



LLS recessed linear lighting system

Features and Specifications

Construction:

- Suitable for (IC) insulated ceiling installation (low & med power only)
- Precision fabricated steel housing requires no field cutting – Contractor friendly!
- Plug-and-play wiring for continuous runs
- Frosted acrylic diffuser offers high light transmission of over 85% - available as regress or snap-on flush mount
- New Multi-Color Tuning LED board arrays – Field selectable 3000K, 3500K, or 4000K

Listing & Ratings:

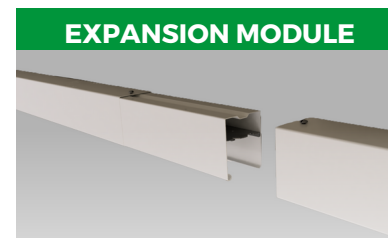
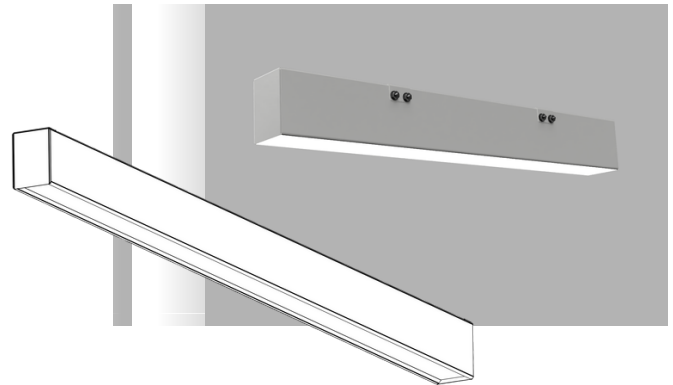
- All electrical components are U.L. listed or recognized
- All fixtures are U.L. Certified and Union made in the USA
- Meets Build America, Buy America Act (BABA)

Driver:

- Universal voltage 120-277V standard
- Custom driver tuning available for specific lumen requirements
- 0-10V or Lutron dimming optional

Warranty:

- 5 years - part replacement only (see our terms & conditions page at www.lamarled.com for details)



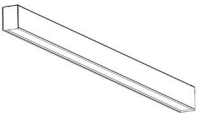
EXPAND 1 TO 22 INCHES



Ordering Guide / Example

LLSB-48-2-M-MCT-G

* LLSB - Base Module w/ends

Series	Length	Width	Power	CCT	Ceiling Type	General Options
LLSB 	22 = 22" 24 = 2' nominal 36 = 3' nominal 48 = 4' nominal 72 = 6' nominal 96 = 8' nominal	2 = 2.5" 4 = 4" 6 = 6" CW = Custom width, consult factory	L = Low M = Medium H = High	MCT = Field Selectable CCT 3000K, 3500K or 4000K (80 CRI) 30K90 = 3000K 90CRI 35K90 = 3500K 90CRI 40K90 = 4000K 90CRI TW = Tuneable White 2700K-6500K (Min Qty Applies)	G = Standard 15/16" T-Bar SG = Slot-Grid T-Bar F = Flanged (Dry-Wall) SF = Spackle-flange (Mud-in)	DTD = 0-10V Dim to Dark FL = Flush Lens CR = Continuous roll snap-in flush lens (2.5 or 4" only) 150ft max field cuttable GCR = Continuous roll snap-in flush lens w/glare control (2.5 or 4" only) 150ft max field cuttable

Ordering Guide / Example

LLSC-2-M-MCT-G

* LLSC - Corner Module

Series	Width	Power	CCT	Ceiling Type	General Options
LLSC6 = Corner (90 deg) - 6.65" leg LLSC11 = Corner (90 deg) - 11" leg LLSC24 = Corner (90 deg) - 24" leg LLSCA = Corner (Adjustable from 0-330 deg-11" leg) 	2 = 2.5" 4 = 4" 6 = 6" CW = Custom width, consult factory	L = Low M = Medium H = High	MCT = Field Selectable CCT 3000K, 3500K or 4000K 30K90 = 3000K 90CRI (11 & 24" only) 35K90 = 3500K 90CRI (11 & 24" only) 40K90 = 4000K 90CRI (11 & 24" only) TW = Tuneable White 2700K-6500K (Min Qty Applies)	G = Standard 15/16" T-Bar SG = Slot-Grid T-Bar F = Flanged (Dry-Wall) SF = Spackle-flange (Mud-in)	DTD = 0-10V Dim to Dark FL = Flush Lens CR = Continuous roll snap-in flush lens (2.5 or 4" only) 150ft max field cuttable GCR = Continuous roll snap-in flush lens w/glare control (2.5 or 4" only) 150ft max field cuttable

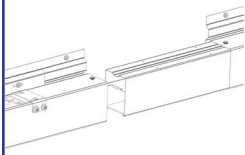
* Note: Joiners required between base units or base units and corners, T's or X's - does not add to overall length of run

Specifications subject to change without notice - Rev 0825

Ordering Guide / Example

LLSE-1-2-M-MCT-G

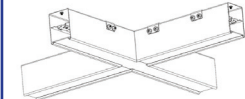
LLSE - Expansion Module

Series	Width	Power	CCT	Ceiling Type	General Options
LLSE1 = Expansion module up to 11" LLSE2 = Expansion module up to 22" 	2 = 2.5" 4 = 4" 6 = 6" CW = Custom width, consult factory	L = Low M = Medium H = High	MCT = Field Selectable CCT 3000K, 3500K or 4000K 30K90 = 3000K 90CRI 35K90 = 3500K 90CRI 40K90 = 4000K 90CRI TW = Tuneable White 2700K-6500K (Min Qty Applies) 22" model only	G = Standard 15/16" T-Bar SG = Slot-Grid T-Bar F = Flanged (Dry-Wall) SF = Spackle-flange (Mud-in)	DTD = 0-10V Dim to Dark FL = Flush Lens CR = Continuous roll snap-in flush lens (2.5 or 4" only) 150ft max field cuttable GCR = Continuous roll snap-in flush lens w/glare control (2.5 or 4" only) 150ft max field cuttable

Ordering Guide / Example

LLSX-2-M-MCT-G

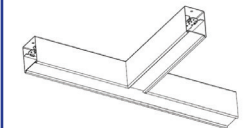
* LLSX - Cross Module (fully illuminated diffuser)

Series	Width	Power	CCT	Ceiling Type	General Options
LLSX = Cross 	2 = 2.5" 4 = 4" 6 = 6" CW = Custom width, consult factory	L = Low M = Medium H = High	MCT = Field Selectable CCT 3000K, 3500K or 4000K 30K90 = 3000K 90CRI 35K90 = 3500K 90CRI 40K90 = 4000K 90CRI TW = Tuneable White 2700K-6500K (Min Qty Applies)	G = Standard 15/16" T-Bar SG = Slot-Grid T-Bar F = Flanged (Dry-Wall) SF = Spackle-flange (Mud-in)	DTD = 0-10V Dim to Dark FL = Flush Lens CR = Continuous roll snap-in flush lens (2.5 or 4" only) 150ft max field cuttable GCR = Continuous roll snap-in flush lens w/glare control (2.5 or 4" only) 150ft max field cuttable

Ordering Guide / Example

LLST-2-M-MCT-G

* LLST - T-Split Module (fully illuminated diffuser)

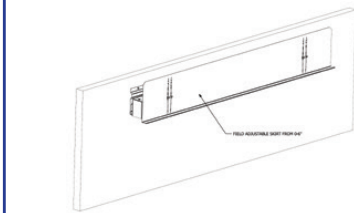
Series	Width	Power	CCT	Ceiling Type	General Options
LLST = T-Split 	2 = 2.5" 4 = 4" 6 = 6" CW = Custom width, consult factory	L = Low M = Medium H = High	MCT = Field Selectable CCT 3000K, 3500K or 4000K 30K90 = 3000K 90CRI 35K90 = 3500K 90CRI 40K90 = 4000K 90CRI TW = Tuneable White 2700K-6500K (Min Qty Applies)	G = Standard 15/16" T-Bar SG = Slot-Grid T-Bar F = Flanged (Dry-Wall) SF = Spackle-flange (Mud-in)	DTD = 0-10V Dim to Dark FL = Flush Lens CR = Continuous roll snap-in flush lens (2.5 or 4" only) 150ft max field cuttable GCR = Continuous roll snap-in flush lens w/glare control (2.5 or 4" only) 150ft max field cuttable

Ordering Guide / Example

LLSP-4-2-G

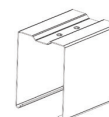
LLSJ-2

LLSP - Perimeter Accessories

Series	Length nominal	Ceiling Type	Notes
LLSP = Perimeter Skirt Adjustable 0-6" 	2 = 2ft 3 = 3ft 4 = 4ft 6 = 6ft total (2 3ft panels) 8 = 8ft total (2 4ft panels) IC = Inside Corner OC = Outside Corner E = Extender (cut in field)	G = Standard 15/16" T-Bar SG = Slot-Grid T-Bar	

* LLSJ - Joiner

LLSJ-2 = Joiner for 2.5" models T-Bar
LLSJ-4 = Joiner for 2.5" models T-Bar
LLSJ-6 = Joiner for 2.5" models T-Bar
 Consult factory for custom widths



* Note: Joiners required between base units or base units and corners, T's or X's - does not add to overall length of run

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Performance per Linear Foot at 3000K

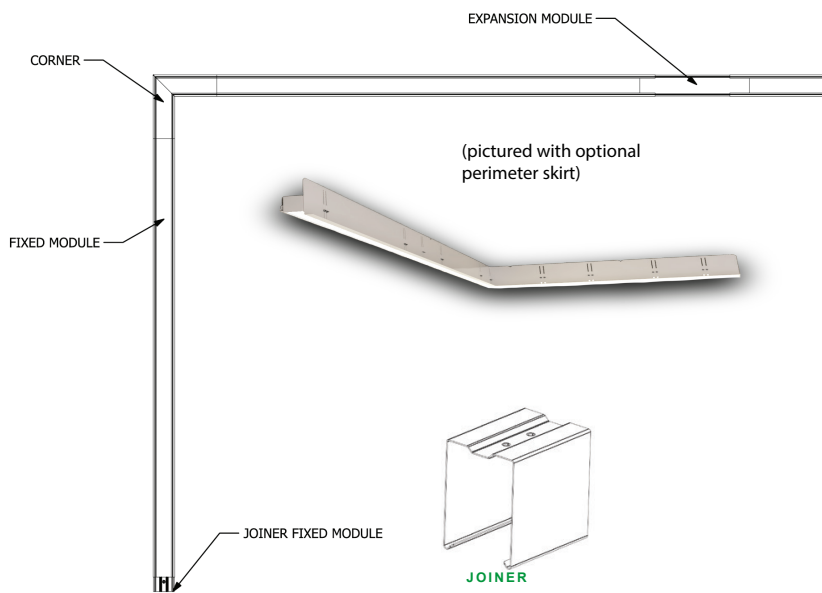
Nominal Lumen Output	Input Watts*	Efficacy
400 lm/ft	3.6 W/ft	110 lm/W
500 lm/ft	4.6 W/ft	109 lm/W
750 lm/ft	7.0 W/ft	106 lm/W

Lumen Multipliers

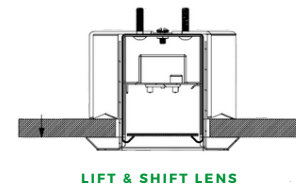
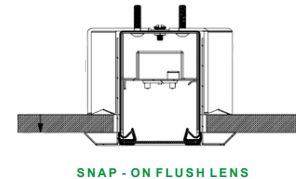
3500K	1.02
4000K	1.04

* Based on a 4 foot luminaire using one driver w/MCT boards
Please consult factory for custom lumen output and wattage.

LLS Components

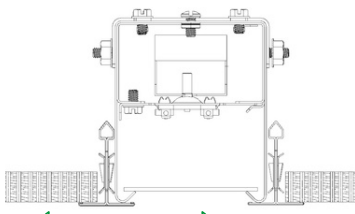


WIDTH	HEIGHT
2.5"	3.2"
4"	4"
6"	6"

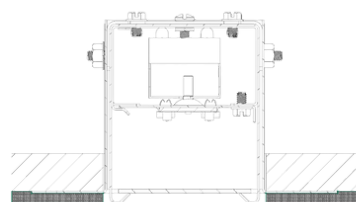


ADAPTS TO MOST CEILING TYPES

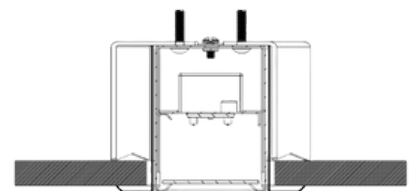
RECESSED T-BAR



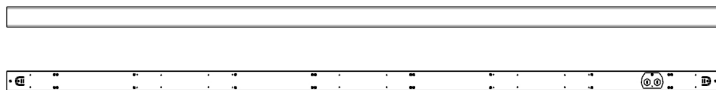
SPACKLE (MUD)-FLANGE



VISIBLE-FLANGE

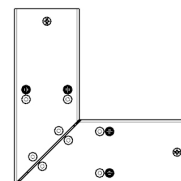
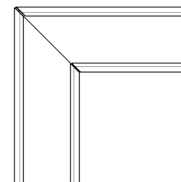


BASE UNITS



MODEL	LENGTH
LLSB22	22.00"
LLSB24	22.88"
LLSB36	34.32"
LLSB48	45.75"
LLSB72	68.60"
LLSB96	91.50"

CORNERS



MODEL	LEG LENGTH
LLSC6	6.80"
LLSC11	11.30"
LLSC24	24.60"

JOINER



MODEL	LENGTH
LLSJ	3.00"

EXPANSION UNITS



MODEL	LENGTH
LLSE1	11.44"
LLSE2	22.88"

