



# Lumination Allusion Series Linear Suspended Slot Instruction Manual

[Home](#) » [Lumination](#) » Lumination Allusion Series Linear Suspended Slot Instruction Manual

Lumination Allusion Series Linear Suspended Slot Instruction Manual



## Contents [ [hide](#)

### 1 CONSTRUCTION

### 2 OPTICAL SYSTEM

### 3 LUMEN AMBIENT TEMPERATURE

### 4 ELECTRICAL

#### 4.1 CONTROLS

#### 4.2 MOUNTING

#### 4.3 ADDITIONAL NOTES

### 5 Catalog Logic

### 6 Product Dimensions

#### 6.1 Corner Intersection Pattern (L9 option)

### 7 Kits and Accessories

#### 7.1 OPTIONAL POWERFEED/CANOPY KIT

### 8 Performance

### 9 Photometrics

### 10 Controls & Sensors

#### 10.1 DAINTREE CONTROLS

#### 10.2 LUTRON CONTROLS

### 11 Support

### 12 Documents / Resources

#### 12.1 References

### 13 Related Posts

## CONSTRUCTION

**Housing:** Aluminum extruded housing. Diecast endcaps

**Lens:** Impact resistant Medium Flush, Glow, and Wall Wash lenses. Powdercoated metal Louvers

**Paint:** Powder painted, standard Black/White/Silver.  
Custom colors available

**Weight:** 8-22 Lbs

**Optical Assembly:** Precision formed high efficiency reflector and optical diffuser

## OPTICAL SYSTEM

**Delivered Down Lumens:** 400-1100 lm/LFT  
100 lumen Increments per linear foot (LFT)

**Down Distribution** Medium Flush, Louver (no lens),  
**Pattern:** Glow, Wall Wash

**Delivered Up Lumens:** 400-1100 lm/LFT  
100 lumen Increments per linear foot (LFT)

**Up Distribution Pattern:** Batwing

**System Efficacy (LPW):** >90 LPW

**CCT:** 3000K, 3500K, 4000K, 5000K

**CRI (Min):** TriGain® 90, 90

**Color Consistency:** 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 1%, Daintree Wireless Controls, Lutron Eco System |
| <b>Power Factor (PF)*:</b>               | > 90%                                                   |
| <b>Total Harmonic Distortion (THD)*:</b> | < 20%                                                   |
| <b>EMBB:</b>                             | Integral Emergency Battery (optional)                   |
| <b>Maximum Run Length:</b>               | 100 ft per 1 powerdrop                                  |

## CONTROLS

**Dimming:** Standard 0-10V, 1%  
Daintree® Wireless  
Lutron EcoSystem, Hi-lume 1% with Soft-on,  
Fade-to-Black

## MOUNTING

- Non-powered Cable Suspension (10ft length)
- Color-matched canopy, power and dimming cord (10ft length)

## ADDITIONAL NOTES

- No visible LEDs for for MM, GL, and WW down light lens options
- Independent (IN), single-fixtue option is available and comes with factory-installed endcaps and knockout plates. All hardware is included within fixture box
- Suitable for dry and damp locations
- Starter kits must be ordered separately and must match fixture voltage and down distribution

## Catalog Logic

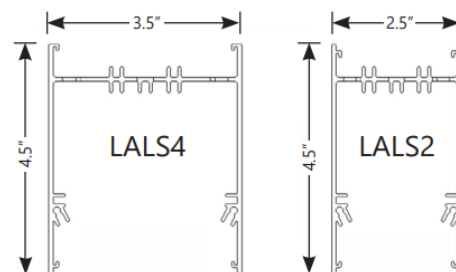
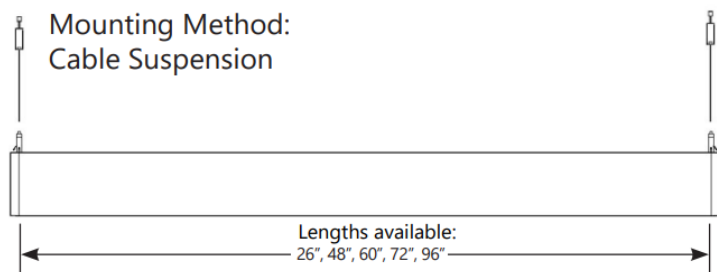
| FAMILY                   | FIXTURE WIDTH                                                                           | FIXTURE LENGTH | GEN                                 | VOLTAGE                           | UP LIGHT DISTRIBUTION                                                                                                                          | DOWN LIGHT DISTRIBUTION                                                                           | DOWN LIGHT LUMENS/FOOT                                                                                                       | T C RI/C C                                                                         | CONTROLS                                                                                                            | MOUNTING                                                      | FINISH                                        | OPTIONS                                                          |
|--------------------------|-----------------------------------------------------------------------------------------|----------------|-------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------------|
| 2 = 2 inch<br>4 = 4 inch | 21,8,11 = 2' Length<br>4 = 4' Length<br>5 = 5' Length<br>6 = 6' Length<br>8 = 8' Length | A              | 02,5 = 12<br>0-277V<br>D2,11 = 347V | BW3 = Batwing<br>NA = No Up light | 0 = 1,000 LM/FT<br>09 = 900 LM/FT<br>08 = 800 LM/FT<br>07 = 700 LM/FT<br>06 = 600 LM/FT<br>05 = 500 LM/FT<br>04 = 400 LM/FT<br>00 = No Uplight | MM = Medium Flush Lens<br>LW4,10 = Louver, Matte White GL = Glow Lens (1/2 inch) WW10 = Wall Wash | 10 = 1,000 LM/FT<br>09 = 900 LM/FT<br>08 = 800 LM/FT<br>07 = 700 LM/FT<br>06 = 600 LM/FT<br>05 = 500 LM/FT<br>04 = 400 LM/FT | 830 = 83 CRI<br>300 OK T<br>35 = TriG ain®<br>350 OK T<br>40 = TriG ain®<br>400 OK | VQ8 = 0-10V no controls<br>TQ5 = Wireless Enabled, Daintree Compatible<br>TS5 = Wireless Enabled, W/Daintree WFA100 | CM = Cable Mount, 10ft length<br>Pattern s: L94,6,8,10= 90o L | WHTE = White<br>BLCK = Black<br>SLVR = Silver | BLANK = No Options<br>EL8 = Emergency Light<br>IN9 = Independent |

### Ordering Notes:

- 2ft length must have a minimum 800lm/ft for up light and down light.
- Starter Kit must match fixture voltage, ordered separately. Refer to Kits Section.
- Batwing (BW option) is not available without lumen output (00 LM/FT option).
- Louvers (LW option) are field installed and have no lens.
- 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).
- Independent fixture (IN option) has factory installed endcaps and KO plates.  
Power cord and suspension cables are provided and must be field installed.
- Corner fixture (L9 option) with Wall Wash (WW) or Louver (LW) not available.
- 2 ft length not available with 347V option (D).

### Product Dimensions

#### Linear LALS

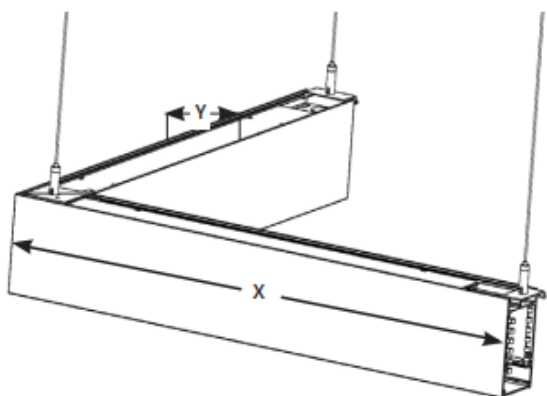


- Fixture is provided with non powered suspension kit.
- Starter kit which includes power connection, pair of end caps and additional suspension kit is required.
- If Independent (IN) option is ordered all hardware included along with factory installed endcaps.

See "Flexibility in Design" for additional information.

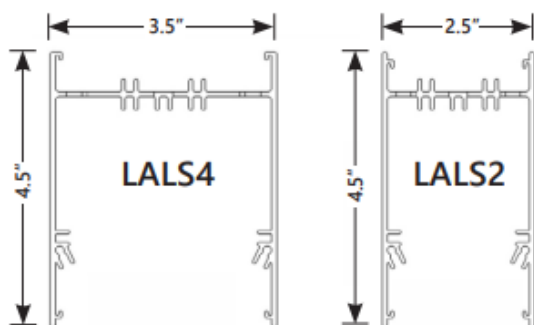
#### Corner Intersection Pattern (L9 option)

- Fixture is provided with the L9 corner specific suspension kit, linear non-power suspension kit, (2) Knockout plates, (1) male/male and (1) female/female leader cables.

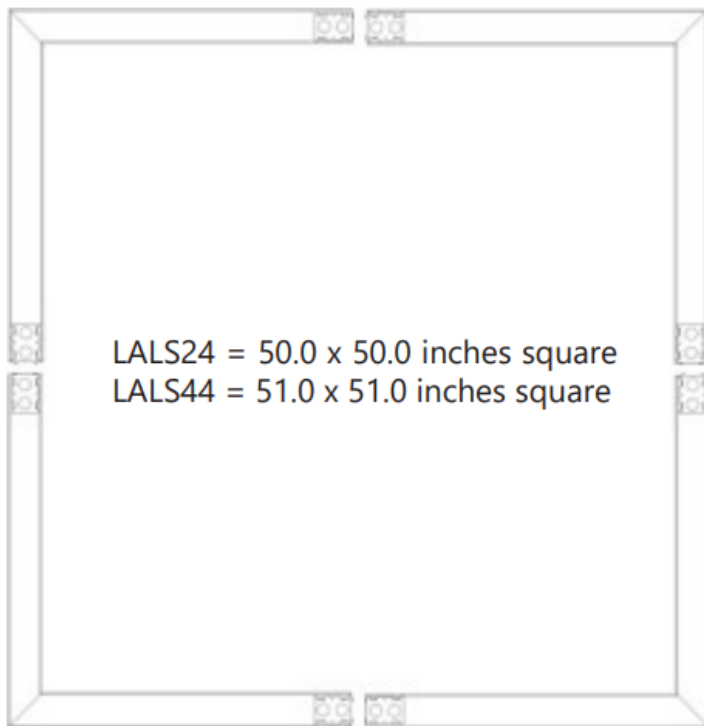


Lengths available (each leg "X" is identical):

| SKU    | X      | Y     |
|--------|--------|-------|
| LALS24 | 25.0in | 2.5in |
| LALS44 | 25.5in | 3.5in |

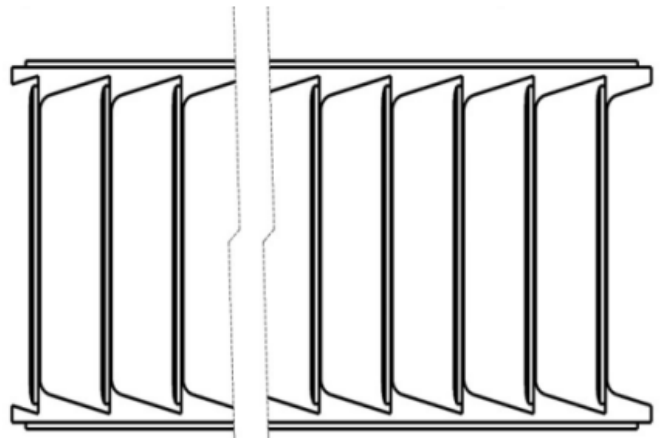
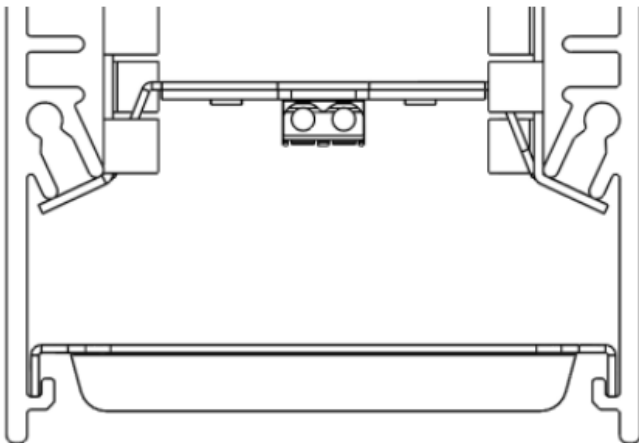


LALS Corner fixtures are continuous and intended to be installed with additional linear luminaries. A linear fixture is recommended to provide end caps and power connections.



**Note:** If no linear fixtures are needed, as shown below, need to separately order the Power feed/Canopy Kit for Independent up light control (see Kits Section in LAL Replacement Guide for additional information).

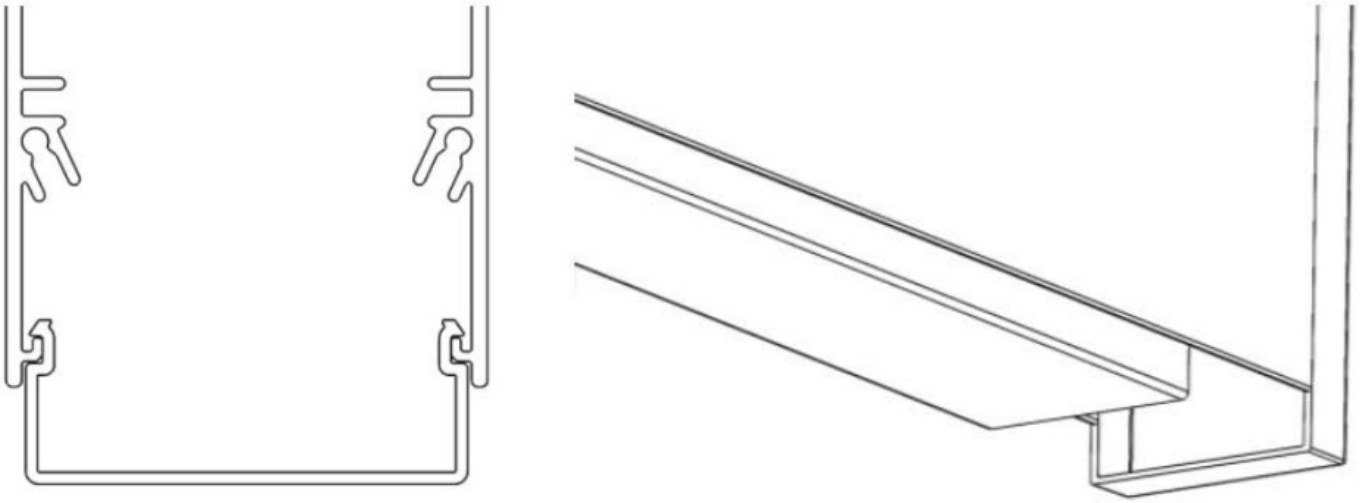
#### Louvers (LW option)



Louver Length = 12 inches  
One used per every foot in LALS fixtures

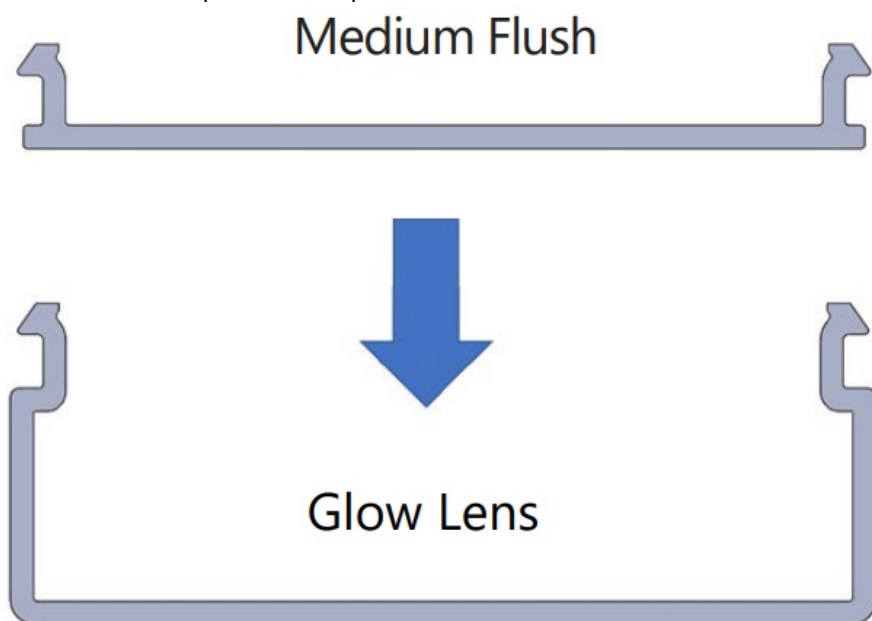
- Provided in separate packs with fixtures, to be installed on site (see Install Guide for proper orientation).
- Louvers are matte white painted finish.
- Louvered fixtures do not have a lens.

#### Glow Lens (GL option)



Length of Glow Lens is equal to fixture lengths available

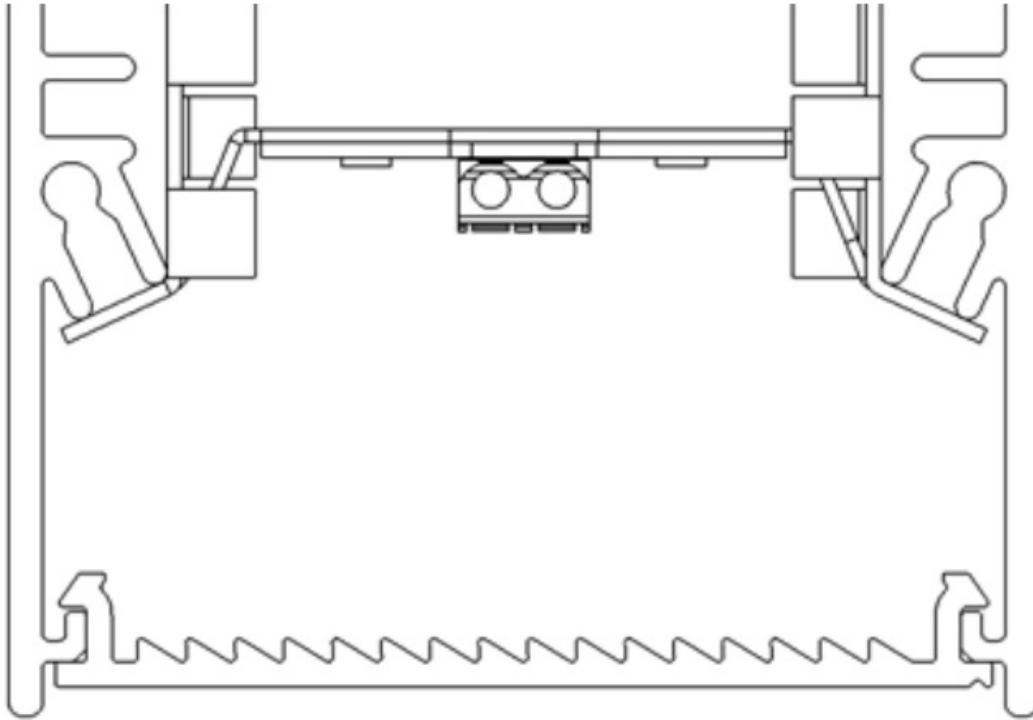
**Note:** All Glow Lens Starter Kits are provided with Glow Lens end caps. Glow Lens end caps are 1/2" larger than flush lens end caps. Refer to p. 5.\



Glow endcaps are larger than standard endcaps

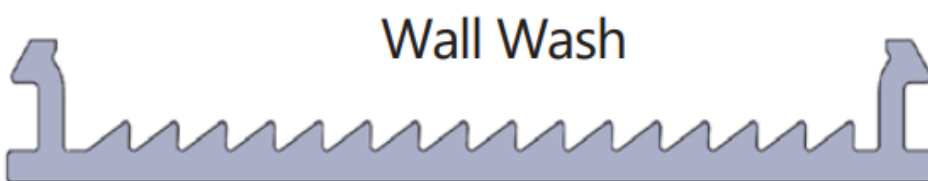
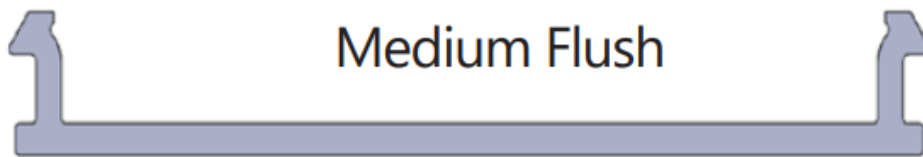
**Wall Wash (WW option)**





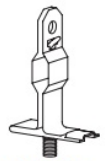
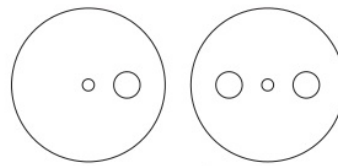
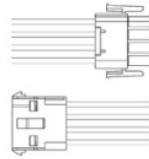
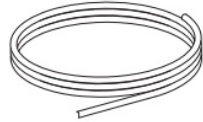
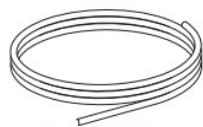
Length of Wall Wash Lens is equal to fixture lengths available

**Note:** All Wall Wash Lens Starter Kits are provided with flush lens end caps. Refer to p. 5



## Kits and Accessories

### STARTER KIT



End Caps (x2)

Mounting  
Cable (10FT)

2 conductor  
Dimming Feed  
Cable (10 FT)

4 conductor  
Power Feed  
Cable (10 FT)

## Leader Cables

Canopy Kit  
5"(diameter)

Touch Up  
Paint Pen  
(White Only)

2" Canopy  
Cover

Tbar Clip

### Pendant Bracket

| Fixture | Voltage                 | Description                                                 | Color  | Part Number |
|---------|-------------------------|-------------------------------------------------------------|--------|-------------|
| LALS2   | 120-277V<br>Voltage = 0 | MM = Medium<br>Flush Lens<br>WW = Wall Wash<br>LW = Louver  | White  | 93100034    |
|         |                         |                                                             | Black  | 93100035    |
|         |                         |                                                             | Silver | 93100156    |
|         |                         | GL = Glow Lens (0.5")                                       | Black  | 93129673    |
|         |                         |                                                             | White  | 93129674    |
|         |                         |                                                             | Silver | 93129675    |
|         | 347V<br>Voltage = D     | MM = Medium Flu<br>sh Lens<br>WW = Wall Wash<br>LW = Louver | Black  | 93119005    |
|         |                         |                                                             | White  | 93119036    |
|         |                         |                                                             | Silver | 93119037    |
|         |                         | GL = Glow Lens (0.5")                                       | Black  | 93129686    |
|         |                         |                                                             | White  | 93129687    |
|         |                         |                                                             | Silver | 93129688    |

| Fixture | Voltage                 | Description                                                 | Color  | Part Number |
|---------|-------------------------|-------------------------------------------------------------|--------|-------------|
| LALS4   | 120-277V<br>Voltage = 0 | MM = Medium<br>Flush Lens<br>WW = Wall Wash<br>LW = Louver  | White  | 93100157    |
|         |                         |                                                             | Black  | 93100158    |
|         |                         |                                                             | Silver | 93100159    |
|         |                         | GL = Glow Lens ( 0.5")                                      | Black  | 93129689    |
|         |                         |                                                             | White  | 93129690    |
|         |                         |                                                             | Silver | 93129691    |
|         | 347V<br>Voltage = D     | MM = Medium Flu<br>sh Lens<br>WW = Wall Wash<br>LW = Louver | Black  | 93119053    |
|         |                         |                                                             | White  | 93119054    |
|         |                         |                                                             | Silver | 93119055    |
|         |                         | GL = Glow Lens ( 0.5")                                      | Black  | 93129692    |
|         |                         |                                                             | White  | 93129693    |
|         |                         |                                                             | Silver | 93129694    |

**COLOR NOTES:**

White= 120-277V (18GA) & 347 (14GA): White Endcaps / White Power Cords / White Canopy Covers

Black= 120-277V (18GA) & 347 (14GA): Black Endcaps / Black Power Cords / Black Canopy Covers

Silver= 120-277V (18GA): Silver Endcaps / Silver Power Cords / White Canopy Covers

347V (14GA): Silver Endcaps / White Power Cords / White Canopy Covers

**NOTE:** Refer to Install Instructions for visuals.

- Voltage of Starter Kit must match Voltage of Fixture
- Glow Lens starter kits contain larger end cap

#### REPLACEMENT PARTS:

Refer to our online replacement parts guide, found on the LAL product web page

Lumination LED Linear Architectural – LAL

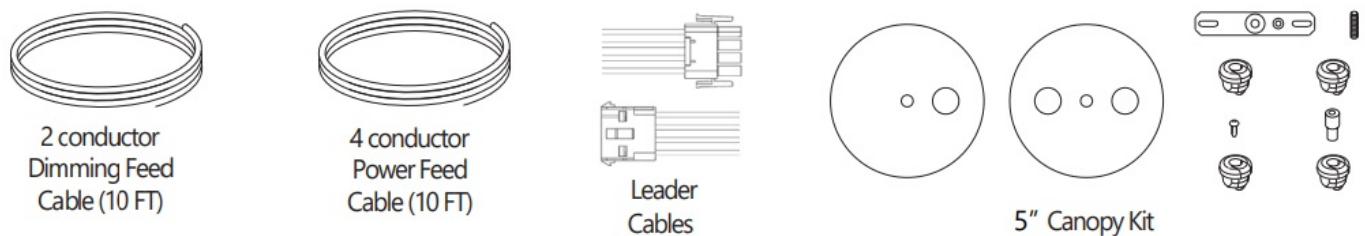
Series – Replacement Guide | IND546

#### OPTIONAL POWERFEED/CANOPY KIT

#### NON-POWERED SUSPENSION CABLES – (1 EACH) INCLUDED WITH EACH FIXTURE



#### OPTIONAL POWERFEED/CANOPY KIT FOR INDEPENDENT UPLIGHT CONTROL



| Fixture | Voltage                 | Description | Color  | SAP Part Number |
|---------|-------------------------|-------------|--------|-----------------|
| LALS2   | 120-277V<br>Voltage = 0 | Universal   | White  | 93076445        |
|         |                         |             | Black  | 93076446        |
|         |                         |             | Silver | 93084573        |
|         | 347V<br>Voltage = D     | Universal   | Black  | 93101364        |
|         |                         |             | White  | 93101363        |

#### COLOR NOTES

White= 120-277V (18GA) & 347 (14GA): White Endcaps / White Power Cords / White Canopy Covers

Black= 120-277V (18GA) & 347 (14GA): Black Endcaps / Black Power Cords / Black Canopy Covers

Silver= 120-277V (18GA): Silver Endcaps / Silver Power Cords / White Canopy Covers

347V (14GA): Silver Endcaps / White Power Cords / White Canopy Covers

NON-POWERED SUSPENSION CABLES – (1 EACH) INCLUDED WITH EACH FIXTURE

OPTIONAL POWERFEED/CANOPY KIT FOR INDEPENDENT UPLIGHT CONTROL

**NOTE:** Refer to Install Instructions for visuals.

- Voltage of Starter Kit must match Voltage of Fixture
- Glow Lens starter kits contain larger end caps.

## Performance

### LALS2 Up Light\*

| Product<br>Width & Length | CAT<br>Logic | Lm/ft | Nominal Lum<br>en | 4000K<br>TriGain®<br>Wattage | 3500K<br>TriGain®<br>Wattage | 3000K<br>Standard Watta<br>ge |
|---------------------------|--------------|-------|-------------------|------------------------------|------------------------------|-------------------------------|
| 22                        | 08           | 800   | 1600              | 13.9                         | 14.3                         | 15.0                          |
| 22                        | 09           | 900   | 1800              | 15.8                         | 16.2                         | 17.0                          |
| 22                        | 10           | 1000  | 2000              | 17.6                         | 18.2                         | 19.0                          |
| 24                        | 04           | 400   | 1600              | 13.4                         | 13.8                         | 14.5                          |
| 24                        | 05           | 500   | 2000              | 14.8                         | 15.3                         | 16.1                          |
| 24                        | 06           | 600   | 2400              | 18.3                         | 18.8                         | 19.8                          |
| 24                        | 07           | 700   | 2800              | 21.6                         | 22.4                         | 23.4                          |
| 24                        | 08           | 800   | 3200              | 25.1                         | 25.9                         | 27.1                          |
| 24                        | 09           | 900   | 3600              | 28.4                         | 29.4                         | 30.9                          |
| 24                        | 10           | 1000  | 4000              | 31.9                         | 32.9                         | 34.4                          |
| 25                        | 04           | 400   | 2000              | 14.8                         | 15.3                         | 16.1                          |
| 25                        | 05           | 500   | 2500              | 19.1                         | 19.6                         | 20.6                          |

|    |    |      |      |      |      |      |
|----|----|------|------|------|------|------|
| 25 | 06 | 600  | 3000 | 23.4 | 24.1 | 25.4 |
| 25 | 07 | 700  | 3500 | 27.6 | 28.4 | 29.9 |
| 25 | 08 | 800  | 4000 | 31.9 | 32.9 | 34.4 |
| 25 | 09 | 900  | 4500 | 36.2 | 37.2 | 39.2 |
| 25 | 10 | 1000 | 5000 | 40.5 | 41.7 | 43.7 |
| 26 | 04 | 400  | 2400 | 17.2 | 17.7 | 18.7 |
| 26 | 05 | 500  | 3000 | 22.4 | 22.9 | 24.1 |
| 26 | 06 | 600  | 3600 | 27.4 | 28.4 | 29.6 |
| 26 | 07 | 700  | 4200 | 32.6 | 33.6 | 35.3 |
| 26 | 08 | 800  | 4800 | 37.7 | 39.0 | 40.8 |
| 26 | 09 | 900  | 5400 | 43.1 | 44.4 | 46.8 |
| 26 | 10 | 1000 | 6000 | 48.3 | 49.9 | 50.4 |
| 28 | 04 | 400  | 3200 | 23.4 | 24.1 | 25.4 |
| 28 | 05 | 500  | 4000 | 29.9 | 30.9 | 32.3 |
| 28 | 06 | 600  | 4800 | 36.3 | 37.6 | 39.3 |
| 28 | 07 | 700  | 5600 | 42.8 | 44.3 | 46.3 |

|    |    |      |      |      |      |      |
|----|----|------|------|------|------|------|
| 28 | 08 | 800  | 6400 | 50.2 | 51.7 | 54.3 |
| 28 | 09 | 900  | 7200 | 57.7 | 59.5 | 62.4 |
| 28 | 10 | 1000 | 8000 | 65.2 | 67.0 | 70.7 |

#### LALS4 Up Light\*

| Product Width & Length | CAT Logic | Lm/ft | Nominal Lumen | 4000K TriGain® Wattage | 3500K TriGain® Wattage | S3000K standard Wattage |
|------------------------|-----------|-------|---------------|------------------------|------------------------|-------------------------|
| 42                     | 08        | 800   | 1600          | 13.9                   | 14.3                   | 15.0                    |
| 42                     | 09        | 900   | 1800          | 15.8                   | 16.2                   | 17.0                    |
| 42                     | 10        | 1000  | 2000          | 17.6                   | 18.2                   | 19.0                    |
| 44                     | 04        | 400   | 1600          | 13.4                   | 13.8                   | 14.5                    |
| 44                     | 05        | 500   | 2000          | 14.8                   | 15.3                   | 16.1                    |
| 44                     | 06        | 600   | 2400          | 18.3                   | 18.8                   | 19.8                    |
| 44                     | 07        | 700   | 2800          | 21.6                   | 22.4                   | 23.4                    |
| 44                     | 08        | 800   | 3200          | 25.1                   | 25.9                   | 27.1                    |
| 44                     | 09        | 900   | 3600          | 28.4                   | 29.4                   | 30.9                    |
| 44                     | 10        | 1000  | 4000          | 31.9                   | 32.9                   | 34.4                    |



|    |    |      |      |       |       |      |
|----|----|------|------|-------|-------|------|
| 45 | 04 | 400  | 2000 | 14.8  | 15.3  | 16.1 |
| 45 | 05 | 500  | 2500 | 19.1  | 19.6  | 20.6 |
| 45 | 06 | 600  | 3000 | 23.4  | 24.1  | 25.4 |
| 45 | 07 | 700  | 3500 | 27.6  | 28.4  | 29.9 |
| 45 | 08 | 800  | 4000 | 31.9  | 32.9  | 34.4 |
| 45 | 09 | 900  | 4500 | 36.2  | 37.2  | 39.2 |
| 45 | 10 | 1000 | 5000 | 40.5  | 41.7  | 43.7 |
| 46 | 04 | 400  | 2400 | 17 .2 | 17 .7 | 18.7 |
| 46 | 05 | 500  | 3000 | 22.4  | 22.9  | 24.1 |
| 46 | 06 | 600  | 3600 | 27.4  | 28.4  | 29.6 |
| 46 | 07 | 700  | 4200 | 32.6  | 33.6  | 35.3 |
| 46 | 08 | 800  | 4800 | 37.7  | 39.0  | 40.8 |
| 46 | 09 | 900  | 5400 | 43.1  | 44.4  | 46.8 |
| 46 | 10 | 1000 | 6000 | 48.3  | 49.9  | 50.4 |
| 48 | 04 | 400  | 3200 | 23.4  | 24.1  | 25.4 |

|    |    |      |      |      |      |      |
|----|----|------|------|------|------|------|
| 48 | 05 | 500  | 4000 | 29.9 | 30.9 | 32.3 |
| 48 | 06 | 600  | 4800 | 36.3 | 37.6 | 39.3 |
| 48 | 07 | 700  | 5600 | 42.8 | 44.3 | 46.3 |
| 48 | 08 | 800  | 6400 | 50.2 | 51.7 | 54.3 |
| 48 | 09 | 900  | 7200 | 57.7 | 59.5 | 62.4 |
| 48 | 10 | 1000 | 8000 | 65.2 | 67.0 | 70.7 |

**NOTE:**

- Total fixture performance is the summation of both the Down and Up wattages and nominal lumens.
- Corner (L9) option, use LALS24 (24) or LALS44 (44) only from the Product Column in table above.

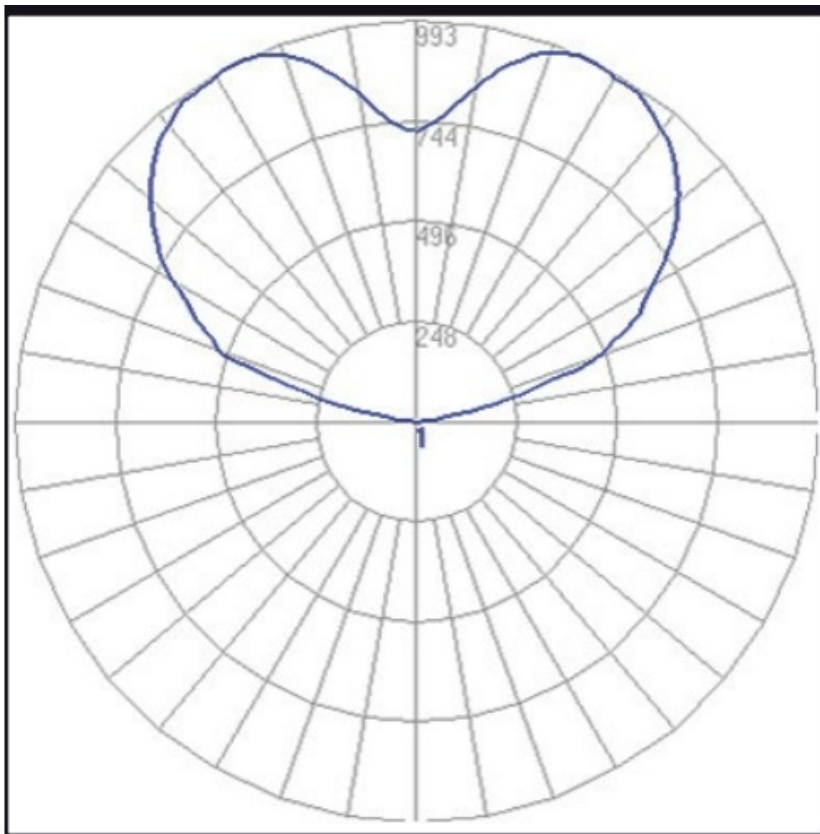
**UP ONLY – BATWING**

LALS-4-4-A-0-BW-07-XX-XX-XXX-XX-XX-WHTE-XX

| ZONAL LUMEN SUMMARY |        | ZONA    | L LUMEN SUMMARY |              |
|---------------------|--------|---------|-----------------|--------------|
| Zone                | Lumens | Zone    | Lumens          | % of Fixture |
| 0-10°               | 0      | 0-30°   | 0               | 0            |
| 10-20°              | 0      | 0-60°   | 0               | 0            |
| 20-30°              | 0      | 0-90°   | 0               | 0            |
| 30-40°              | 0      | 90-120° | 726             | 26           |
| 40-50°              | 0      | 90-150° | 2176            | 78           |

|          |     |         |      |       |
|----------|-----|---------|------|-------|
| 50-60°   | 0   | 90-180° | 2800 | 100.0 |
| 60-70°   | 0   | 0-180°  | 2800 | 100.0 |
| 70-80°   | 0   |         |      |       |
| 80-90°   | 0   |         |      |       |
| 90-100°  | 57  |         |      |       |
| 100-110° | 255 |         |      |       |
| 110-120° | 414 |         |      |       |
| 120-130° | 493 |         |      |       |
| 130-140° | 506 |         |      |       |
| 140-150° | 451 |         |      |       |
| 150-160° | 345 |         |      |       |
| 160-170° | 207 |         |      |       |
| 170-180° | 66  |         |      |       |

## POLAR GRAPH



For more information please see IES files at [www.LED.com](http://www.LED.com)

**LALS2 Down Light\***

| Product Width & Length | CAT Logic | Lm/ft | Nominal Lumen | 4000K TriGain® Wattage | 3500K TriGain® Wattage | S3000K standard Wattage |
|------------------------|-----------|-------|---------------|------------------------|------------------------|-------------------------|
| 22                     | 08        | 800   | 1600          | 16.7                   | 17.2                   | 18.2                    |
| 22                     | 09        | 900   | 1800          | 18.9                   | 19.7                   | 20.4                    |
| 22                     | 10        | 1000  | 2000          | 21.2                   | 22.0                   | 23.0                    |
| 24                     | 04        | 400   | 1600          | 15.1                   | 15.6                   | 16.4                    |
| 24                     | 05        | 500   | 2000          | 19.2                   | 19.7                   | 20.8                    |
| 24                     | 06        | 600   | 2400          | 23.1                   | 23.8                   | 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 | 47.2  | 48.7 | 49.4 |
| 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  | 36.1 | 37.8 |
| 26 | 07 | 700  | 4200 | 41 .4 | 42.6 | 44.6 |
| 26 | 08 | 800  | 4800 | 47.7  | 49.2 | 51.7 |

|    |    |      |      |      |      |      |
|----|----|------|------|------|------|------|
| 26 | 09 | 900  | 5400 | 54.5 | 56.0 | 58.8 |
| 26 | 10 | 1000 | 6000 | 61.0 | 63.0 | 66.1 |
| 28 | 04 | 400  | 3200 | 29.3 | 30.2 | 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 | 52.8 | 54.7 | 57.7 |
| 28 | 08 | 800  | 6400 | 60.9 | 63.0 | 66.4 |
| 28 | 09 | 900  | 7200 | 69.8 | 72.1 | 75.8 |
| 28 | 10 | 1000 | 8000 | 75.0 | 77.6 | 77.9 |

#### LALS4 Down Light\*

| Product<br>Width &<br>Length | CAT<br>Logic | Lm/ft | Nominal Lum<br>en | 4000K<br>TriGain® Watta<br>ge | 3500K<br>TriGain® Watta<br>ge | S3000K<br>tandard<br>Wattage |
|------------------------------|--------------|-------|-------------------|-------------------------------|-------------------------------|------------------------------|
| 42                           | 08           | 800   | 1600              | 15.2                          | 15.7                          | 16.4                         |
| 42                           | 09           | 900   | 1800              | 17.4                          | 17.9                          | 18.7                         |
| 42                           | 10           | 1000  | 2000              | 19.4                          | 19.9                          | 21.0                         |
| 44                           | 04           | 400   | 1600              | 14.9                          | 14.9                          | 14.9                         |

|    |    |      |      |      |      |      |
|----|----|------|------|------|------|------|
| 44 | 05 | 500  | 2000 | 17.4 | 17.9 | 18.7 |
| 44 | 06 | 600  | 2400 | 21.0 | 21.8 | 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 | 41.3 | 43.3 |
| 45 | 10 | 1000 | 5000 | 45.0 | 46.5 | 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:**

- Total fixture performance is the summation of both the Down and Up wattages and nominal lumens.
- Corner (L9) option, use LALS24 (24) or LALS44 (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**

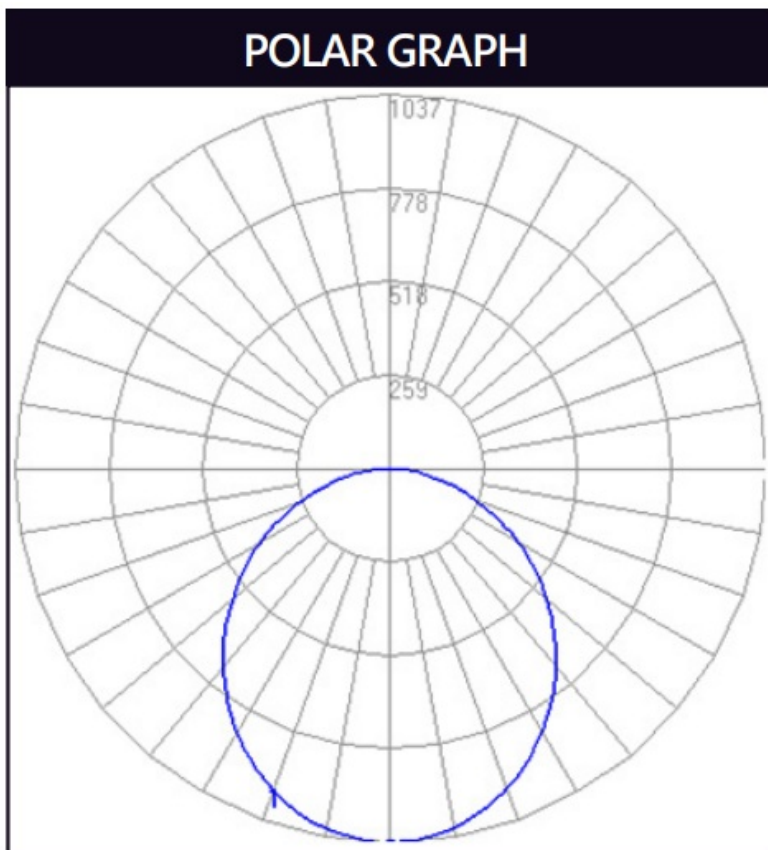
LALS-4-4-A-0-NA-00-MM-07-XXX-XX-XX-WHTE-XX



|               |               |               |               |                    |
|---------------|---------------|---------------|---------------|--------------------|
| Zone<br>0-10° | Lumens<br>100 | Zone<br>0-30° | Lumens<br>804 | % of Fixture<br>29 |
| 10-20°        | 283           | 0-60°         | 2233          | 80                 |
| 20-30°        | 420           | 0-90°         | 2800          | 100                |
| 30-40°        | 493           | 90-120°       | 0             | 0                  |
| 40-50°        | 497           | 90-130°       | 0             | 0                  |
| 50-60°        | 438           | 90-150°       | 0             | 0                  |
| 60-70°        | 328           | 90-180°       | 0             | 0                  |
| 70-80°        | 186           | 0-180°        | 2800          | 100.0              |
| 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 |  |

## POLAR GRAPH



## Photometrics

### DOWN ONLY – GLOW LENS

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

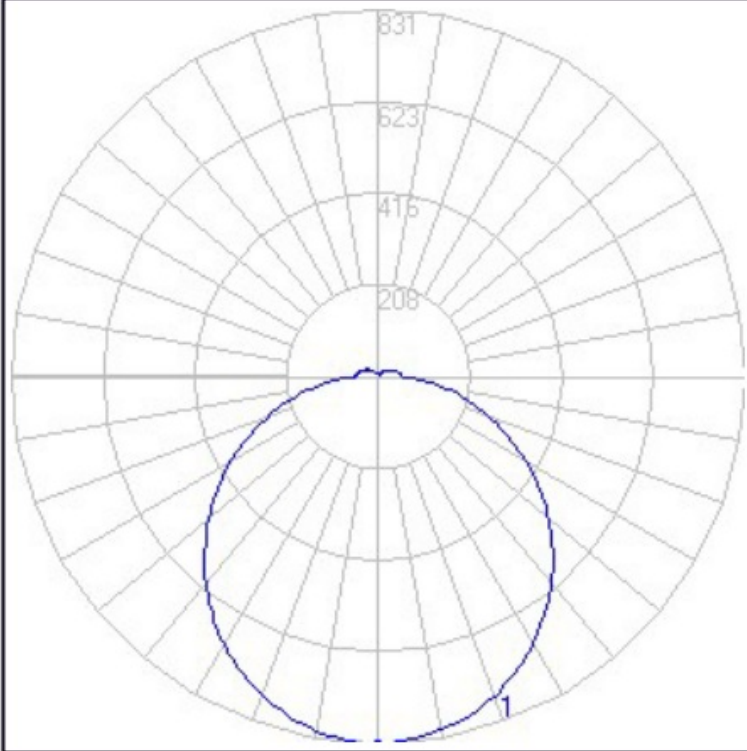
## ZONAL LUMEN SUMMARY

| Zone   | Lumens |
|--------|--------|
| 0-10°  | 78     |
| 10-20° | 224    |
| 20-30° | 338    |
| 30-40° | 408    |
| 40-50° | 426    |
| 50-60° | 393    |
| 60-70° | 318    |
| 70-80° | 213    |
| 80-90° | 101    |

## ZONAL LUMEN SUMMARY

| Zone    | Lumens | % of Fixture |
|---------|--------|--------------|
| 0-30°   | 640    | 24           |
| 0-60°   | 1867   | 70           |
| 0-90°   | 2499   | 94           |
| 90-120° | 119    | 5            |
| 90-130° | 140    | 5            |
| 90-150° | 159    | 6            |
| 90-180° | 161    | 6            |
| 0-180°  | 2660   | 100          |

## POLAR GRAPH



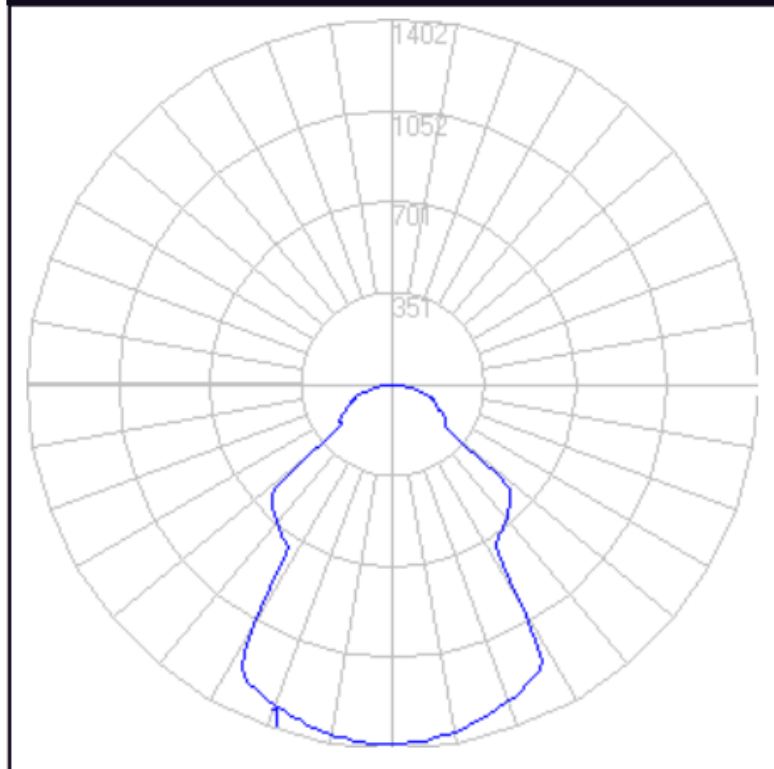
**DOWN ONLY – WHITE LOUVERS (NO LENS)**  
LALS-4-4-A-0-NA-00-LW-07-XXX-XX-WHITE-XX

| Zone    | Lumens |
|---------|--------|
| 0-10°   | 130    |
| 10-20°  | 369    |
| 20-30°  | 546    |
| 30-40°  | 562    |
| 40-50°  | 507    |
| 50-60°  | 345    |
| 60-70°  | 206    |
| 70-80°  | 108    |
| 80-90°  | 27     |
| 90-100° | 0      |

## ZONAL LUMEN SUMMARY

| Zone    | Lumens | % of Fixture |
|---------|--------|--------------|
| 0-30°   | 1045   | 37           |
| 0-60°   | 2459   | 89           |
| 0-90°   | 2800   | 100          |
| 90-120° | 0      | 0            |
| 90-130° | 0      | 0            |
| 90-150° | 0      | 0            |
| 90-180° | 0      | 0            |
| 0-180°  | 2800   | 100          |

## POLAR GRAPH



**DOWN ONLY – WALL WASH**

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



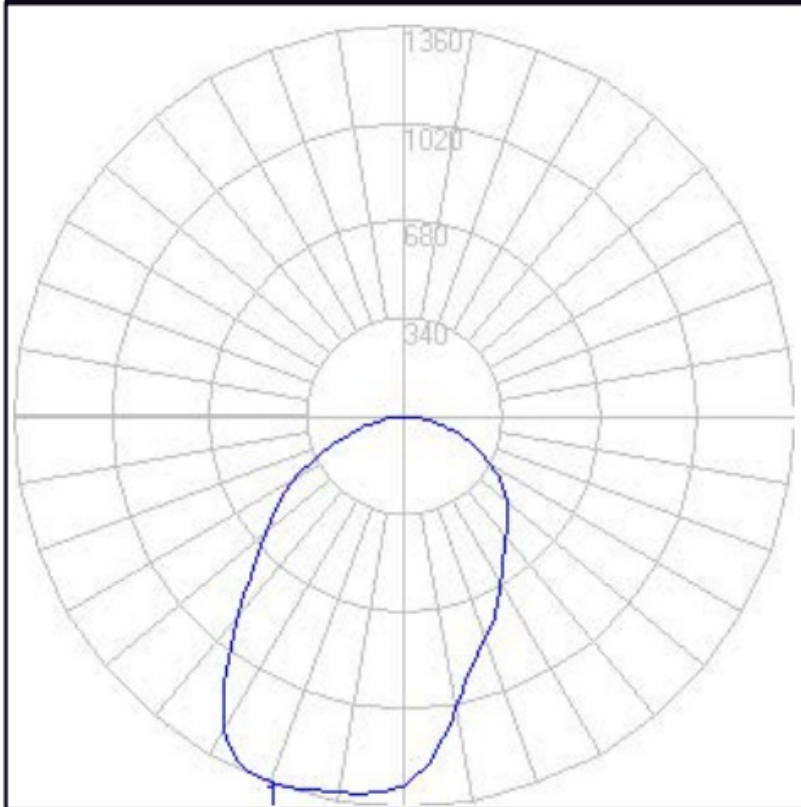
## ZONAL LUMEN SUMMARY

| Zone    | Lumens | % of Fixture |
|---------|--------|--------------|
| 0-30°   | 934    | 31           |
| 0-60°   | 2467   | 82           |
| 0-90°   | 2996   | 100          |
| 90-120° | 0      | 0            |
| 90-130° | 0      | 0            |
| 90-150° | 0      | 0            |
| 90-180° | 0      | 0            |
| 0-180°  | 2996   | 100          |

ZONAL LUMEN SUMMARY

| Zone    | Lumens | % of Fixture |
|---------|--------|--------------|
| 0-30°   | 934    | 31           |
| 0-60°   | 2467   | 82           |
| 0-90°   | 2996   | 100          |
| 90-120° | 0      | 0            |
| 90-130° | 0      | 0            |
| 90-150° | 0      | 0            |
| 90-180° | 0      | 0            |
| 0-180°  | 2996   | 100          |

## POLAR GRAPH



For more information please see IES files at [www.LED.com](http://www.LED.com)

### Controls & Sensors

#### DAINTREE CONTROLS

##### **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.

**The LALS Series Architectural Luminaire will offer Daintree Networked integral controls (Controls option TQ). Integral sensors and IOT devices are not offered at this time.**

#### LUTRON CONTROLS

**Lutron Eco System:** Eco System 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.

## Support

[gecurrent.com/lumination](https://gecurrent.com/lumination)

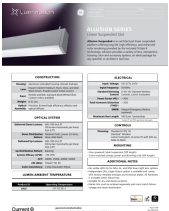
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Page 10 of 10

(Rev 08/25/22)

IND501

## Documents / Resources

|                                                                                   |                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><a href="#">Lumination Allusion Series Linear Suspended Slot</a> [pdf] Instruction Manual<br/>Allusion Series, Linear Suspended Slot, Allusion Series Linear Suspended Slot, Suspended Slot, Slot</p> |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## References

- [C Commercial Lighting and Lighting Controls | Current - GLI Brands](#)
- [C Commercial Lighting and Lighting Controls | Current - GLI Brands](#)