

# Slots & Dots - Slots

Linear Accents (for S&D 48V Track System)



PROJECT:

TYPE:

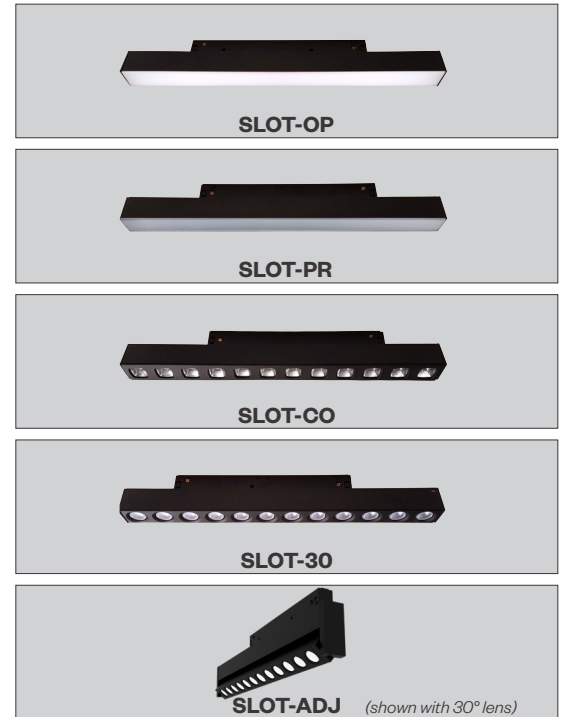
## Features

Slots & Dots, a 48V Track lighting system, connects all the dots for architects and lighting designers: color, comfort, controls and configurability. Slots & Dots is an easily configurable low voltage track lighting system that creates visual ambience for hospitality, residential, commercial and retail environments. Featuring surface, recessed or pendant mounting options, with easy light module in linear and accent that can be easily snapped in and out as needed. Slots are made up of linear modules to create visual interest, wall grazing and glare free accent. Dots deliver focused beams of light from either an accent pendant or surface mounted accent that bring items into focus.

## Product Overview

Type: 48V Track Linear Accent Module  
Wattage: 6W/ft  
Color Temp: 2700K, 3000K, 3500K, 4000K  
CRI: 90 typ.  
Dimming: DALI 1% Dim  
0-10V 1% dim

| Weight:        | 1'   | 2'  | 4'  |
|----------------|------|-----|-----|
| SLOT-OP        | 0.4  | 0.7 | 1.3 |
| SLOT-PR        | 0.4  | 0.7 | 1.4 |
| SLOT-CO        | 0.5  | 0.9 | 1.8 |
| SLOT-30        | 0.5  | 0.9 | 1.7 |
|                | 1'   | 2'  |     |
| SLOT-ADJ-CO    | 0.45 | 0.9 |     |
| SLOT-ADJ-30    | 0.45 | 0.9 |     |
| SLOT-ADJ-26X42 | 0.45 | 0.9 |     |



## Certifications



## Fixture Summary

### Performance Data

| Slot           | Size | Watts | Delivered Lumens | LPW  | Color Temp |
|----------------|------|-------|------------------|------|------------|
| SLOT-OP        | 1'   | 6     | 490              | 81.7 | 3000K-90   |
| SLOT-PR        | 1'   | 6     | 343              | 57.2 | 3000K-90   |
| SLOT-CO        | 1'   | 6     | 511              | 85.2 | 3000K-90   |
| SLOT-30        | 1'   | 6     | 527              | 87.8 | 3000K-90   |
| SLOT-ADJ-26X42 | 1'   | 6     | 474              | 79   | 3000K-90   |

Data is based on 3000K-90 120V IES files available on website.

**NOTE: For use with Amerlux Slots & Dots Low Voltage Track**

**See separate spec sheets for track versions:**

[SD-TSD deep profile pendant/surface track](#)

[SD-TRD deep profile recessed track](#)

[SD-TSL low profile pendant/surface track](#)

[SD-TRL low profile recessed track](#)

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## Ordering Information



| 1 | Model                                                              | 2                                               | Length                | 3 | Color Temp-CRI |
|---|--------------------------------------------------------------------|-------------------------------------------------|-----------------------|---|----------------|
|   | <b>SLOT-OP<sup>T24</sup></b> linear segment with opal lens         | <b>1*</b> 1' nom. (11-1/4")                     | <b>279*</b> 2700K-90  |   |                |
|   | <b>SLOT-PR*</b> linear segment with microprismatic lens            | <b>2</b> 2' nom. (22-5/16")                     | <b>309</b> 3000K-90   |   |                |
|   | <b>SLOT-CO<sup>T24</sup></b> linear segment with comfort lens      | <b>4</b> 4' nom. (44-7/19")                     | <b>359*</b> 3500K-90  |   |                |
|   | <b>SLOT-30<sup>T24</sup></b> linear segment with 30° lens          |                                                 | <b>409*</b> 40500K-90 |   |                |
|   | <b>SLOT-ADJ-CO*</b> linear segment, adjustable with comfort lens   |                                                 |                       |   |                |
|   | <b>SLOT-ADJ-30*</b> linear segment, adjustable with 30° lens       |                                                 |                       |   |                |
|   | <b>SLOT-ADJ-26X42**</b> linear segment, adjustable with 26x42 lens |                                                 |                       |   |                |
| 4 | Finish                                                             | 5                                               | Driver                |   |                |
|   | <b>B</b> black (standard)                                          | <b>DALI</b> DALI driver, 1% dim                 |                       |   |                |
|   | <b>W*</b> white                                                    | <b>0-10V<sup>T24</sup></b> 0-10V driver, 1% dim |                       |   |                |

\* Available in 1' & 2' lengths only

\* Special order, consult factory for lead times.

<sup>T24</sup> Title 24 compliant.

## Specifications

### Application

Hospitality and retail task lighting

### Construction

Extruded aluminum heatsink  
No exposed wiring

### Optical

Lens options: Opal, Microprismatic, Comfort or 30°

### LED

Color Temp Options: 2700K, 3000K, 3500K, 4000K  
CRI: 90 typ.  
Binning: 3 MacAdam (SDCM)  
Life: 50,000+ hrs, > 70% of initial lumens at 50,000 hrs

### Electrical

Wattage: 6W/ft  
Electronic constant current LED driver, 48V input  
18AWG, 15 Amp

### Drivers

DALI driver, 1% dimming  
0-10V driver, 1% dim

### Finish

Powder coat paint, matte black or matte white

### Mounting

A mechanical adapter allows for a quick and tool-less mounting to Amerlux's 48V track system, which saves time during installation and allows for easy reconfiguration

### Certifications

cUL listed  
Indoor use only  
Title 24 compliant (see ordering section for options that apply)

### Warranty

5 year limited warranty

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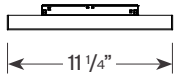
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TYPE:

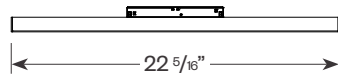
## Product Details

### Vertical

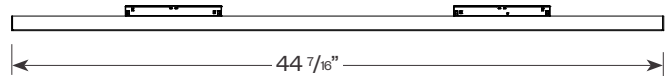
1 Foot Nominal



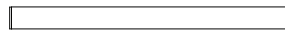
2 Foot Nominal



4 Foot Nominal



### Horizontal



Opal  
(SLOT-OP)



Microprismatic  
(SLOT-PR)

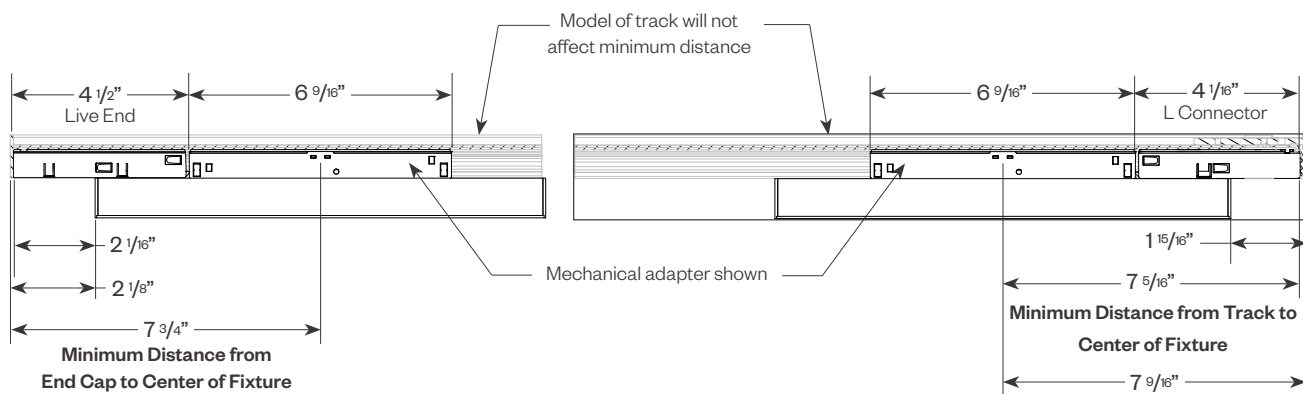


Comfort  
(SLOT-CO)



30°  
(SLOT-30)

## Minimum Distance with Live End & L Connector



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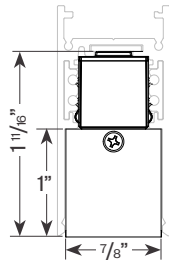


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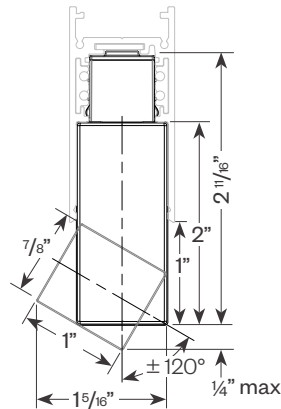
TYPE:

## Track Profiles with SLOTS

For S&D 48V Deep Profile Pendant/Surface Track (SD-TSD)

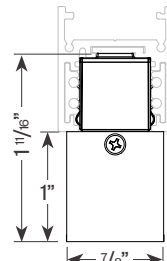


SD-TSD w/SLOT-xx

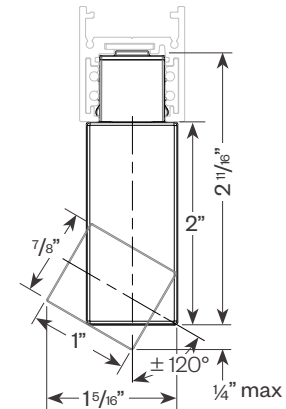


SD-TSD w/SLOT-ADJ-xx

For S&D 48V Low Profile Pendant/Surface Track (SD-TSL)

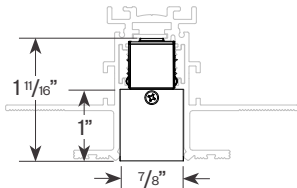


SD-TSL w/SLOT-xx

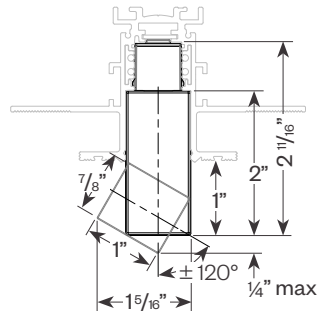


SD-TSL w/SLOT-ADJ-xx

For S&D 48V Deep Recessed Profile Track (SD-TRD)

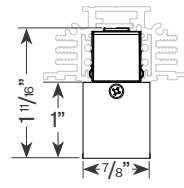


SD-TRD w/SLOT-xx

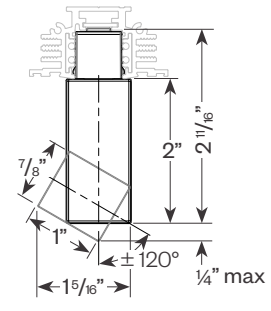


SD-TRD w/SLOT-ADJ-xx

For S&D 48V Low Profile Recessed Track (SD-TRL)



SD-TRL w/SLOT-xx



SD-TRL w/SLOT-ADJ-xx

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TYPE:

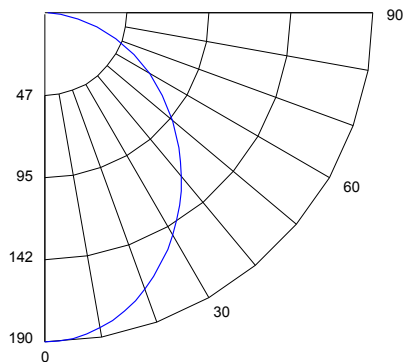
## Performance Data

**Multiplying Factors:** (Multiplying Factor is based on 3000K-90 120V IES file on website)

| CCT:    | 2700K-90 | 3000K-90 | 3500K-90 | 4000K-90 |
|---------|----------|----------|----------|----------|
| Factor: | 0.98     | 1.0      | 1.03     | 1.07     |

### SLOT-OP-1-309

Total Watts: 6  
Total Lumens: 490  
Lumens/Watt: 81.7



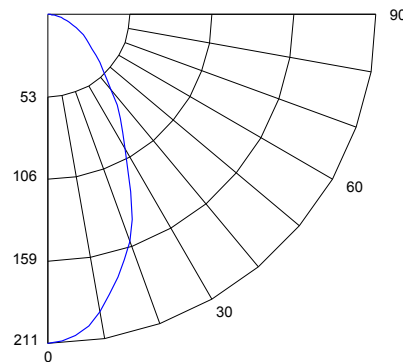
#### ZONAL LUMEN SUMMARY

| Zone  | Lumens | %Fixt |
|-------|--------|-------|
| 0-40  | 228    | 46.6  |
| 0-60  | 390    | 79.7  |
| 0-90  | 490    | 100.0 |
| 0-180 | 490    | 100.0 |

Total Luminaire Efficiency = 82%

### SLOT-PR-1-309

Total Watts: 6  
Total Lumens: 343  
Lumens/Watt: 57.2



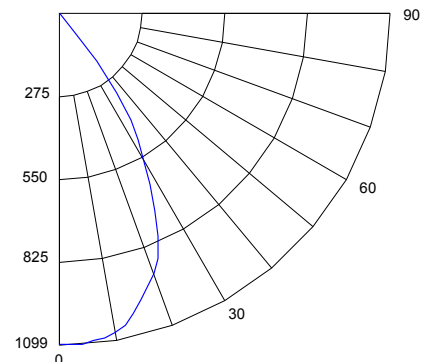
#### ZONAL LUMEN SUMMARY

| Zone  | Lumens | %Fixt |
|-------|--------|-------|
| 0-40  | 209    | 60.8  |
| 0-60  | 301    | 87.5  |
| 0-90  | 342    | 99.7  |
| 0-180 | 343    | 100.0 |

Total Luminaire Efficiency = 57%

### SLOT-CO-1-309

Total Watts: 6  
Total Lumens: 511  
Lumens/Watt: 85.2



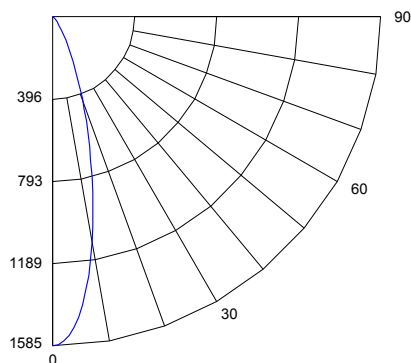
#### ZONAL LUMEN SUMMARY

| Zone  | Lumens | %Fixt |
|-------|--------|-------|
| 0-40  | 488    | 95.5  |
| 0-60  | 511    | 99.9  |
| 0-90  | 511    | 100.0 |
| 0-180 | 511    | 100.0 |

Luminaire Efficacy = 91%

### SLOT-30-1-309

Total Watts: 6  
Total Lumens: 527  
Lumens/Watt: 87.8



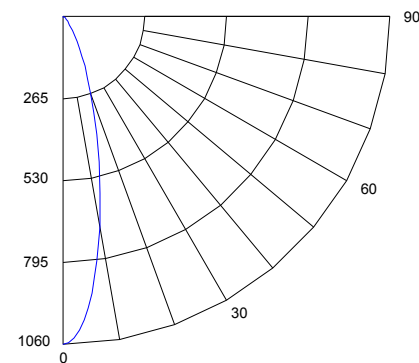
#### ZONAL LUMEN SUMMARY

| Zone  | Lumens | %Fixt |
|-------|--------|-------|
| 0-40  | 492    | 93.3  |
| 0-60  | 523    | 99.2  |
| 0-90  | 527    | 99.7  |
| 0-180 | 527    | 100.0 |

Luminaire Efficacy = 95%

### SLOT-ADJ-26X42-1-309

Total Watts: 6  
Total Lumens: 474  
Lumens/Watt: 79



#### ZONAL LUMEN SUMMARY

| Zone  | Lumens | %Fixt |
|-------|--------|-------|
| 0-40  | 428    | 90.4  |
| 0-60  | 468    | 98.7  |
| 0-90  | 474    | 100.0 |
| 0-180 | 474    | 100.0 |

Luminaire Efficacy = 85%



Delta Intelligent Building Technologies

## Linear Accents *(for S&D 48V Track System)*



**PROJECT:**

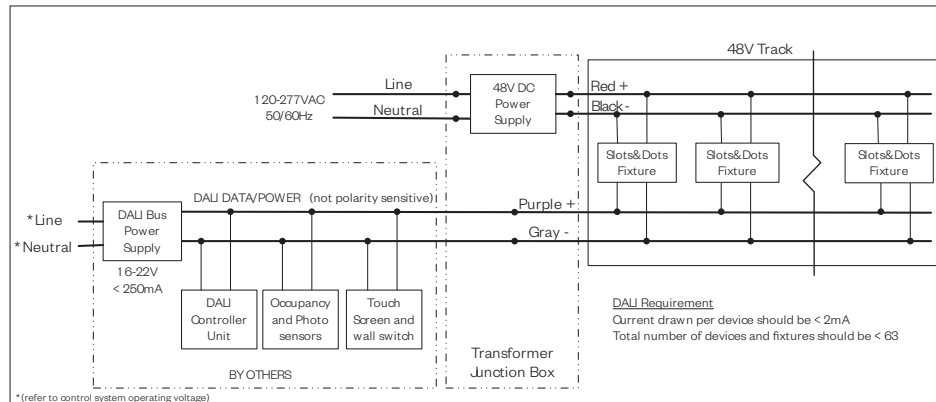
**TYPE:**

## Dimming Compatibility

Amerlux® Slots & Dots 48V system is compatible with DALI system. Please see below for wiring diagrams. Amerlux recommends testing your unique dimming configuration as the exact full configuration (*Dimmer, Fixture Quantity, Voltage, etc*) may affect dimming performance.

--- NOTE: INFORMATION BELOW IS FOR WIRED DIMMERS ONLY. FOR WIRELESS DIMMERS, CONSULT FACTORY ---

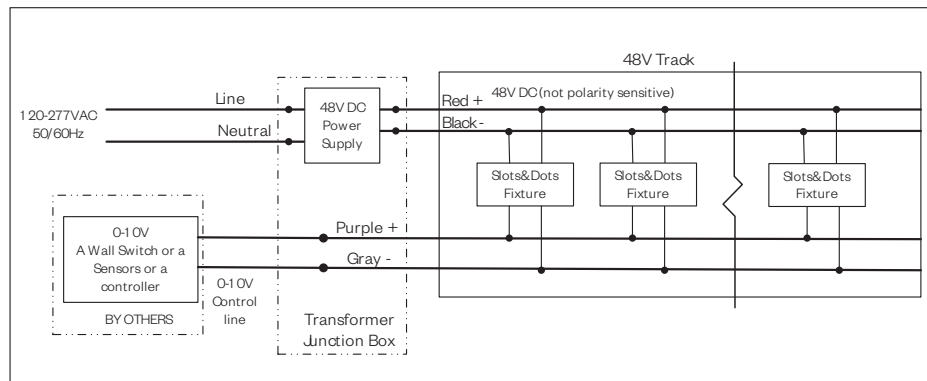
### Wired Control - DALI



### Suggested Switches for Wired Connection

| Manufacturer      | Model          | Description                                                                    |
|-------------------|----------------|--------------------------------------------------------------------------------|
| Loytec DALI PSU   | L-DALI-PWR2-U  | DALI Bus Power Supply, 85-240VAC input, 2 channel DALI PSU, 116 mA per channel |
| Loytec Controller | L-DALI-ME204-U | DALI Controller, 4 channel DALI                                                |
| Loytec Controller | L-DALI-ME201-U | DALI Controller, 1 DALI channel with integrated DALI power supply              |
| B.E.G             | PP-DALI-PS     | DALI Bus Power Supply, 120-277VAC input, 100 mA bus power                      |

### Wired Control - 0-10V



**Notes:**

- 120V or 277V\*
- Dims down to 1% light output
- Requires interface to turn off power to driver
- Consult Dimming manufacturer for installation instructions - **DO NOT SHARE NEUTRALS!**

**Compatible Dimmers†:**

| Wall Box              |                         | Central System                           |
|-----------------------|-------------------------|------------------------------------------|
| Lutron "Diva" - DVSTV | Leviton Renoir II 0-10V | Lutron Grafik Eye with GRX-TVI Interface |

**Notes:**

\* Driver is 277VAC dimmable with appropriate dimmer (*by others*). All provided wiring diagrams show 120VAC wiring colors and method. Please refer to 277VAC dimmer installation instructions for 277VAC wiring diagrams.

† The absence of a dimmer from the lists above does not imply incompatibility. Please consult factory for compatibility inquiries.