



Customer Name	Date
Project Name	
Catalog Number	



## ALLUSION SERIES

### Linear Recessed Slot

**Allusion Recessed** is an architectural linear recessed platform offering long life, high efficiency, and enhanced color rendering provided by the included TriGain® technology. A variety of lens, intersection, housing color and accessory options are an ideal package for any specifier or architect's tool box.

### CONSTRUCTION

<b>Housing:</b>	Aluminum extruded housing. Diecast endcaps.
<b>Lens:</b>	Impact resistant flush, glow, and wall wash lenses. Powdercoated metal louvers.
<b>Paint:</b>	Powder painted, standard Black/White/Silver. Custom colors available
<b>Weight:</b>	8-22 Lbs
<b>Optical Assembly</b>	Precision formed high efficiency reflector and optical diffuser

### OPTICAL SYSTEM

<b>Delivered Down Lumens:</b>	400-1100 lm/LFT 100 lumen Increments per linear foot (LFT)
<b>Down Distribution Pattern:</b>	Medium, Louver (no lens), Glow, Wall Wash
<b>System Efficacy (LPW):</b>	>90 LPW
<b>CCT:</b>	3000K, 3500K, 4000K, 5000K
<b>CRI (Min):</b>	TriGain® 90, 90
<b>Color Consistency</b>	4 Step MacAdam Ellipse

### LUMEN AMBIENT TEMPERATURE

Product ID	Operating Temperature
LALS	-10° TO 30° C

### ELECTRICAL

<b>Input Voltage:</b>	120-277V, 347V
<b>Input Frequency:</b>	50/60Hz
<b>Standard Dimming Control:</b>	0-10V, Daintree Wireless Controls, Lutron Ecosystem
<b>Power Factor (PF)*:</b>	> 90%
<b>Total Harmonic Distortion (THD)*:</b>	< 20%
<b>EMBB</b>	Integral EMBB (optional)
<b>Maximum Run Length</b>	100 ft per 1 powerdrop

\* System PF and THD specified at rated watts

### CONTROLS

<b>Dimming:</b>	Standard - 0-10V, 1% Daintree® Wireless Lutron Ecosystem, Hi lume 1%
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### MOUNTING

- T-Grid or Drywall
- For Drywall applications, corner bead to finish drywall is not provided by manufacturer - must be provided by the installer. Refer to Installation Guide
- Adjustable brackets allow for user-determined fixture reveal
- Drywall configurations are secured to the structure and the adjacent ceiling. A LED cover is provided for protection of the interior components

### ADDITIONAL NOTES

- No visible LEDs for for MM, GL, and WW down light lens options
- Use UL/cUL approved conduit fittings for 1/2" conduit trade size
- Suitable for dry and damp locations
- IC-Rated

# ALLUSION SERIES

Linear Recessed Slot



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## Catalog Logic

**LALR**      **A**      **NA**      **00**

FAMILY	FIXTURE WIDTH	FIXTURE LENGTH	GEN.	VOLTAGE	UP LIGHT DISTRIBUTION	UP LIGHT LUMENS/FOOT	DOWN LIGHT DISTRIBUTION	DOWN LIGHT LUMENS/FOOT	CRI/CCT	CONTROLS	MOUNTING	FINISH	OPTIONS
LALR	2 = 2 inch 4 = 4 inch	2 <sup>1/2</sup> = 2 Length 4 <sup>4</sup> = 4 Length 5 = 5 Length 6 = 6 Length 8 = 8 Length	A	0 <sup>3/0</sup> = 120-277V D = 347V	NA = No Uplight	00 = No Uplight	MM = Medium Flush Lens LW <sup>2/3</sup> = Louver, Matte White GL = Glow Lens (1/2 inch) WW <sup>8</sup> = Wall Wash	10 = 1,000 LM/FT 09 = 900 LM/FT 08 = 800 LM/FT 07 = 700 LM/FT 06 = 600 LM/FT 05 = 500 LM/FT 04 = 400 LM/FT	830 = 83 CRI 3000K T35 = TriGain® 3500K T40 = TriGain® 4000K	VQ <sup>8</sup> = 0-10V no controls TQ <sup>2</sup> = Wireless Enabled, Daintree Compatible TS <sup>3</sup> = Wireless Enabled, W/Daintree WFA100	TS = T-Grid Starter/Stand Alone TC = T-Grid Continuous DS = Drywall (Trimless) Starter/Stand Alone DC = Drywall (Trimless) Continuous  Patterns: L9 <sup>2/4/6/8</sup> = 90° L Intersection	WHITE = White BLCK = Black SLVR = Silver	BLANK = No Options EL <sup>4</sup> = Emergency Light CP <sup>7</sup> = Chicago Plenum

### Ordering Notes:

- 2ft length must have a minimum 800lm/ft. 2ft is available in Stand Alone/Starter (TS/DS mounting options).
- Louvers (LW option) are field installed and have no lens. Refer to Kits Section.
- Daintree controls (TQ or TS option) are only available with 120-277V (0 voltage option).
- Corner fixture (L9 option) is only available in 4ft length (length option 4). Refer to Dimensional information. Verify T-Grid dimensional information for proper layout.
- Contact manufacturer for quote on custom colors. Additional lead times and minimum order quantities are applicable.
- Integral Emergency Battery (EL option) only available with 120-277V (0 voltage option) and 0-10V controls (VQ option). EL is not available for 2ft lengths or Corner fixtures (L9 option).
- Chicago Plenum (CP option) meets CCEA requirements.
- Corner fixture (L9 option) with Wall Wash (WW) or Louver (LW) not available.

# ALLUSION SERIES

Linear Recessed Slot



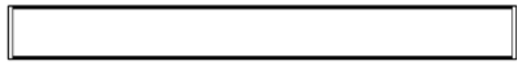
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## Dimensional Drawings

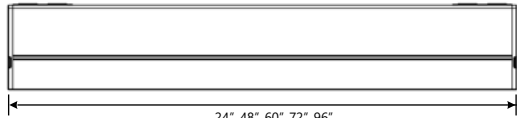
### LALR2 / LALR4



TOP VIEW

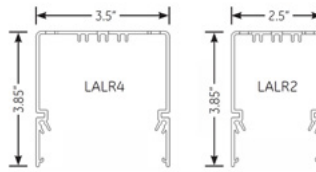
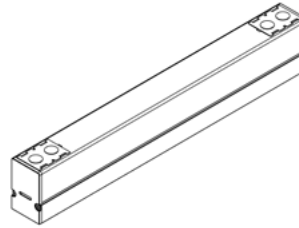


BOTTOM VIEW



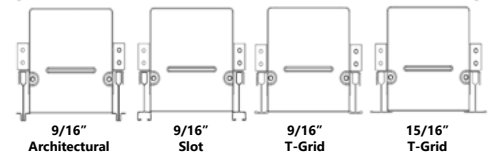
SIDE VIEW

24", 48", 60", 72", 96"



FRONT/PROFILE

### T-GRID MOUNTING DETAILS



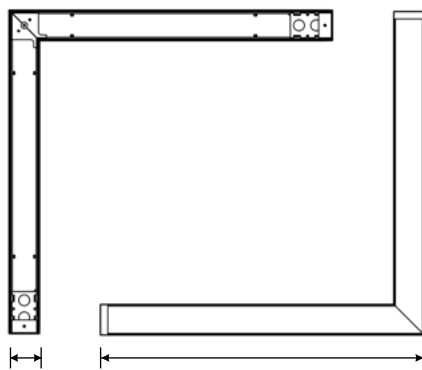
- LALR2 - T-Grid mounted 3" on center
- LALR4 - T-Grid mounted 4" on center

\*See installation notes

## MOUNTING

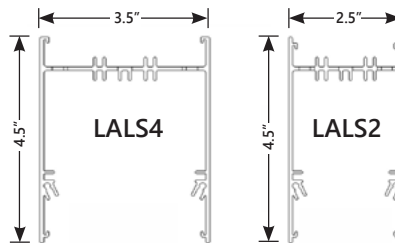
- Stand Alone/Starter dimensions are 3/8" shorter than specified length to allow for proper grid installation and include a pair of endcaps
- Each row of connected fixtures requires one Stand Alone/Starter Fixture and the necessary quantity of Continuous fixtures to make the necessary length

### LALR CORNER INTERSECTION



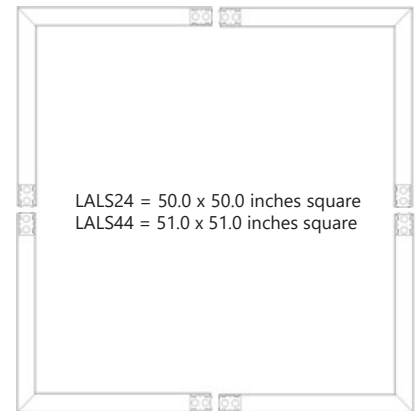
LALS24 - 2.5in  
LALS44 - 3.5in

LALS24 - 25in  
LALS44 - 25.5in



LALS4

LALS2



LALS24 = 50.0 x 50.0 inches square  
LALS44 = 51.0 x 51.0 inches square

## MOUNTING

- Fixture is provided with (2) Knockout plates, (4) T-Grid Brackets, (4) Drywall brackets, and Male/Male and Female/Female jumper harnesses
- LALR Corner fixtures are Continuous and are intended to be installed with additional luminaires. a started fixture is recommended to provide end caps and power connections
- Note: If no Starter fixtures are needed, a Leader Cable Kit #93120219 will need to be ordered separately. (see "Kits" section in **IND546 LAL Series - Replacement Guide** for additional information)

# ALLUSION SERIES

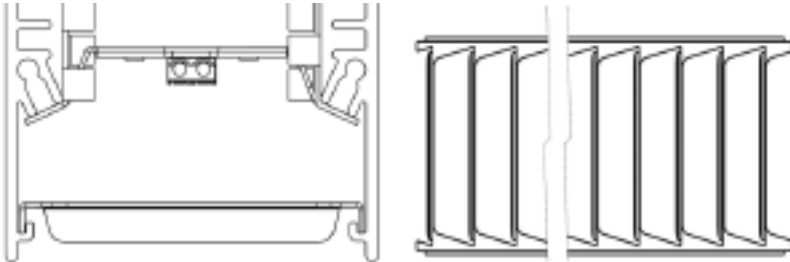
Linear Recessed Slot



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## Dimensions

### Louvers (LW option)

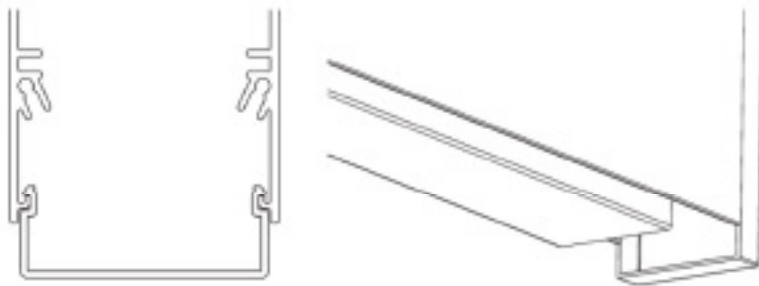


Louver Length = 11 inches  
ONE used in every LALR Starter Fixture

Louver Length = 12 inches  
Multiples used in LALR Continuous Fixtures, depending on fixture length

- Provided in separate packs with fixtures, to be installed on site (see Install Guide for proper orientation).
- Louvers are matte white painted finish.
- Louvered fixtures do not have a lens.

### Glow Lens (GL option)



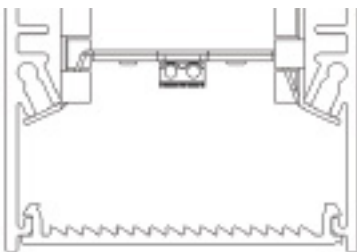
Length of Glow Lens is equal to fixture lengths available

**Note:** All Starter Fixtures (TS/DS) are provided with Glow Lens end caps.



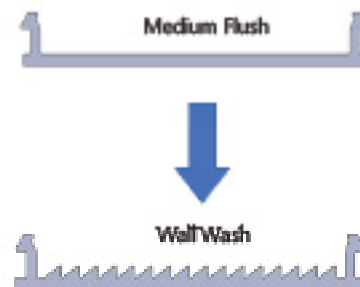
Glow endcaps are larger than flush lens end caps

### Wall Wash (WW option)



Length of Wall Wash Lens is equal to fixture lengths available

**Note:** All Starter Fixtures (TS/DS) are provided with flush lens end caps.





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## Performance

### LALR2 Down Light\*

Product Width & Length	CAT Logic	Lm/ft	Nominal Lumens	4000K TriGain* Wattage	3500K TriGain* Wattage	3000K Standard Wattage
22	05	000	1000	16.7	17.2	18.2
22	09	900	1000	18.9	19.7	20.4
22	10	1000	2000	21.2	22.0	23.0
24	04	400	1000	15.1	15.6	16.4
24	05	500	2000	19.2	19.7	20.8
24	06	600	2400	23.1	23.6	25.1
24	07	700	2800	27.1	27.9	29.4
24	08	800	3200	31.2	32.3	33.8
24	09	900	3600	35.3	36.6	38.4
24	10	1000	4000	40.5	41.8	43.9
25	04	400	2000	18.8	19.3	20.2
25	05	500	2500	23.4	24.2	25.4
25	06	600	3000	28.3	29.3	30.8
25	07	700	3500	33.5	34.5	36.2
25	08	800	4000	38.7	39.9	41.8
25	09	900	4500	44.0	45.3	47.7
25	10	1000	5000	49.2	50.7	52.4
26	04	400	2400	22.7	23.5	24.7
26	05	500	3000	28.7	29.8	31.3
26	06	600	3600	35.0	36.3	37.8
26	07	700	4200	41.4	42.8	44.6
26	08	800	4800	47.7	49.2	51.7
26	09	900	5400	54.3	56.0	58.0
26	10	1000	6000	61.0	62.8	65.1
28	04	400	3200	28.3	29.2	31.6
28	05	500	4000	36.7	37.7	39.6
28	06	600	4800	44.4	46.0	48.3
28	07	700	5600	52.6	54.7	57.7
28	08	800	6400	60.9	63.0	66.4
28	09	900	7200	69.6	72.1	75.0
28	10	1000	8000	78.0	77.6	77.9

### LALR4 Down Light\*

Product Width & Length	CAT Logic	Lm/ft	Nominal Lumens	4000K TriGain* Wattage	3500K TriGain* Wattage	3000K Standard Wattage
42	00	600	1000	15.2	15.7	16.4
42	00	900	1000	17.4	17.9	18.7
42	10	1000	2000	19.4	19.9	21.0
44	04	400	1000	14.9	14.9	14.9
44	05	500	2000	17.4	17.9	18.7
44	06	600	2400	21.0	21.0	22.8
44	07	700	2800	24.6	25.4	26.6
44	08	800	3200	28.4	29.4	30.7
44	09	900	3600	32.3	33.3	34.8
44	10	1000	4000	36.9	37.9	39.7
45	04	400	2000	17.1	17.6	18.5
45	05	500	2500	21.5	22.0	23.2
45	06	600	3000	25.9	26.6	28.1
45	07	700	3500	30.6	31.5	33.0
45	08	800	4000	35.2	36.2	38.2
45	09	900	4500	40.1	41.2	43.3
45	10	1000	5000	45.0	46.3	48.7
46	04	400	2400	20.7	21.3	22.4
46	05	500	3000	26.2	27.0	28.3
46	06	600	3600	31.8	32.8	34.4
46	07	700	4200	37.5	38.7	40.6
46	08	800	4800	43.4	44.8	47.0
46	09	900	5400	49.4	51.0	53.5
46	10	1000	6000	55.6	57.3	60.2
48	04	400	3200	26.7	27.4	28.8
48	05	500	4000	33.3	34.3	35.9
48	06	600	4800	40.4	41.6	43.7
48	07	700	5600	47.8	49.4	52.0
48	08	800	6400	55.3	57.1	60.2
48	09	900	7200	63.3	65.1	68.5
48	10	1000	8000	71.3	73.7	77.6

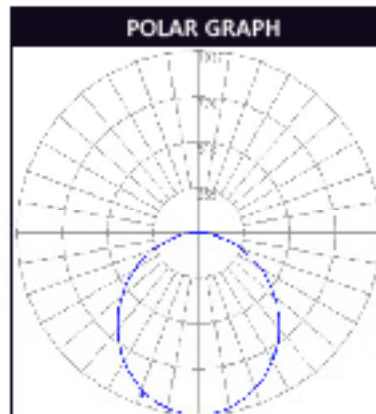
- \*NOTE: - Corner (L9) option, use LALR24 (24) or LALR44 (44) only from the Product Column in table above.  
 - Glow (GL) Option is 5% less lumens than values shown above.  
 - Wall Wash (WW) Option is 7% more lumens than values shown above.

### DOWN ONLY - MEDIUM FLUSH LENS

LALR-4-4-A-0-NA-00-MM-07-XXX-XX-WHTE-XX

ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10°	100
10-20°	208
20-30°	420
30-40°	493
40-50°	497
50-60°	488
60-70°	326
70-80°	166
80-90°	49
90-100°	0
100-110°	0
110-120°	0
120-130°	0
130-140°	0
140-150°	0
150-160°	0
160-170°	0
170-180°	0

ZONAL LUMEN SUMMARY		
Zone	Lumens	% of Fixture
0-30°	604	28
0-60°	2236	58
0-90°	2800	100
90-120°	0	0
90-150°	0	0
90-180°	0	0
0-180°	2800	100.0





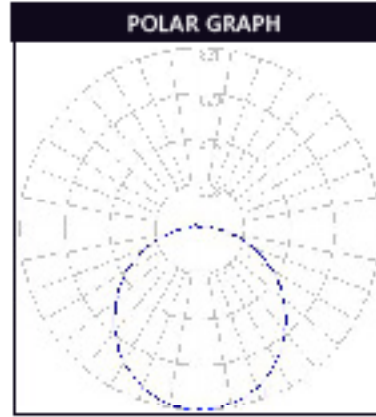
### Photometrics

#### DOWN ONLY - GLOW LENS

LALX-4-4-A-0-NA-00-GL-07-XXX-XX-WHTE-XX

ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10°	78
10-20°	224
20-30°	388
30-40°	408
40-50°	426
50-60°	396
60-70°	318
70-80°	216
80-90°	104

ZONAL LUMEN SUMMARY		
Zone	Lumens	% of Fixture
0-30°	640	24
0-60°	1857	70
0-90°	2499	94
90-120°	119	5
90-180°	140	5
90-150°	168	6
90-180°	161	6
0-180°	2660	100

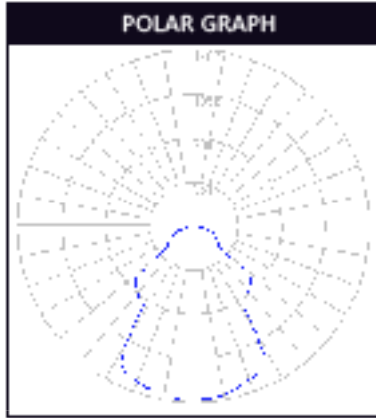


#### DOWN ONLY - WHITE LOUVERS (NO LENS)

LALR-4-4-A-0-NA-00-LW-07-XXX-XX-WHTE-XX

ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10°	190
10-20°	389
20-30°	546
30-40°	562
40-50°	507
50-60°	345
60-70°	206
70-80°	106
80-90°	27
90-180°	0

ZONAL LUMEN SUMMARY		
Zone	Lumens	% of Fixture
0-30°	1845	87
0-60°	2458	98
0-90°	2800	100
90-120°	0	0
90-150°	0	0
90-180°	0	0
0-180°	2800	100

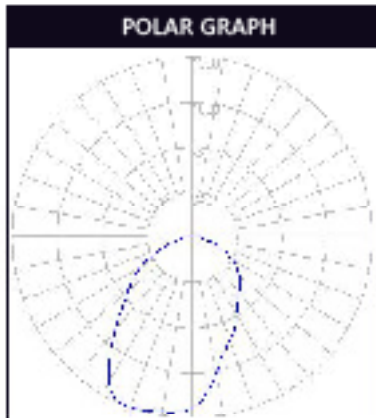


#### DOWN ONLY - WALL WASH

LALR-4-4-A-0-NA-00-WW-07-XXX-XX-WHTE-XX

ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10°	120
10-20°	380
20-30°	485
30-40°	556
40-50°	582
50-60°	448
60-70°	320
70-80°	166
80-90°	40
90-180°	0

ZONAL LUMEN SUMMARY		
Zone	Lumens	% of Fixture
0-30°	984	51
0-60°	2967	82
0-90°	2996	100
90-120°	0	0
90-150°	0	0
90-180°	0	0
0-180°	2996	100





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## Controls & Sensors

### DAINTREE CONTROLS

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- Daintree® Wireless Controls:
- There is no one size fits all for wireless controls. Some networks want simple solutions that reduce energy consumption and meet code compliance while others are more ambitious, looking to capitalize on the LED and controls savings to fund a scalable, enterprise-grade, internet of things solution. The advantage of the Daintree Wireless platform is it's ability to integrate into indoor, outdoor and high bay environments. The Daintree Wireless Controls provide the infrastructure to future proof your buildings, easily upgrade to Networked solutions and provide the ability to integrate into IoT solutions that are right for your business.
  - Daintree One: Standalone Wireless Controls
  - Daintree EZ Connect: Room-Based Wireless Lighting Controls
  - Daintree Networked: Networked Lighting Controls for Smart Building & IoT Enablement
- Daintree Wireless Controls are already integrated in your favorite Current LED fixtures. Integrating the controls into the fixture cuts labor costs considerably since the sensors are already embedded in the lighting fixtures. There's no need to get above the ceiling plenum and install additional devices. Visit our website <https://products.gecurrent.com> for a complete list of LED Fixtures that have Daintree integrated controls.

### LUTRON CONTROLS

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- **Lutron Ecosystem:** EcoSystem technology is a control method for LEDs that provides addressing of individual fixtures and status feedback from the LED drivers. This makes it easy to digitally assign occupancy sensors, daylight sensors, time clocks, manual controls and other controls to one or many fixtures without complicated wiring. This opens up an entire suite of energy-saving, system-monitoring and system-control schemes where the design, setup and rezoning are all done within software, making the electrical and control design simple.

**For Product or Technical Questions:**

E: [LIGHTINGPRODINFO@GECURRENT.COM](mailto:LIGHTINGPRODINFO@GECURRENT.COM)  
T: +1 888 694 3533, OPTION 2