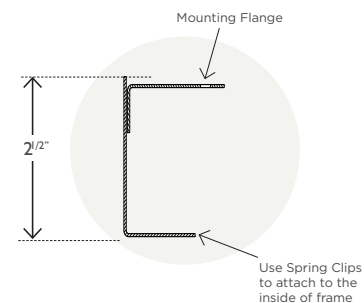
Part#	Description	Diameter	Depth
SMR6	6" Surface Mount Round	6"	1"
SMR8	8" Surface Mount Round	8"	1"
SMR12	12" Surface Mount Round	12"	1"

PRODUCT FEATURES & PART NUMBERS (24" SURFACE MOUNT KIT)

- Easy to install and requires no assembly
- Durable stamped steel construction
- Decorative, elegant appearance with beveled edge
- For use with TILT® Series Downlights
- Mount to any hard surface or suspend with TILT® Hanging Kit
- TILT® Driver can be mounted remotely or inside frame
- Durable powder coat finish (white)
- Custom sizes and colors available upon request

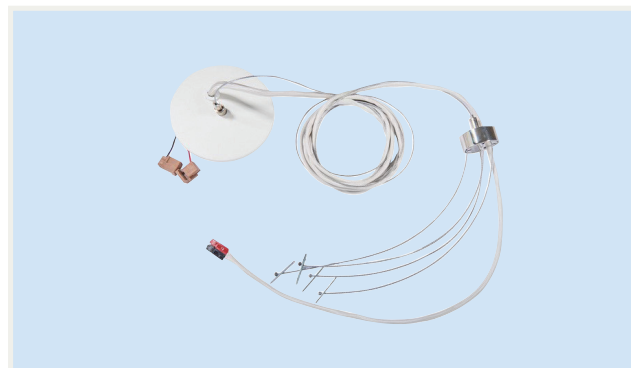


Part#	Description	Diameter	Depth
SM24250W	24" Surface Mount Round	24"	2.50"



PRODUCT FEATURES & PART NUMBERS (24" HANGING KIT)

Part#	Description
HK04	4 piece Hanging Mount Kit (10 Ft. length) Use to hang downlight surface mount kit from ceiling substrate



PENDANT MOUNT KIT-DOWNLIGHTS

PRODUCT FEATURES & PART NUMBERS (DOWNLIGHT PENDANT MOUNT)

- Easy to install
- Durable stamped steel construction
- Decorative, elegant appearance with beveled edge
- For use with TILT® Series Downlights
- Mounts to a standard octagon or round electrical box capable of handling up to 7.75lbs
- TILT® Driver must be mounted remotely
- Durable powder coat finish (white)
- Custom sizes and colors available upon request
- TILT® Downlights and accessories sold separately

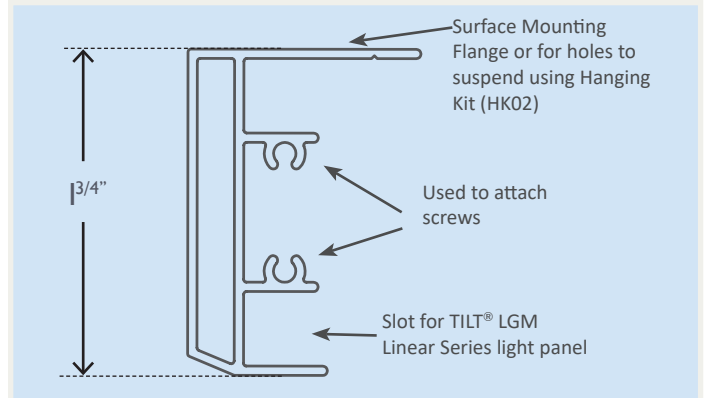


Part#	Description	Downlight Size	Stem Length*
PMR624W	6" Round Pendant Mount 24" Stem	6"	24"
PMR648W	6" Round Pendant Mount 48" Stem	6"	48"
PMR696W	6" Round Pendant Mount 96" Stem	6"	96"
PMR824W	8" Round Pendant Mount 24" Stem	8"	24"
PMR848W	8" Round Pendant Mount 48" Stem	8"	48"
PMR896W	8" Round Pendant Mount 96" Stem	8"	96"
PMR1224W	12" Round Pendant Mount 24" Stem	12"	24"
PMR1248W	12" Round Pendant Mount 48" Stem	12"	48"
PMR1296W	12" Round Pendant Mount 96" Stem	12"	96"

*Stem lengths vary from 3-96". Available upon request.

PRODUCT FEATURES

- Easy assembly and installation
- Durable extruded aluminum frame
- Decorative, elegant appearance with beveled edge
- For use with TILT® Linear Series Lights (Panels sold separately)
- Mount to any hard surface
- TILT® Driver must be mounted remotely
- Durable powder coat finish (white)
- Built to run continuously
- Custom sizes and colors available upon request



PART NUMBER & PRODUCT GUIDE

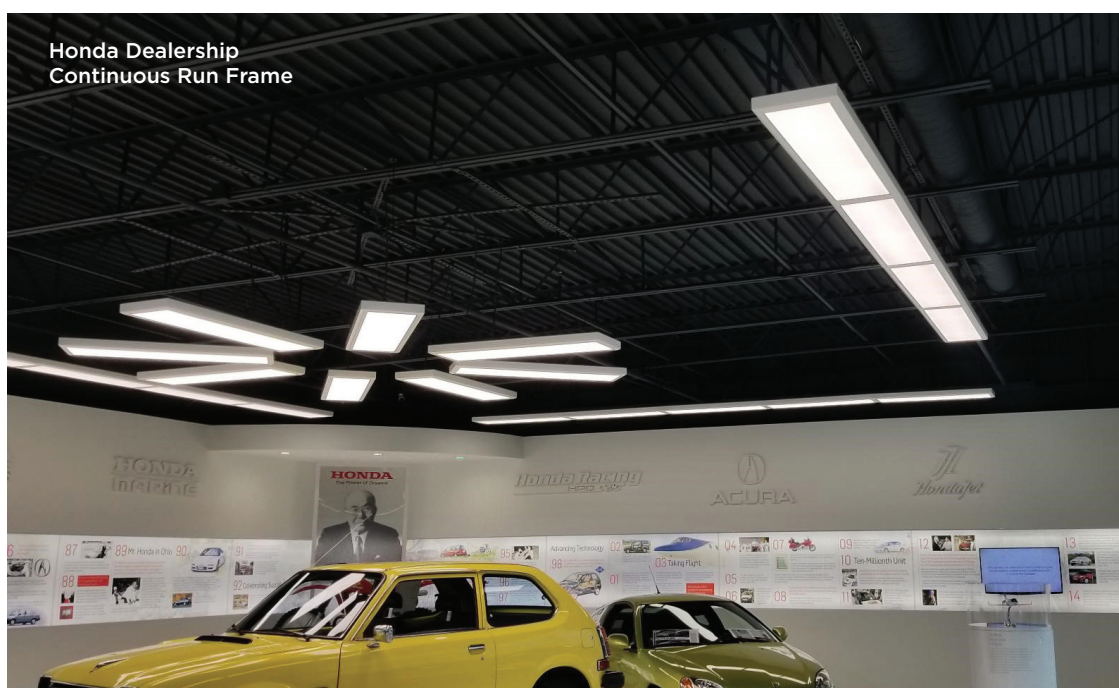
Product Ordering Guide (example) :

Part# SM04**175W-CR = 4" Linear 1.75" Continuous Run Frame and ** equals total number of panels

Part#	Description	Size (WxLxD)
SM0405175W-CR	4" Linear 1.75" 20Ft. Continuous Run Frame	4"x 240"x 1.75"
SM0410175W-CR	4" Linear 1.75" 40Ft. Continuous Run Frame	4"x 480"x 1.75"
SM0415175W-CR	4" Linear 1.75" 60 Ft. Continuous Run Frame	4"x 720"x 1.75"
SM0420175W-CR	4" Linear 1.75" 80Ft. Continuous Run Frame	4"x 960"x 1.75"
SM0425175W-CR	4" Linear 1.75" 100Ft. Continuous Run Frame	4"x 1200"x 1.75"
SM0605175W-CR	6" Linear 1.75" 20Ft. Continuous Run Frame	6"x 240"x 1.75"
SM0610175W-CR	6" Linear 1.75" 40Ft. Continuous Run Frame	6"x 480"x 1.75"
SM0615175W-CR	6" Linear 1.75" 60Ft. Continuous Run Frame	6"x 720"x 1.75"
SM0620175W-CR	6" Linear 1.75" 80Ft. Continuous Run Frame	6"x 960"x 1.75"
SM0625175W-CR	6" Linear 1.75" 100Ft. Continuous Run Frame	6"x 1200"x 1.75"

PART NUMBER & PRODUCT GUIDE CONTINUED

Part#	Description	Size (WxLxD)
SM0805175W-CR	8" Linear 1.75" 20Ft. Continuous Run Frame	8"x 240"x 1.75"
SM0810175W-CR	8" Linear 1.75" 40Ft. Continuous Run Frame	8"x 480"x 1.75"
SM0815175W-CR	8" Linear 1.75" 60Ft. Continuous Run Frame	8"x 720"x 1.75"
SM0820175W-CR	8" Linear 1.75" 80Ft. Continuous Run Frame	8"x 960"x 1.75"
SM0825175W-CR	8" Linear 1.75" 100Ft. Continuous Run Frame	8"x 1200"x 1.75"
SM1005175W-CR	10" Linear 1.75" 20Ft. Continuous Run Frame	10"x 240"x 1.75"
SM1010175W-CR	10" Linear 1.75" 40Ft. Continuous Run Frame	10"x 480"x 1.75"
SM1015175W-CR	10" Linear 1.75" 60Ft. Continuous Run Frame	10"x 720"x 1.75"
SM1020175W-CR	10" Linear 1.75" 80Ft. Continuous Run Frame	10"x 960"x 1.75"
SM1025175W-CR	10" Linear 1.75" 100Ft. Continuous Run Frame	10"x 1200"x 1.75"
SM1205175W-CR	12" Linear 1.75" 20Ft. Continuous Run Frame	12"x 240"x 1.75"
SM1210175W-CR	12" Linear 1.75" 40Ft. Continuous Run Frame	12"x 480"x 1.75"
SM1215175W-CR	12" Linear 1.75" 60Ft. Continuous Run Frame	12"x 720"x 1.75"
SM1220175W-CR	12" Linear 1.75" 80Ft. Continuous Run Frame	12"x 960"x 1.75"
SM1225175W-CR	12" Linear 1.75" 100Ft. Continuous Run Frame	12"x 1200"x 1.75"

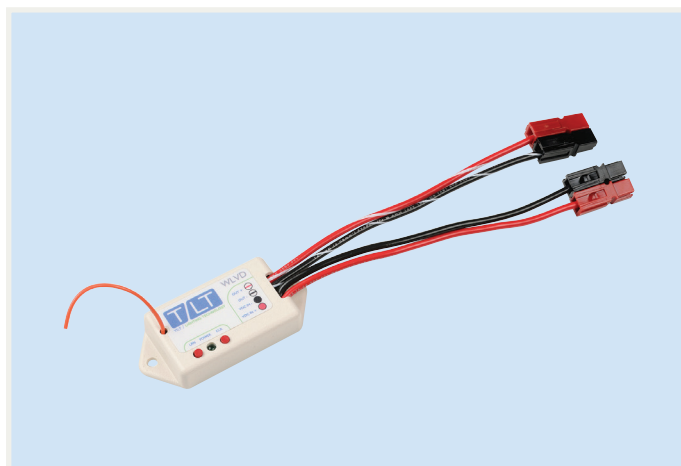




LOW VOLTAGE & 0-10V CONTROLLER

PRODUCT FEATURES & PART NUMBERS (LOW VOLTAGE CONTROLLER)

- Use with TILT® Switches, Remotes and Sensors
- Turns TILT® lights on/off and provides full range of dimming (5%-100%) with no flicker
- Pulse Width Modulation (PWM) dimming at 400HZ
- Two sets of Power Pole quick connects; one to TILT® Driver and the other to TILT® Drive Line (or light)
- EnOcean 902 MHz RF communication for long range and high reliability
- Easily programmed or reconfigured in minutes
- Controls up to 25 Switches, Remotes and/or Sensors
- Not affected by other wireless signals
- FCC, IC and RoHS compliant
- 5-year warranty



Part#	Description	Mount Style	Temp Range	Power
WLVD	Low Voltage Wireless Controller	On 24V DC power supply line with LED driver	13°F-140°F	24V DC, 10A max no battery

PRODUCT FEATURES & PART NUMBERS (0-10V CONTROLLER)

- Use with TILT® Switches, Remotes and Sensors
- Turns TILT® lights on/off and provides full range of dimming (5%-100%) with no flicker
- EnOcean 902 MHz RF communication for long range and high reliability
- Available in 500W and 2000W models
- Must be hardwired to the 100V to 277V AC supply line
- Easily programmed or reconfigured in minutes
- Controls up to 25 Switches, Remotes and/or Sensors
- Not affected by other wireless signals
- FCC, IC and RoHS compliant
- 5-year warranty



Part#	Description	Mount Style	Temp Range	Power
W010	0-10V Wireless Controller	Mount to jbox or driver enclosure using knock-out. Run 0-10V wire to driver output.	32°F-122°F	100-277V AC input 500W-5A Max @ 110V 2000W-20 Max @ 100V

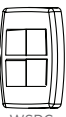
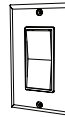


SWITCHES, REMOTES & OCCUPANCY SENSORS

PRODUCT FEATURES & PART NUMBERS (SWITCHES & REMOTES)

- Use with TILT® Low Voltage or 0-10V Wireless Controller
- Turns TILT® lights on/off and provides full range of dimming (5%-100%) with no flicker
- 4 programmable operating modes
- Easily programmed or reconfigured in minutes
- Up to 25 Switches and/or Remotes can be paired with one TILT® Controller
- Not affected by other wireless signals
- Available in single or double switch configurations and a variety of colors
- Mounting hardware included for installation in standard wall box or any hard surface
- 5-year warranty



Product	Part#	Description	Mount Style	Modes	Temp Range	Power	Range
  	WSRC WSS WSD	Switch used to dim or turn lights on/off	In a switch box or mount to a surface using the mounting plate	1- Rocker 2-Momentary 3-Toggle 4-Scene	14°F-140°F	Powered through the mechanical operation of the switch. No battery needed	150 Feet

*See separate specification sheets for these compatible products

PRODUCT FEATURES & PART NUMBERS (OCCUPANCY SENSORS)

- Use with TILT® Low Voltage or 0-10V Wireless Controller
- Turns TILT® lights on/off as needed
- IR signal detects motion in the field of view
- 3 programmable operating modes
- Easily programmed or reconfigured in minutes
- Up to 25 Occupancy Sensors can be paired with one TILT® Controller
- Not affected by other wireless signals
- Solar cells harvest ambient light for power; 3V battery can be used as supplement
- Mounting hardware included for installation on wall or ceiling
- 5-year warranty



Part#	Description	Modes	Temp Range	Power	Range
WOSW	Occupancy Sensor 5.83"Hx2.52"Wx1.80"D	1-Manual On/Auto Off 2-Auto On/Auto Off 3-Walk Through	14°F-104°F	Continuous battery-free operation up to 20 years using indoor Light Energy Harvesting	80 Feet
WOSC	Occupancy Sensor 6.30"Hx2.35"Wx1.47"D			Optional: supplemental 3V battery for extended life	

PRODUCT FEATURES & PART NUMBERS (DIM CHIP)

- Designed to be used with TILT® Driver
- Limits driver wattage through control circuit
- Easily configured in minutes
- 4 Preset dimming levels
- Limits both light output and corresponding wattage
- If using Dim Chip, 0-10V dimming is not an option
- Custom settings available with driver wattage levels set to customer request (Part# DCOS)
- 5-year warranty



Part#	Setting #0	Setting #1	Setting #2	Setting #3
DC01	100% of driver wattage	85% of driver wattage	75% of driver wattage	50% of driver wattage
DC02	100% of driver wattage	75% of driver wattage	50% of driver wattage	25% of driver wattage
DC02	100% of driver wattage	50% of driver wattage	30% of driver wattage	10% of driver wattage
DCOS*	Custom	Custom	Custom	Custom

* Contact Lauren Illumination for custom Dim Chip application



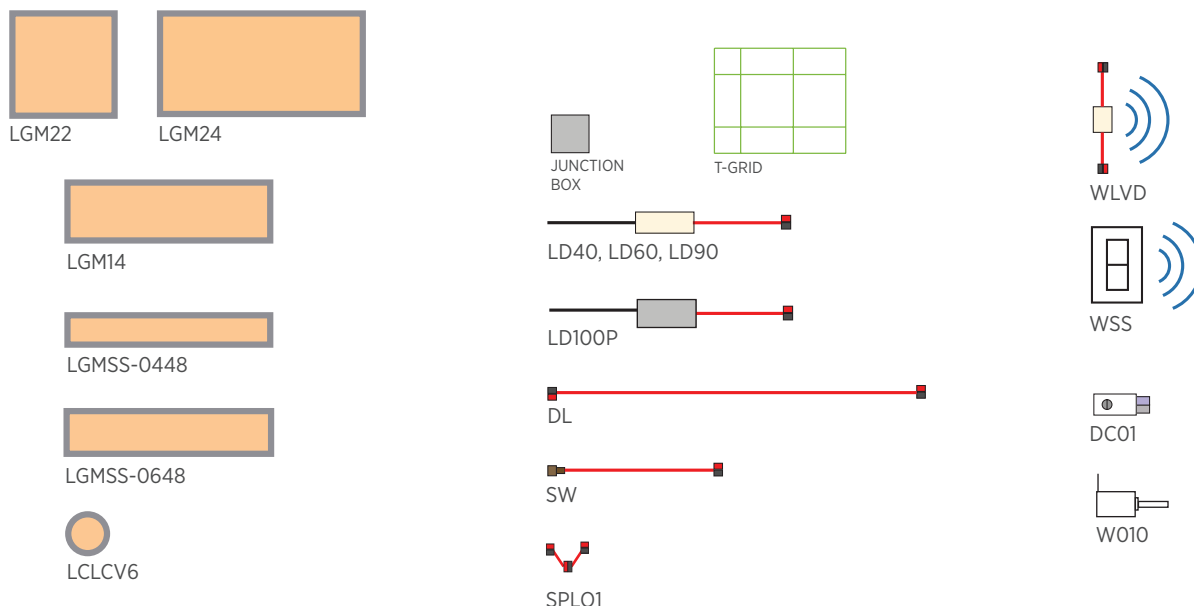
TDC Companies, Inc.
TILT® LED Linear Series



Ohio History Center
TILT® LED Panels

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. 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.



SMALL SPACE - MEDIUM LIGHT

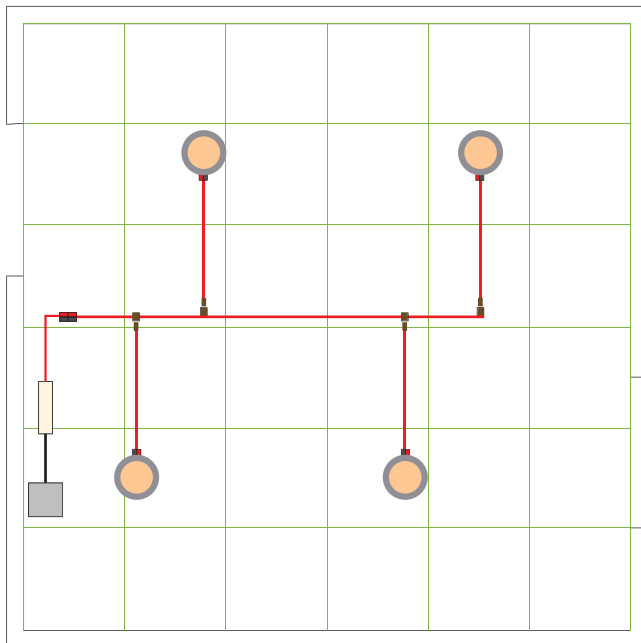
Less than 150 sq ft. 4 source lighting and remote drivers

Wattage

28 (6" cans - total)

Parts List

4 PCS - LCLCV635W-HE
1 PCS - LD40
1 PCS - DL15
3 PCS - SW24



LINEAR PANELS SMALL SPACE - MEDIUM LIGHT

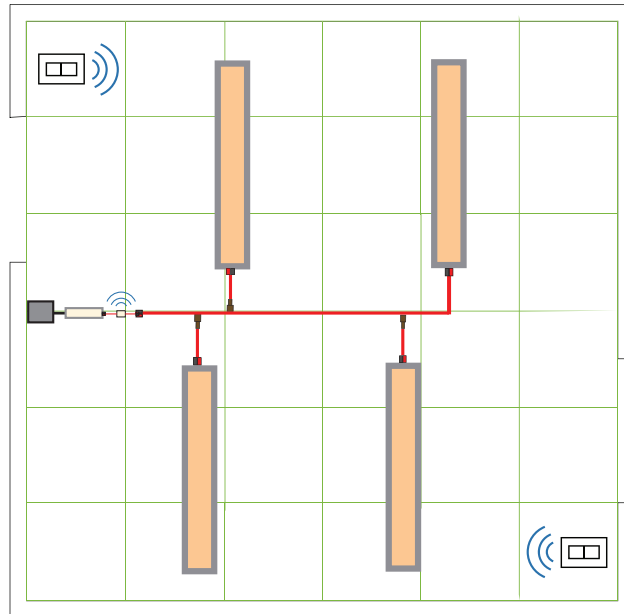
Over 144 sq ft. 4 point lighting source, remote driver and WLVD

Wattage

96 (Four 4"x48" panels)

Parts List

4 PCS - LGMSS40W-0448-HE
1 PCS - LD100P
1 PCS - DL10
3 PCS - SW24
1 PCS - WLVD
2 PCS - WSSW



LINEAR PANELS HALLWAY SPACE - MEDIUM LIGHT

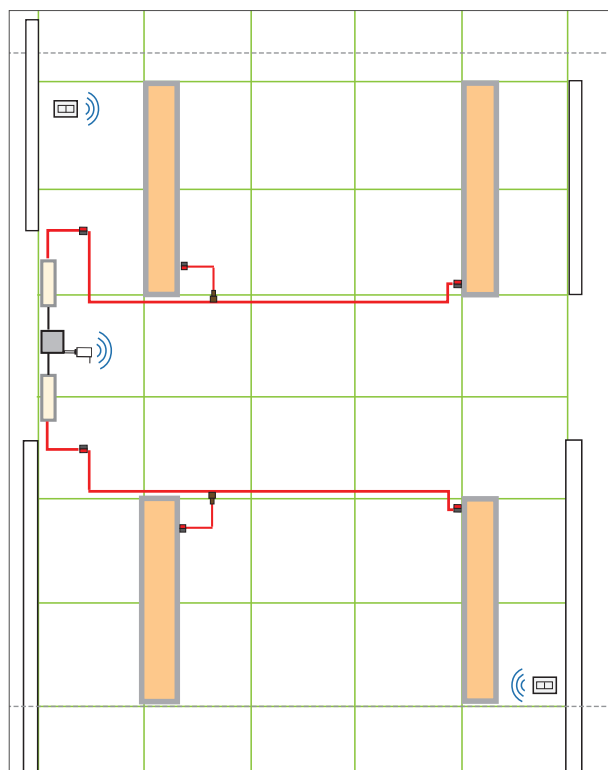
Over 300 sq ft. 4 point lighting source, remote drivers and W010-500

Wattage

108 (Four 6"x48" Linear panels)

Parts List

4 PCS - LGMSS40W-0648-HE
2 PCS - LD60
2 PCS - DL10
2 PCS - SW24
1 PCS - W010-500
2 PCS - WSSW



MEDIUM SPACE - HIGH TO MEDIUM LIGHT

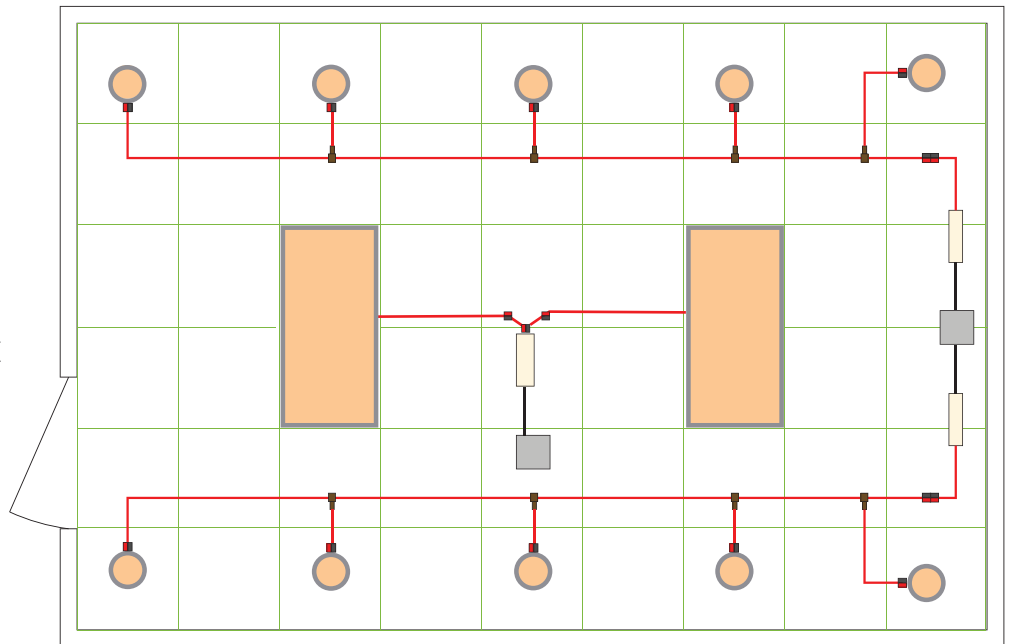
Between 150 sq ft. and 300 sq ft. centralized drivers (2'x4' panel) and multi-drive branch circuit (6" can)

Wattage

70 (6" cans)
90 (2'x4' panels)
160 (Total)

Parts List

2 PCS - LGM2435W-HE
1 PCS - LD90
10 PCS - LCLCV635W-HE
2 PCS - LD40
2 PCS - DL20
8 PCS - SW24
1 PCS - SPL01
2 PCS - EXT04



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%.

Wattage

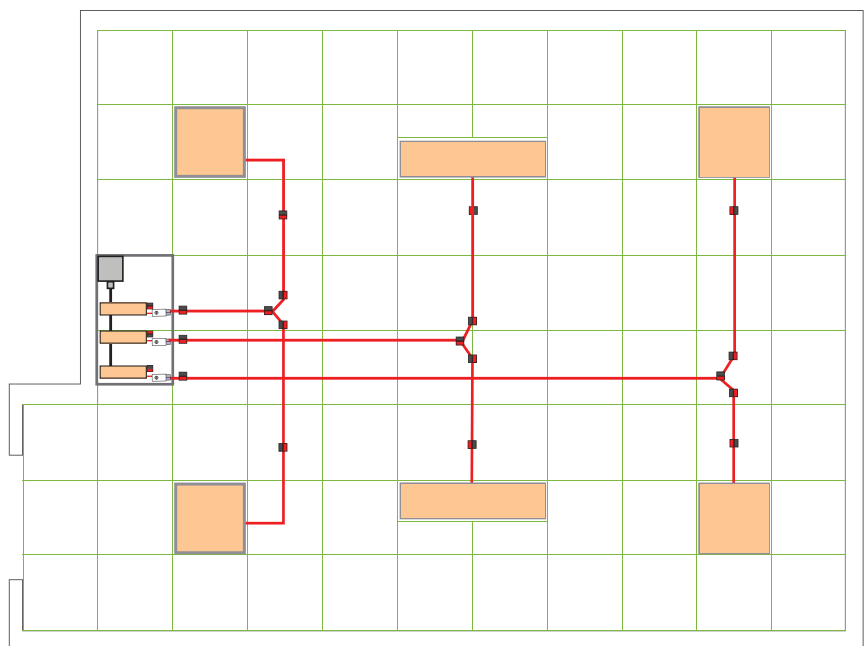
60 (2'x2' panels)
32 (1'x4' panels)
92 (Total with Dim Chip at 50%)

Parts List

4 PCS - LGM2235W-HE
2 PCS - LGM1435W-HE
3 PCS - SPL01
6 PCS - EXT04
1 PCS - DL10
1 PCS - DL15

Driver Board

2 PCS - LD60
3 PCS - DC02
1 PCS - LD90





TILT® vs Conventional Lighting

TILT® Leads the Low-Voltage Lighting Revolution

TILT is a plug and play, low-voltage commercial lighting system that will save you time and money.

A COMPARISON

	CONVENTIONAL LIGHTING	TILT®
INSTALL TIME	16 HRS	1 HR
LABOR COST	\$1200	\$73
TOTAL COST	\$1955	\$993



THE STUDY

Lauren Illumination conducted a detailed study to compare the total installed cost of its' TILT low voltage plug and play commercial lighting system to the cost of a conventional lighting system.

METHODOLOGY

To make this comparison, Lauren used a simple lighting project that would not provide a particular advantage to either system and could be fairly extrapolated to larger lighting projects. The project used was the installation of nine 2'X2' LED light panels into a grid ceiling, in a 26'X26' office area. For both installations, branch circuit wiring was brought from the panel to the corner of the room, above the grid, prior to installation. In addition, all required lights and drivers, controls and other materials for both installations were priced at Distributor Net cost.

The time required to install the conventional lighting was determined by obtaining quotes from four independent electrical contractors. Each quote included a break-out of the labor hours required to complete the project. This Case Study used the lowest number of hours among the four quotes and the average quoted labor charge of \$75 per hour.

The time required to install the TILT system was determined by conducting a detailed walk-through and time study of that installation, at a normal pace.* The \$75 per hour labor charge for the conventional installation was also used for the TILT installation.

CONCLUSION

According to this Case Study, the TILT system installed in 58 minutes, while the conventional system required 16 hours (lowest of 4 quotes ranging from 16-20 hours). TILT's speed of installation leads to a total installed cost that is half the cost of conventional lighting:

	Conventional	TILT	
Panels/Drivers/Control/Switch	\$604	\$741	
TILT Install Materials	—	\$135	
Conventional Install Materials	\$151	\$44	
Total Material	\$755	\$920	+22%
Total Labor (@\$75/hour)	\$1,200	\$73	-94%
Total Installed Cost	\$1,955	\$993	-49%



TILT® vs Conventional Lighting

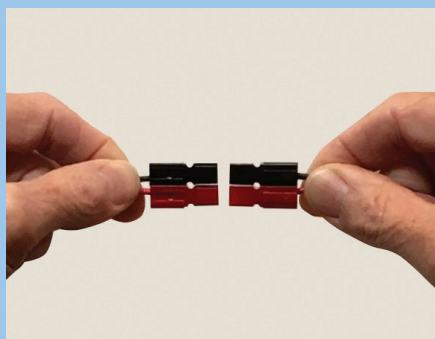
WHY DOES TILT® INSTALL SO MUCH FASTER?

TILT's speed of installation is due to three primary factors:

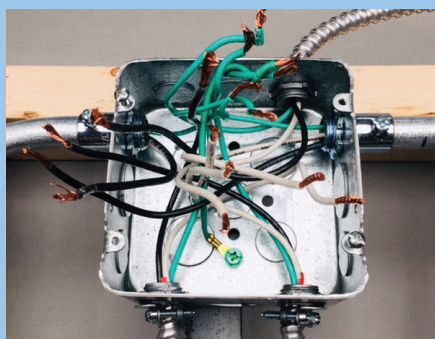
- Wiring of the TILT system is done through a series of plug and play wired components that are produced in our facility and snap together on-the-job in a matter of seconds. Conventional lighting requires many tedious and time consuming tasks to be performed on-the-job, including measuring, cutting and bending metal conduit; installation of junction boxes; and measuring, feeding, looping, cutting, stripping and connecting individual strands of wire.
- Conventional lighting is powered by standard 120 to 277 AC line voltage and is required by code to be anchored to the ceiling or substrate. The TILT low voltage system poses no threat of shock or fire hazard and is not required by code to be anchored to the ceiling or substrate, eliminating this time consuming and tedious process.
- TILT uses thin and flexible, plenum rated Class 2 wire, which easily navigates through crowded plenum spaces. Conventional lighting requires that metal conduit be measured, bent, cut and connected on-the-job to work around obstacles in the plenum space.

THE "WIN-WIN"

This Case Study demonstrates the dramatic savings generated by the TILT low voltage plug and play commercial lighting system. These savings can be shared by developer/owners and contractors, making TILT a "win-win" for both. Developer/owners significantly reduce their project cost, while contractors win more bids and dramatically increase their profitability. Both parties significantly reduce the project timeline.



TILT Plug and Play



Conventional Wiring

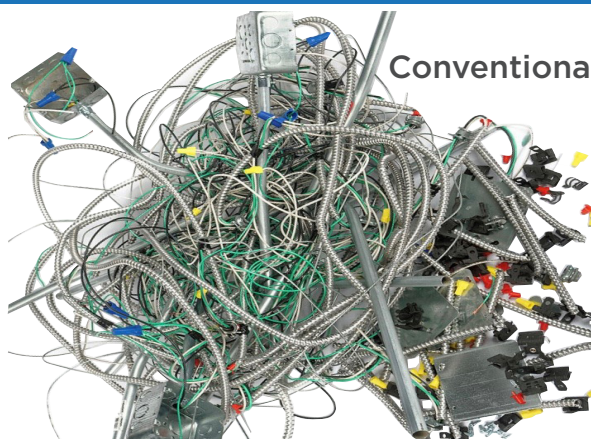
Material Used In Case Study

TILT®



VS

Conventional





TILT / LIGHTING TECHNOLOGY

TILT®
PLUG & PLAY
LIGHTING SYSTEM



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