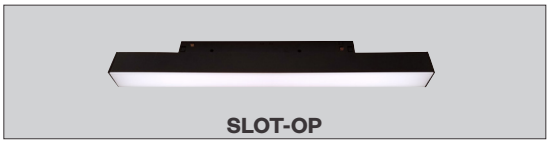
Slots & Dots - Slots

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

PROJECT: **TYPE:**

Features

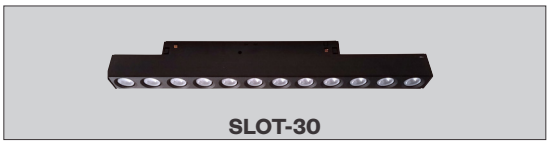
Slots & Dots, a 48V Track lighting system, connects all the dots for architects and lighting designers: color, comfort, controls and configurability. Slots & Dots is an easily configurable low voltage track lighting system that creates visual ambience for hospitality, residential, commercial and retail 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.



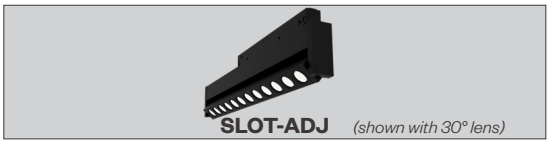
SLOT-OP

SLOT-PR

SLOT-CO



SLOT-30



SLOT-ADJ *(shown with 30° lens)*

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

c UL 5 year limited warranty AMERLUX LED Title 24 Compliant

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

Slots & Dots - Slots

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

PROJECT: **TYPE:**

Ordering Information

_____ **1** · _____ **2** · _____ **3** · _____ **4** · _____ **5**

1	Model
	SLOT-OP[T24] linear segment with opal lens
	SLOT-PR* linear segment with microprismatic lens
	SLOT-CO[T24] linear segment with comfort lens
	SLOT-30[T24] linear segment with 30° lens
	SLOT-ADJ-CO[†] linear segment, adjustable with comfort lens
	SLOT-ADJ-30* linear segment, adjustable with 30° lens
	SLOT-ADJ-26X42*[†] linear segment, adjustable with 26x42 lens

2	Length
	1* 1' nom. *(11-1/4")*
	2 2' nom. *(22-5/16")*
	4 4' nom. *(44-7/19")*

3	Color Temp-CRI
	279* 2700K-90
	309 3000K-90
	359* 3500K-90
	409* 40500K-90

4	Finish
	B black *(standard)*
	W* white

5	Driver
	DALI DALI driver, 1% dim
	0-10V[T24] 0-10V driver, 1% dim

† Available in 1' & 2' lengths only

**** Special order, consult factory for lead times.***

[T24] 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

Slots & Dots - Slots

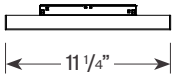
Linear Accents *(for S&D 48V Track System)*

PROJECT:	TYPE:

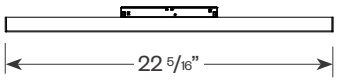
Product Details

Vertical

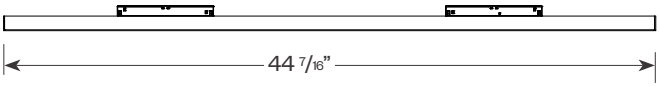
1 Foot Nominal



2 Foot Nominal



4 Foot Nominal



Horizontal

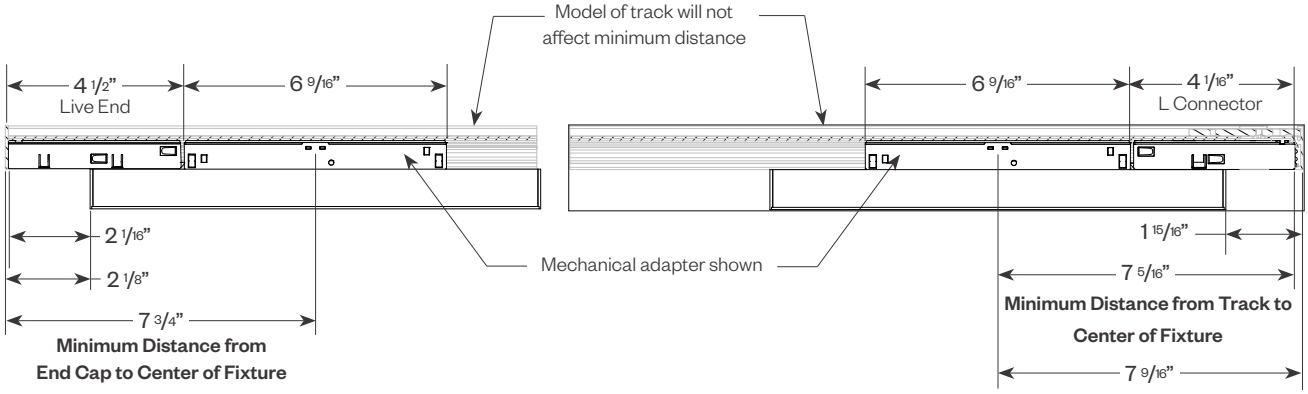
Opal
(SLOT-OP)

Microprismatic
(SLOT-PR)

Comfort
(SLOT-CO)

30°
(SLOT-30)

Minimum Distance with Live End & L Connector



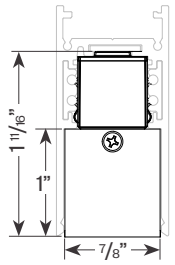
Slots & Dots - Slots

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

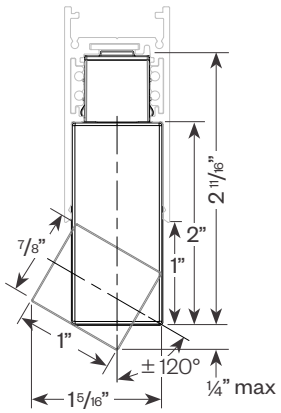
PROJECT: **TYPE:**

Track Profiles with SLOTS

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

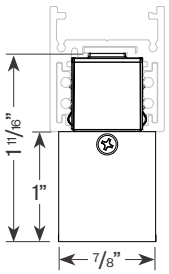


SD-TSD w/SLOT-xx

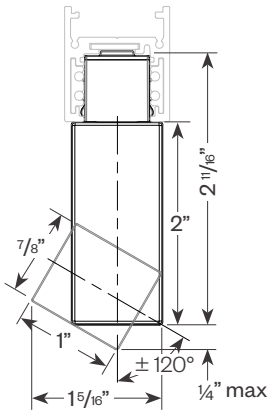


SD-TSD w/SLOT-ADJ-xx

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

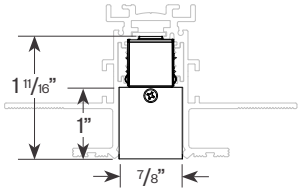


SD-TSL w/SLOT-xx

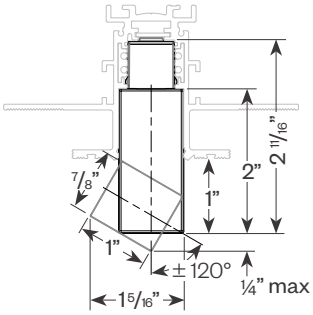


SD-TSL w/SLOT-ADJ-xx

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

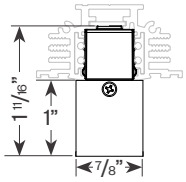


SD-TRD w/SLOT-xx

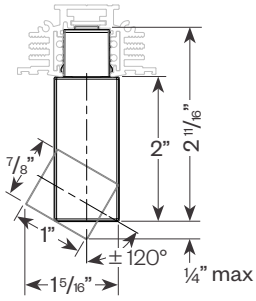


SD-TRD w/SLOT-ADJ-xx

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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Amerlux reserves the right to change details that do not affect overall function and performance.

Slots & Dots - Slots

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

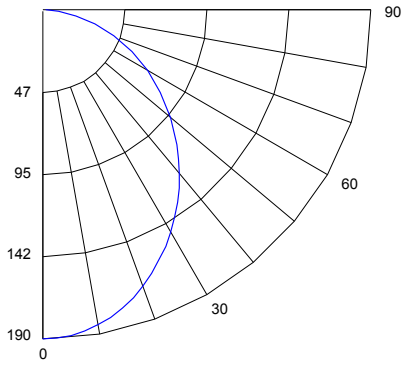
PROJECT: **TYPE:**

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

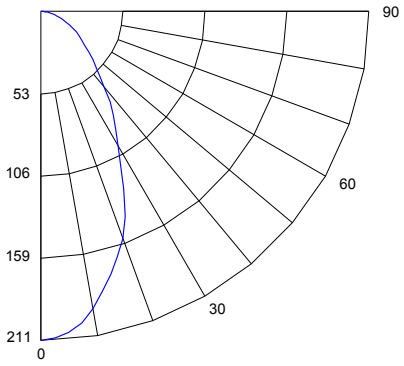


ZONAL LUMEN SUMMARY

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

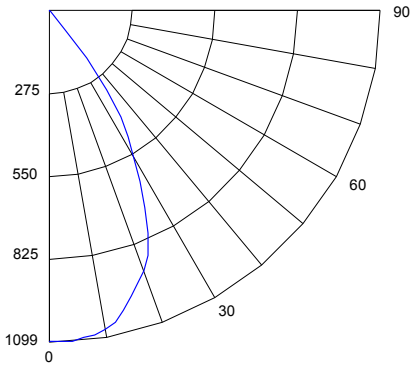


ZONAL LUMEN SUMMARY

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

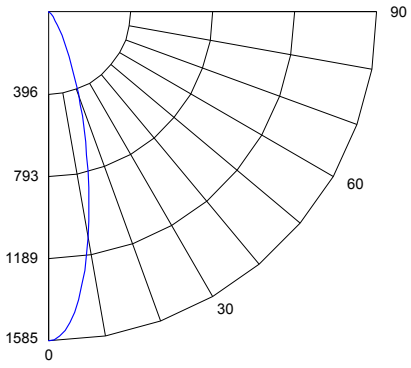


ZONAL LUMEN SUMMARY

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

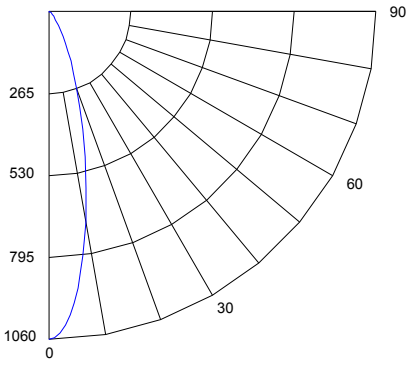


ZONAL LUMEN SUMMARY

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%

Slots & Dots - Slots

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

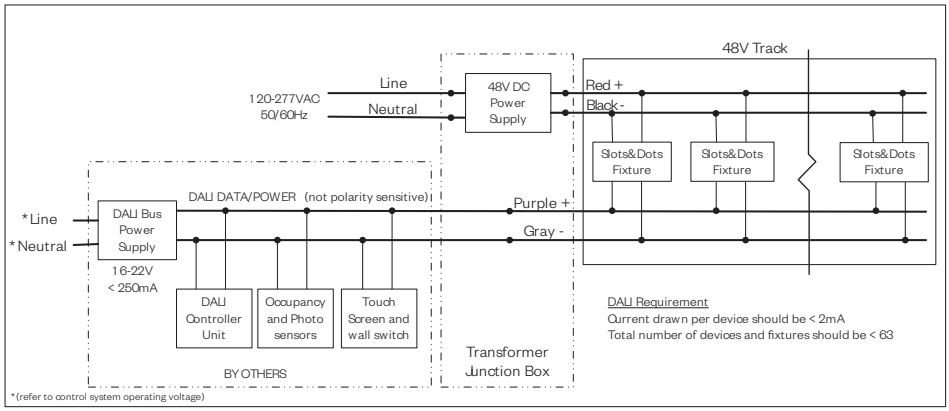
PROJECT: **TYPE:**

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.

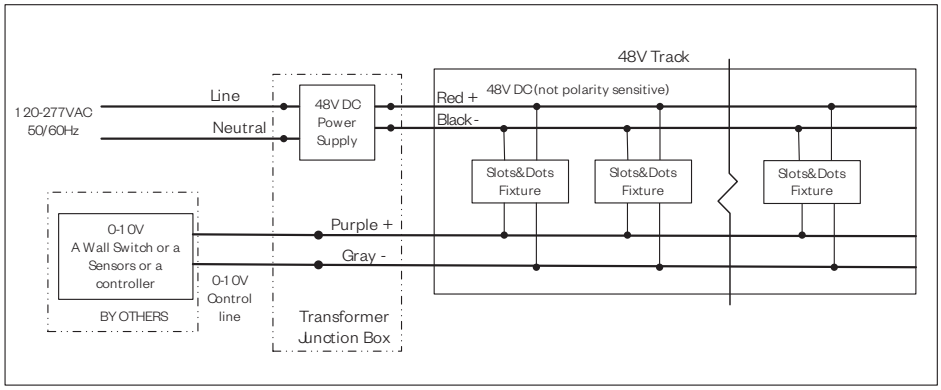
--- NOTE: INFORMATION BELOW IS FOR WIRED DIMMERS ONLY. FOR WIRELESS DIMMERS, CONSULT FACTORY ---

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.