

Slots & Dots

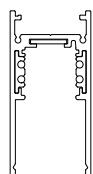
48V Low Voltage Track Deep Profile Pendant/ Surface



TRACK



SD-TSD



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.

PROJECT:

SLOTS & DOTS



SLOT-OP



SLOT-CO



SLOT-PR



SLOT-30



SLOT-ADJ
(shown with 30° lens)



DOT-A1D



DOT-A2D



DOT-P1



DOT-P2



(JA8/Title 24 compliant on DOT models with certain options (see pg 6))

TYPE:

Product Overview

Track (SD-TSD) Deep Profile Pendant/Surface

Type	48V Low Voltage Track
Circuit(s)/Amps:	1 circuit + Data Bus: $\pm 15A/0-48V + D+/D-$
Voltage:	48V
Weight (lbs):	2.9 (4'), 5.8 (8')

Slots (SLOT-xx) (Linear Modules)

Type:	48V Track Linear System				
Watts:	6W/ft				
Lumen Output:	490 lm (OP), 343 lm (PR), 511 lm (CO), 527 lm (30)				
Color Temp:	2700K, 3000K, 3500K, 4000K				
CRI:	90 typ.				
Driver:	DALI 1% dim, 0-10V 1% dim				
Weight (lbs):		1'	2'	4'	
	SLOT-OP	0.4	0.7	1.3	SLOT-ADJ-CO
	SLOT-PR	0.4	0.7	1.4	SLOT-ADJ-30
	SLOT-CO	0.5	0.9	1.8	SLOT-ADJ-26x4
	SLOT-30	0.5	0.9	1.7	

Dots (DOT-Ax/DOT-Px) (Accent Modules)

Type:	48V Track Accent & Pendant System
Watts (per head):	Small - 7W (A1/P1) Large - 16W (A2/P2)
Lumen Output:	391 lm (A1/P1), 1206 lm (A2/P2)
Color Temp-CRI:	Small - 3500K-80, 4000K-80, 2700K-90+, 3000K-90+ Large - 2200K-90+, 2700K-90+, 3000K-90+, 3500K-90+, 4000K-90+, CrispWhite, 3K Class A
Driver:	DALI 1% dim, 0-10V 1% dim
Weight (lbs):	0.4 (DOT-A1), 0.8 (DOT-A2) 0.6 (DOT-P1), 1.1 (DOT-P2)

Slots & Dots

48V Low Voltage Track, Deep Profile Pendant/Surface



PROJECT:

TYPE:

Track Ordering Information



1

2

1

Track Model

SD-TSD-4 - pendant/surface deep profile track, 48"

SD-TSD-8 - pendant/surface deep profile track, 96"

Note: All tracks are field cuttable. SD-TOOL is required for cutting track conductors (ordered separately, see Accessories below)

2

Finish

B - black

W - white

Component Ordering Information

1

2

1

End Cap

(1 required for each end of track run)

SD-EC-TD - end cap

SD-EC-F-TD - end cap with feed hole

Connectors

(required to make electrical connection between tracks)

SD-CNS-POL - middle connector, polarized, straight

SD-CNS-M - middle connector, mechanical, non-electrical

SD-LF-I - L connector, same plane, polarized, internal

SD-LF-E - L connector, same plane, polarized, external

SD-XF-POL* - flex connector, wall to ceiling, polarized

SD-T-I-R - T connector, polarized, internal right

SD-T-I-L - T connector, polarized, internal left

SD-T-E-R - T connector, polarized, external right

SD-T-E-L - T connector, polarized, external left

SD-X - X connector, polarized

***Can be used as in-plane with variable angle**

Mechanical Joints

SD-90D-S - L joint, mechanical

SD-90D-CG-S - L joint with cable gripper, mechanical

SD-TD - T joint, mechanical

SD-TD-CG - T joint with cable gripper, mechanical

SD-XD - X joint, mechanical

SD-XD-CG - X joint with cable gripper, mechanical

End Feed

(1 live feed required for feed end of track)

SD-SF-L-POL - end feed, polarized, left, straight

SD-SF-R-POL - end feed, polarized, right, straight

Mounting Kits

Pendant Mount:

Power Feed Canopy Kit

(1 kit for feed end of track, includes 10' mounting cable w/gripper)

SD-FCAN-S - canopy/feed kit with bracket

Non-Power Feed Canopy Kits/Aircraft Cable

(1 kit for every 36" of track, 55lbs max load)

SD-CAN-L - canopy kit with sliding suspension bracket

636-0264 - canopy kit, black (when suspending to L, T, X Connector with cable gripper)

636-0268 - canopy kit, white (when suspending to L, T, X Connector with cable gripper)

SD-CABLE - 10' mounting cable with gripper & sliding suspension bracket

614-0004 - aircraft cable (with eyehook) only, 10'

See Mounting example on page 13

Surface Mount:

T-Bar Clip Kit

SD-916TKIT - 9/16 T-Bar clip kit

SD-1516TKIT - 15/16 T-Bar clip kit



9/16 T-Bar clip



15/16 T-Bar clip

Accessories

SD-4BLANK - 48" blank to cover track without light module

SD-8BLANK - 96" blank to cover track without light module

SD-TOOL - cutting tool for track conductors



Note: All Blank sections are field cuttable

2

Finish

B - black

W - white

Transformer Ordering Information

1

1

Transformer (connect with 18AWG wire, plenum rated cable supplied, 30' max distance fixture to transformer, 120/277 input, 48V DC output)

TR-48V100W - 100W, 48V transformer with enclosure*, capable of providing 80W of power

TR-48V260W - 260W, 48V transformer with enclosure*, capable of providing 208W of power

TR-48V320W - 320W, 48V transformer with enclosure*, capable of providing 256W of power

*** Enclosure size: 15 11/16" x 4 5/16" x 2 3/16"**

Note: Ensure that the transformer does not exceed 80% of the total wattage in order to maintain its optimal performance.

See pg 13 for voltage drop & max track length information.

Slots & Dots

48V Low Voltage Track, Deep Profile Pendant/Surface



PROJECT:

TYPE:

Specifications - Track

48V Low Voltage Track

Application

48V power supply for Amerlux® track lighting fixtures, 18AWG,
15 Amp

Finish

Black or white

Construction

Architectural grade, extruded aluminum housing
Milled grounding bar provides continuous ground contact
Continuously crimped conductor ensures mechanical strength and
electrical reliability

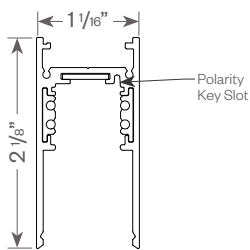
Mounting

Surface or pendant mounted
Max "on center" suspension points, see page 5

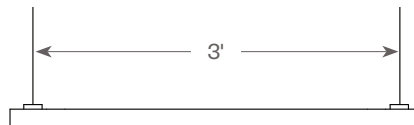
Certifications

cUL listed for dry locations only

TRACK



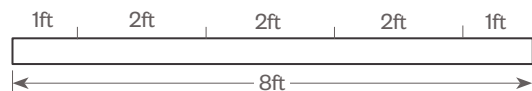
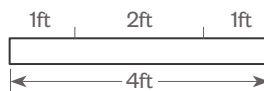
SD-TSD



Max Load: 55 lbs

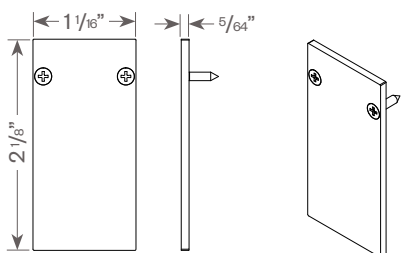
SURFACE MOUNT DETAILS

Mount holes 1' from ends and then every 2'.



END CAPS

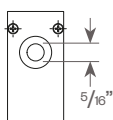
For SD-TSD Track



SD-EC-TD

(Required on each end of a track run)

With Feed hole



SD-EC-F-TD

(Required when feeding track
from the side)

Slots & Dots

48V Low Voltage Track, Deep Profile Pendant/Surface



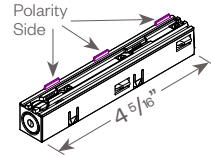
PROJECT:

TYPE:

END FEED

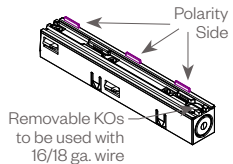
End Feed

Left Polarity



SD-SF-L-POL

Right Polarity

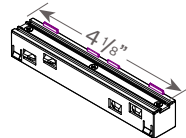


SD-SF-R-POL

CONNECTORS

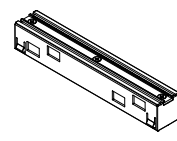
Middle Straight Connector

Polarized



SD-CNS-POL

Mechanical (non-electrical)

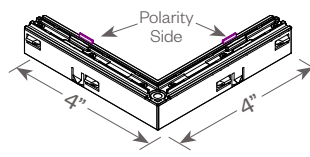


SD-CNS-M

(Used to create dead ends in between two sections of track)

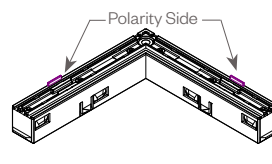
L Connector

Internal Polarity



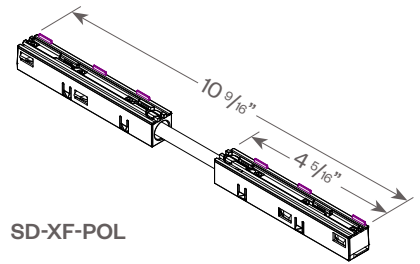
SD-LF-I

External Polarity



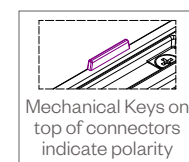
SD-LF-E

Flex Connector



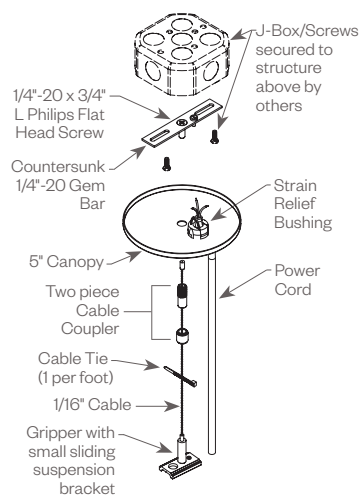
SD-XF-POL

Note:



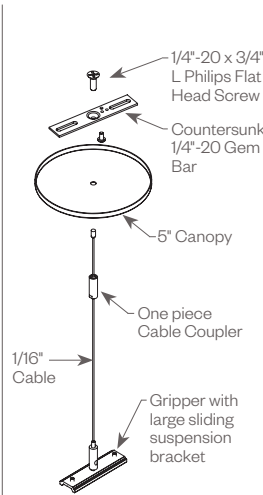
MOUNTING KITS

PENDANT MOUNT:



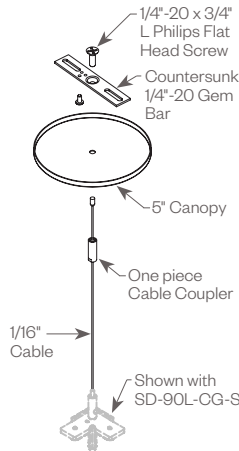
Power Feed
(with sliding suspension bracket)

SD-FCAN-S



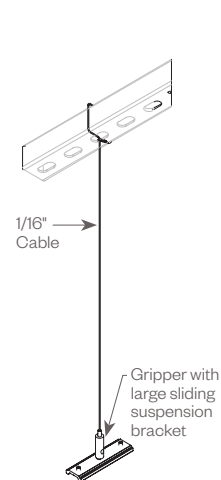
Non-Power Feed
(with sliding suspension bracket)

SD-CAN-L



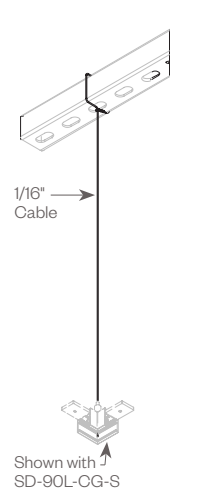
Non-Power Feed
(when suspending to L, T, X Connector with cable gripper)

636-0264 (black)
636-0268 (white)



Wrap Around
(with sliding suspension bracket)

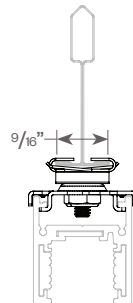
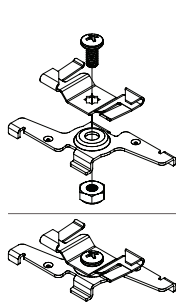
SD-CABLE



Wrap Around Aircraft Cable only
(when suspending to L, T, X Connector with cable gripper)

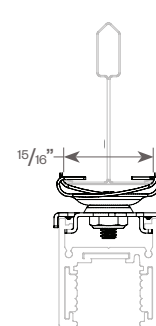
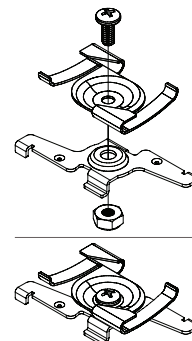
614-0004

SURFACE MOUNT:



9/16 T-Bar Clip

SD-916TKIT-B (black)
SD-916TKIT-W (white)



15/16 T-Bar Clip

SD-1516TKIT-B (black)
SD-1516TKIT-W (white)

Slots & Dots

48V Low Voltage Track, Deep Profile Pendant/Surface

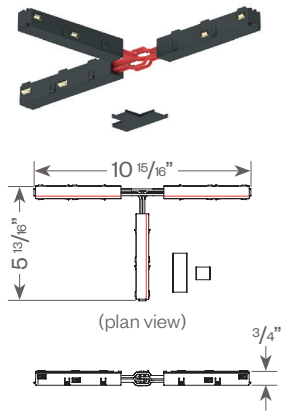


PROJECT:

TYPE:

POLARIZED FEEDS

Polarized T Feed
(Internal Right)

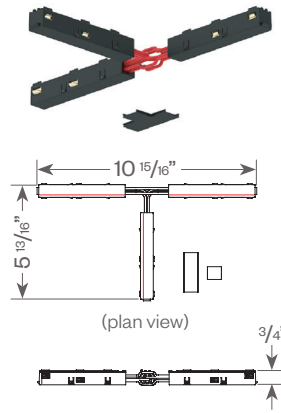


Covers (x2) included

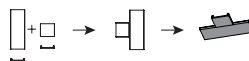


SD-T-I-R

Polarized T Feed
(Internal Left)

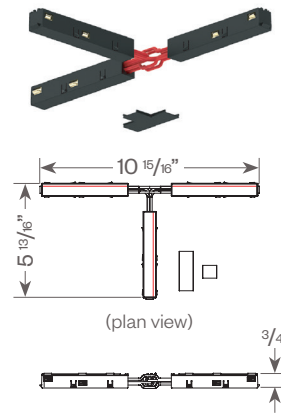


Covers (x2) included



SD-T-I-L

Polarized T Feed
(External Right)

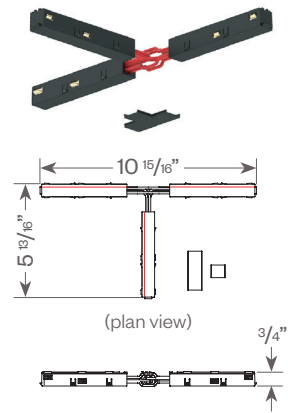


Covers (x2) included

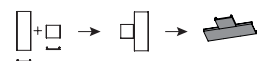


SD-T-I-E

Polarized T Feed
(External Left)

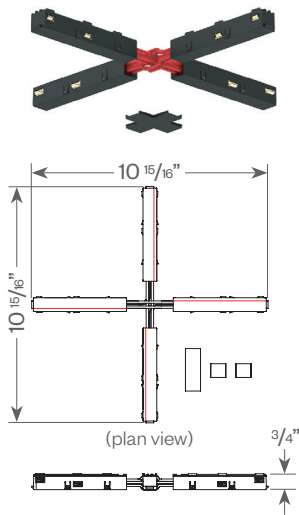


Covers (x2) included

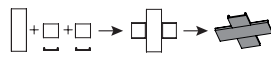


SD-T-E-L

Polarized X Feed



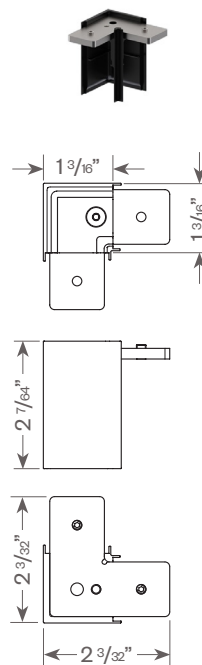
Covers (x3) included



SD-X

MECHANICAL JOINTS

L - Joint

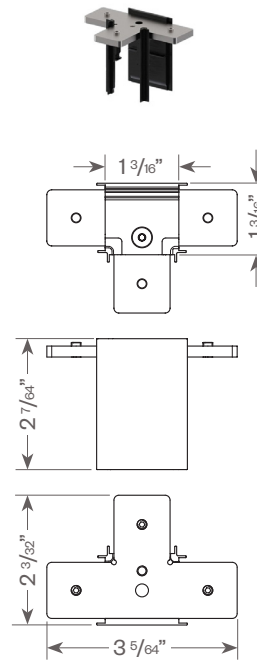


SD-90D-S

With Aircraft Cable Gripper attached:

SD-90D-CG-S

T - Joint

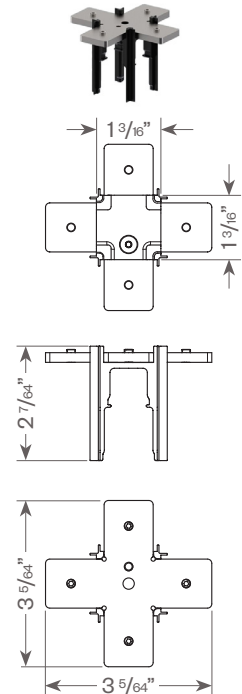


SD-TD

With Aircraft Cable Gripper attached:

SD-TD-CG-S

X - Joint



SD-XD

With Aircraft Cable Gripper attached:

SD-XD-CG-S

Slots & Dots

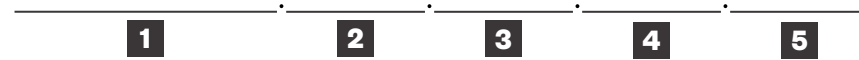
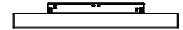
48V Low Voltage Track, Deep Profile Pendant/Surface



PROJECT:

TYPE:

SLOTS ORDERING INFORMATION (Linear Modules)



- | | |
|--|---|
| <p>1 <u>Model</u>
SLOT-OP - linear segment with opal lens
SLOT-PR* - linear segment with microprismatic lens
SLOT-CO - linear segment with comfort lens
SLOT-30* - 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 26° x 42° lens
* Available in 1' & 2' lengths only</p> <p>2 <u>Length</u>
1* - 1' nom. (11 1/4")
2 - 2' nom. (22 5/16")
4 - 4' nom. (44 7/16")</p> | <p>3 <u>Color Temp-CRI</u>
279* - 2700K-90
309 - 3000K-90 (standard)
359* - 3500K-90
409* - 4000K-90</p> <p>4 <u>Finish</u>
B - black (standard)
W* - white</p> <p>5 <u>Driver</u>
DALI - DALI driver, 1% dim
0-10V - 0-10V driver, 1% dim</p> |
|--|---|

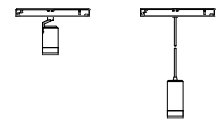
* special order, consult factory for lead times

DOTS ORDERING INFORMATION (Accent Modules)



T24 JA8/Title 24 compliant.

Small Accent/Pendant Module Ordering Information

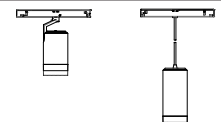


- | | |
|--|---|
| <p>1 <u>Model</u>^{T24} (7W per accent/pendant head)
DOT-A1D - small accent for deep profile track (SD-TSD)
DOT-P1 - small pendant with 10' adjustable cord</p> <p>2 <u>Finish</u>^{T24}
MW - matte white
MB - matte black</p> <p>3 <u>Beam Spread</u>^{T24}
SP - spot, 13°
NF - narrow flood, 18°
FL - flood, 28°</p> | <p>4 <u>Color Temp-CRI</u>
80 CRI
35 - 3500K-80
40 - 4000K-80
90+ CRI^{T24}
279 - 2700K-90+
309 - 3000K-90+</p> <p>5 <u>Driver</u>
DALI - DALI driver, 1% dim
0-10V^{T24} - 0-10V driver, 1% dim</p> <p>6 <u>Accessories</u> (not JA8/Title 24 compliant)
AH - accessory holder
HEX - hexcell louver (requires AH)</p> |
|--|---|

Large Accent/Pendant Module Ordering Information



T24 JA8/Title 24 compliant.



- | | |
|--|--|
| <p>1 <u>Model</u>^{T24} (16W per accent/pendant head)
DOT-A2D - large accent for deep profile track
DOT-P2 - large pendant with 10' adjustable cord</p> <p>2 <u>Finish</u>^{T24}
MW - matte white
MB - matte black</p> <p>3 <u>Beam Spreads</u>^{T24}
SP - spot, 15°
NF - narrow flood, 22°
MFL - medium flood, 25°
FL - flood, 28°</p> | <p>4 <u>Color Temp</u>
90+ CRI^{T24}
229 - 2200K-90+
279 - 2700K-90+
309 - 3000K-90+
359 - 3500K-90+
409 - 4000K-90+
CRISP - CrispWhite
3CLA - 3K Class A</p> <p>5 <u>Driver</u>
DALI - DALI driver, 1% dim
0-10V^{T24} - 0-10V driver, 1% dim</p> <p>6 <u>Options/Accessories</u> (not JA8/Title 24 compliant)
(standard front door accepts up to 2 accessories)
SN - snoot (accepts up to 2 accessories or cross blade + 1 accessory)
HEX - hexcell louver
SOL - solite beam softening lens
CB - cross blade (requires snoot)</p> |
|--|--|

Slots & Dots

48V Low Voltage Track, Deep Profile Pendant/Surface



PROJECT:

TYPE:

Specifications - Light Modules

Slots (Linear Light Module)

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 times during installation and allows for easy reconfiguration

Certifications

cUL listed
Indoor use only

Warranty

5 year limited warranty

Dots (Accent/Pendant Light Module)

Application

Hospitality and retail task lighting

Construction

Complete die-cast optical head construction
No exposed wiring

Optical

Tilt: 0-90° (for accent head)
Rotation: 360°+ (for accent head)
Beam Spreads: A1/P1: Spot, 13°; Narrow Flood, 18°; Flood, 28°
A2/P2: Spot, 15°; Narrow Flood, 22°; Medium Flood, 25°; flood, 28°; wide flood, 45°; very wide flood, 60°
linear spread, 60° x 10°

LED

Color Temp Options*: 2700K, 3000K, 3500K, 4000K
CRI*: 80 typ. or 90+ typ.
R9 Values: A1/P1: 7 (80 CRI), 77 (90+ CRI)
A2/P2: 55 (90+ CRI)
Binning: 3 MacAdam (SDCM)
Life: 50,000+ hrs, > 70% of initial lumens at 50,000 hrs

* see ordering page for details

Electrical

Wattage: 7W (A1/P1), 16W (A2/P2)
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 times during installation and allows for easy reconfiguration

Certifications

CSA listed
Indoor use only
JA8/Title 24 Compliant (see ordering page for options that apply)

Warranty

5 year limited warranty

Slots & Dots

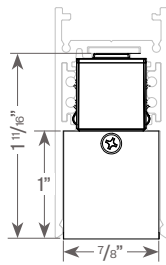
48V Low Voltage Track, Deep Profile Pendant/Surface



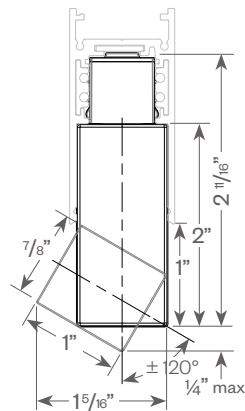
PROJECT:

TYPE:

SLOTS

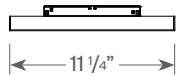


SD-TSD w/SLOT-xx

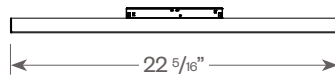


SD-TSD w/SLOT-ADJ-xx

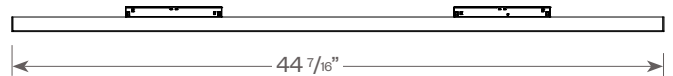
1 FOOT NOMINAL



2 FOOT NOMINAL



4 FOOT NOMINAL



SLOT - LENSES



Opal
(SLOT-OP)



Microprismatic
(SLOT-PR)

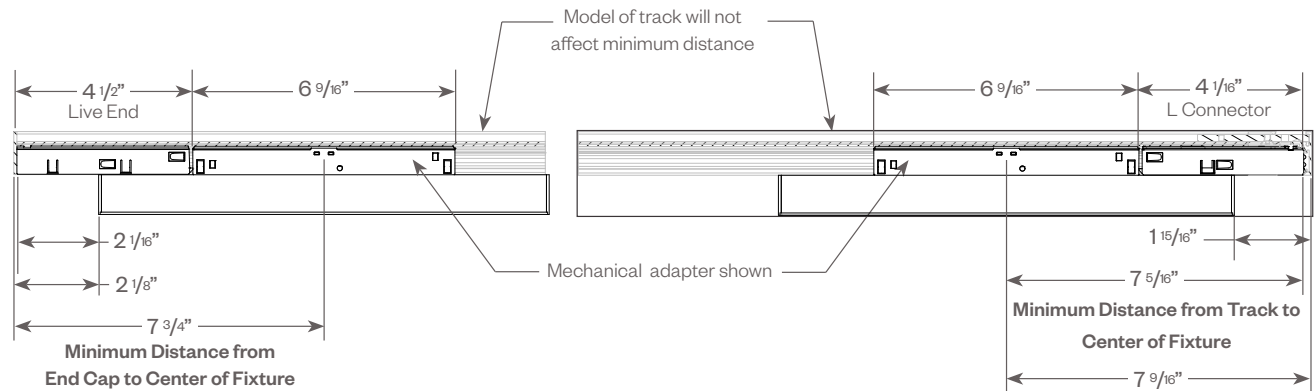


Comfort
(SLOT-CO)



30°
(SLOT-30)

MINIMUM DISTANCE WITH LIVE END & L CONNECTOR



Slots & Dots

48V Low Voltage Track, Deep Profile Pendant/Surface

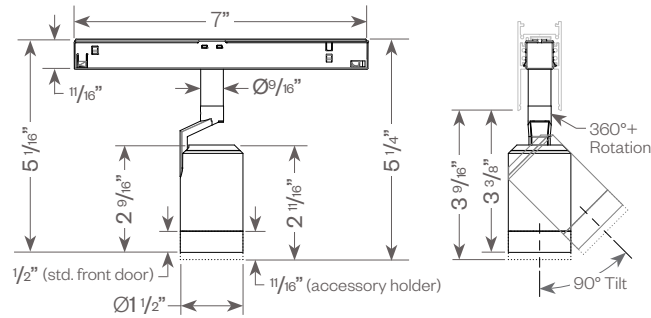


PROJECT:

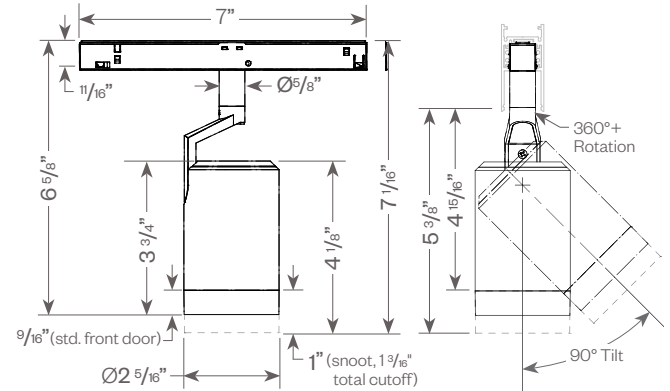
TYPE:

DOTS WITH SD-TSD TRACK (SURFACE/PENDANT DEEP PROILE)

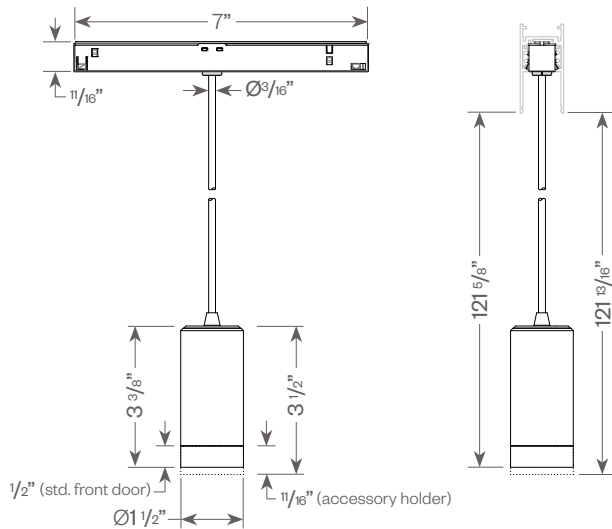
DOT-A1D



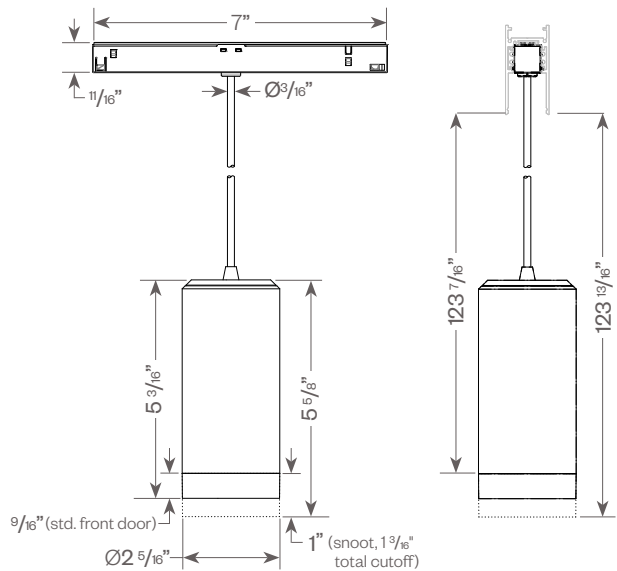
DOT-A2D



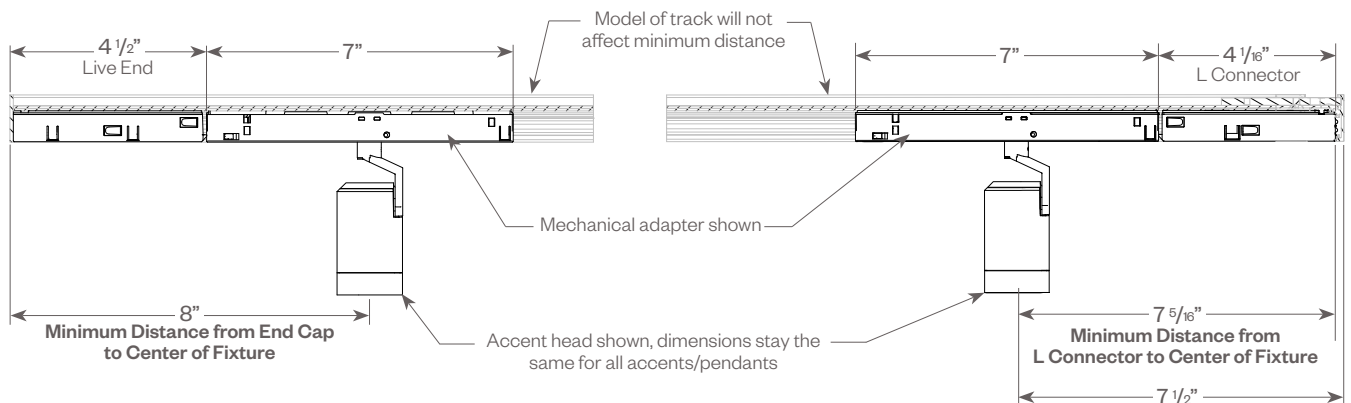
DOT-P1



DOT-P2



MINIMUM DISTANCE WITH LIVE END & L CONNECTOR



Slots & Dots

48V Low Voltage Track, Deep Profile Pendant/Surface



PROJECT:

TYPE:

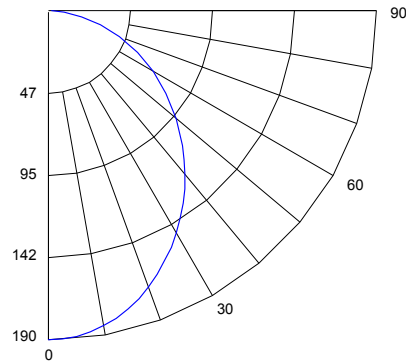
FIXTURE DATA: (Complete photometric data (.ies format) available upon request)

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



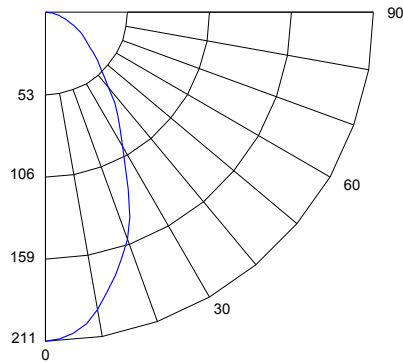
ZONAL LUMEN SUMMARY

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



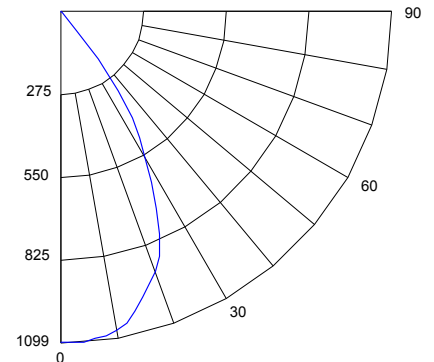
ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-40	60.8	17.7
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



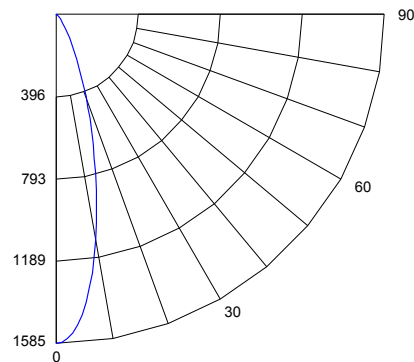
ZONAL LUMEN SUMMARY

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



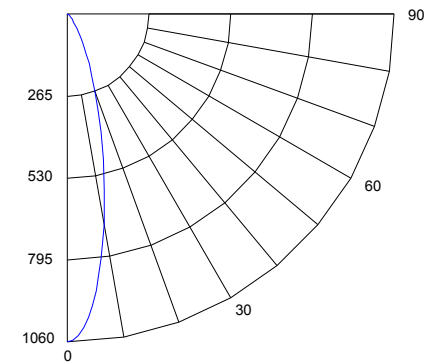
ZONAL LUMEN SUMMARY

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

48V Low Voltage Track, Deep Profile Pendant/Surface



PROJECT:

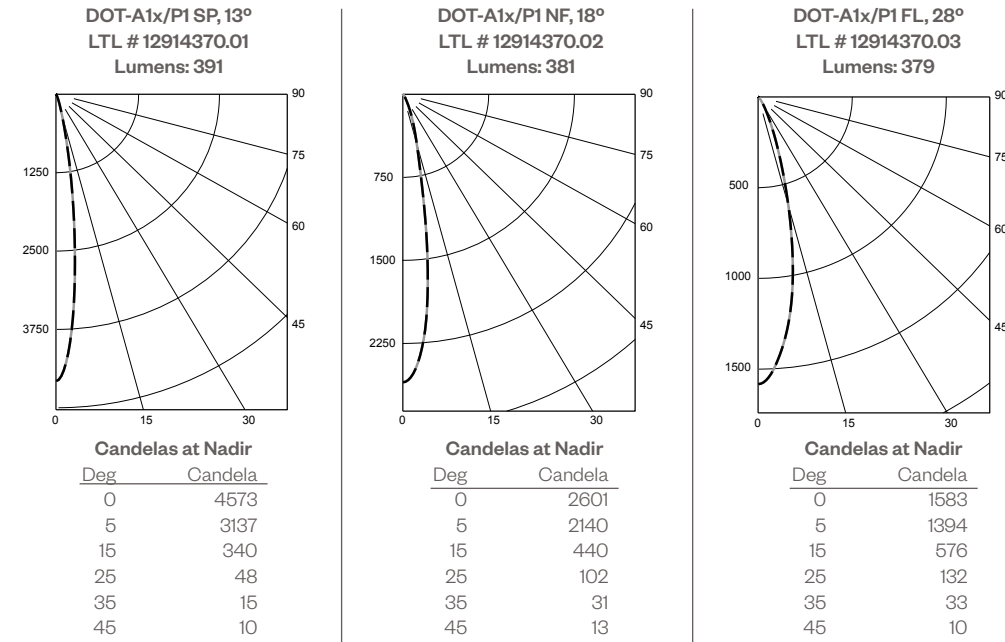
TYPE:

FIXTURE DATA: (Complete photometric data (.ies format) available upon request)

MULTIPLYING FACTORS: (Multiplying Factor is based on 3000K-90+ 120V IES file on website)

CCT:	3500K-80	4000K-80	2700K-90+	3000K-90+
Factor:	1.20	1.25	0.96	1.0

7W LED, 3000K-90+



APPLICATION DATA:

Notes and Definitions:

Beam spread is to 50% center beam candlepower (CBCP).

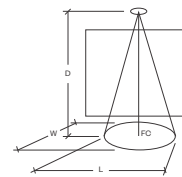
D=Distance to floor or wall.

FC=Footcandles on floor or wall at center beam aiming location.

L=Effective Visual Beam length in feet (50% of maximum footcandle level).

W=Effective Visual Beam width in feet (50% of maximum footcandle level).

CB=Distance across or down to center beam location.



0° Aiming Angle
Horizontal
Footcandles

	D	FC	L	W
	5.0'	102	1.6	1.6
Spot	7.5'	60	2.2	2.2
	10.0'	38	2.8	2.8
	12.5'	26	3.3	3.3
	D	FC	L	W
	5.0'	71	1.9	1.9
Narrow Flood	7.5'	39	2.6	2.6
	10.0'	23	3.3	3.3
	12.5'	16	3.9	3.9
	D	FC	L	W
	5.0'	50	2.5	2.5
Flood	7.5'	25	3.4	3.4
	10.0'	15	4.5	4.5
	12.5'	10	5.5	5.5

Slots & Dots

48V Low Voltage Track, Deep Profile Pendant/Surface



PROJECT:

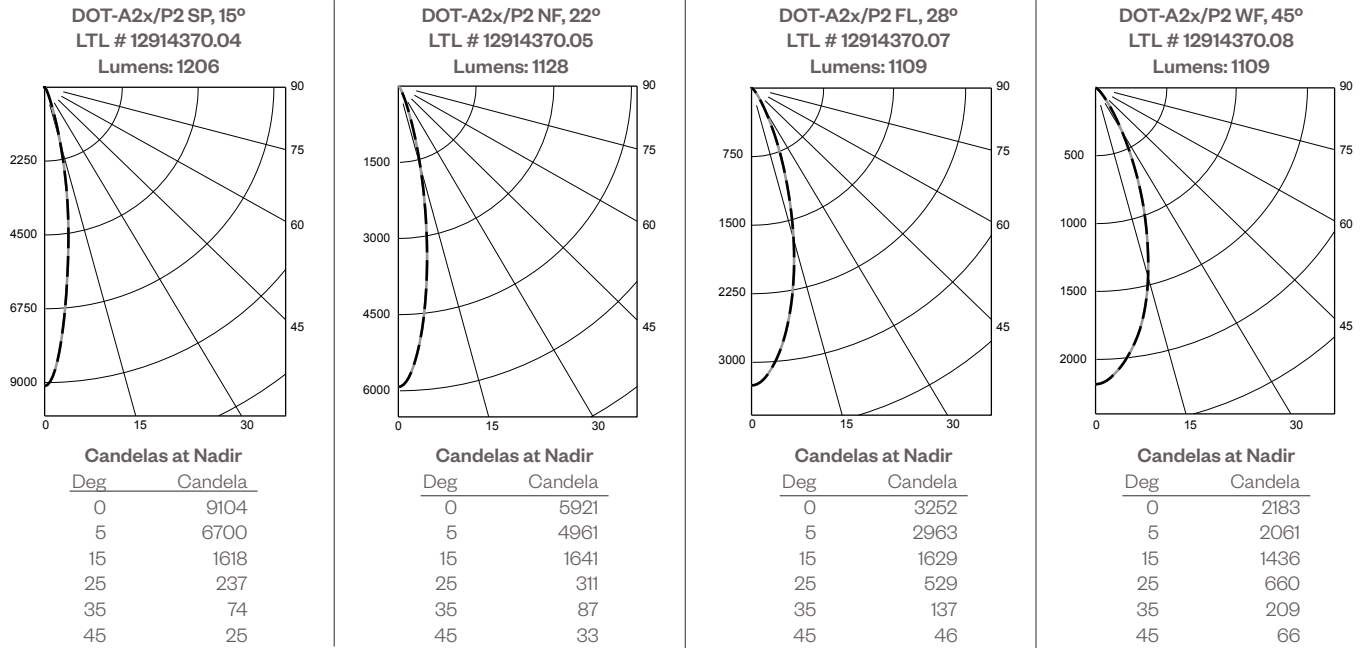
TYPE:

FIXTURE DATA: (Complete photometric data (.ies format) available upon request)

MULTIPLYING FACTORS: (Multiplying Factor is based on 3000K-90+ 120V IES file on website)

CCT:	2200K-90	2700K-90	3000K-90	3500K-90+	4000K-90+	CRISP	3CLA
Factor:	0.86	0.96	1.0	1.05	1.08	0.76	0.90

16W LED, 3000K-90+



APPLICATION DATA:

Notes and Definitions:

Beam spread is to 50% center beam candlepower (CBCP).

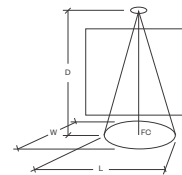
D=Distance to floor or wall.

FC=Footcandles on floor or wall at center beam aiming location.

L=Effective Visual Beam length in feet (50% of maximum footcandle level).

W=Effective Visual Beam width in feet (50% of maximum footcandle level).

CB=Distance across or down to center beam location.



0° Aiming Angle
Horizontal
Footcandles

	D	FC	L	W
Spot	5.0'	232	2.0	2.0
	7.5'	126	2.7	2.7
	10.0'	77	3.3	3.3
	12.5'	52	4.0	4.0
Narrow Flood	5.0'	174	2.3	2.3
	7.5'	90	3.1	3.1
	10.0'	54	3.9	3.9
	12.5'	35	4.8	4.8
Flood	5.0'	109	2.9	2.9
	7.5'	53	3.9	3.9
	10.0'	31	5.2	5.2
	12.5'	20	6.5	6.5
Wide Flood	5.0'	77	3.4	3.4
	7.5'	37	4.9	4.9
	10.0'	21	6.5	6.5
	12.5'	14	8.0	8.0

Slots & Dots

48V Low Voltage Track, Deep Profile Pendant/Surface



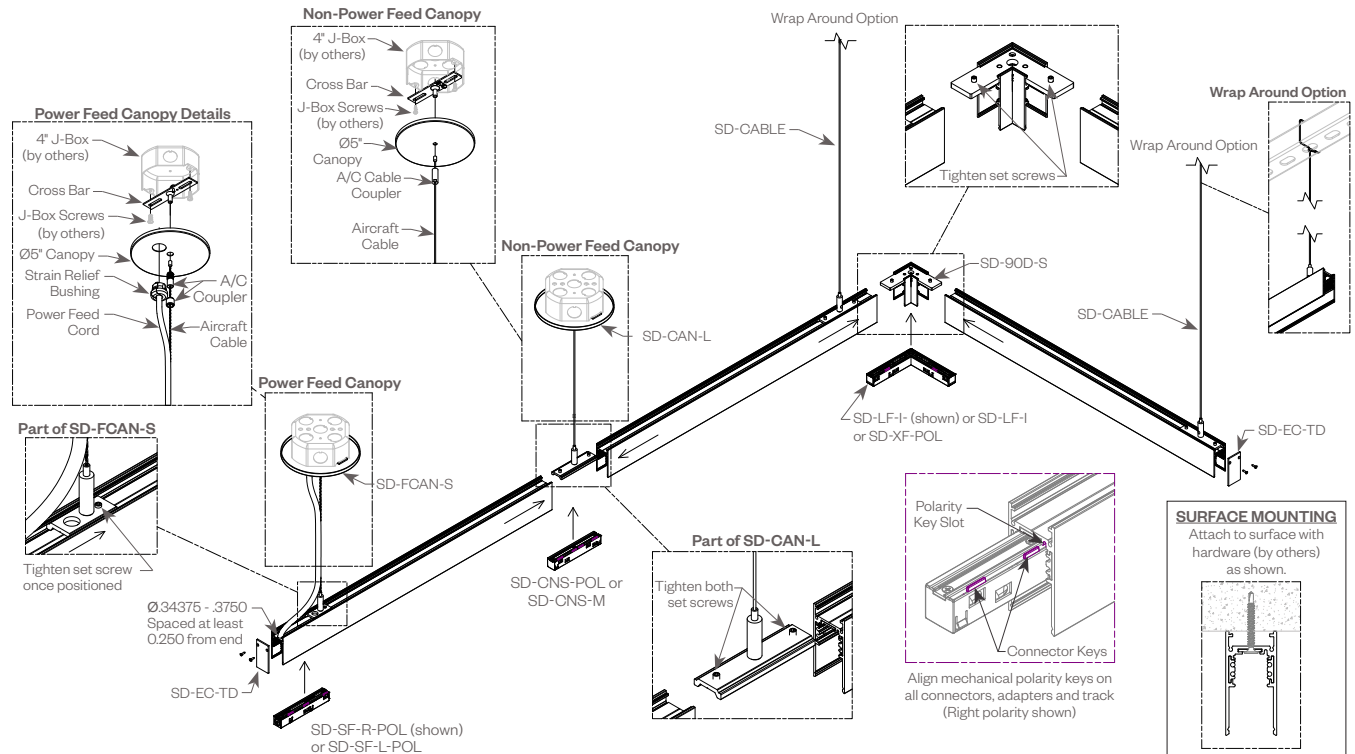
PROJECT:

TYPE:

TSD TRACK BREAKDOWN

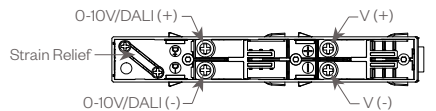
NOTES:

1. Junction Box not included for canopy mounting
2. 48V Transformer is remote mounted no further than 30'. Wires from transformer to J-Box are to be 16 ga.

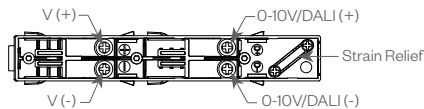


END FEED WIRING

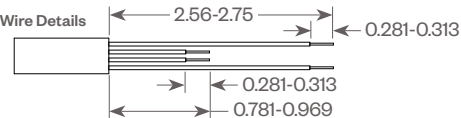
Left End Feed



Right End Feed

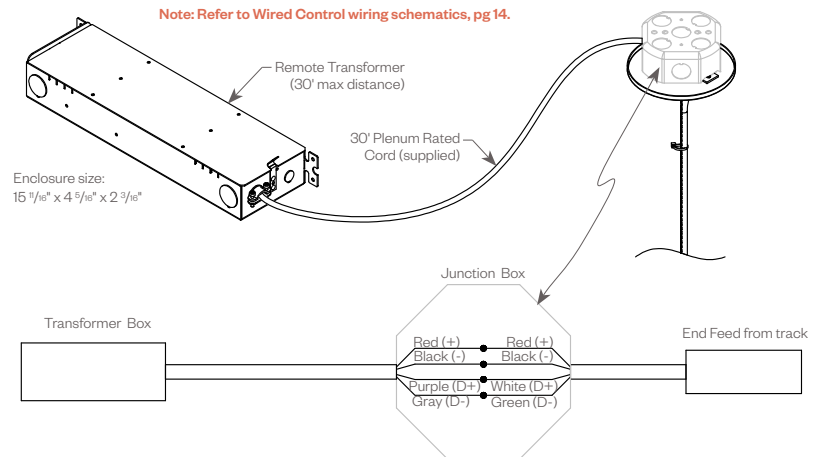


Wire Details



PENDANT WIRING

Note: Refer to Wired Control wiring schematics, pg 14.



VOLTAGE DROP

Maximum allowed track length for a 30' plenum rated cable supplied by Amerlux according to the selected wattages.

Power Supply (W)/	Max.Track Length (ft)
100W	750
260W	200
320W	150

Voltage drop approximately 12.5%, 6V

Note: Ensure that the transformer does not exceed 80% of the total wattage in order to maintain its optimal performance.

Slots & Dots

48V Low Voltage Track, Deep Profile Pendant/Surface



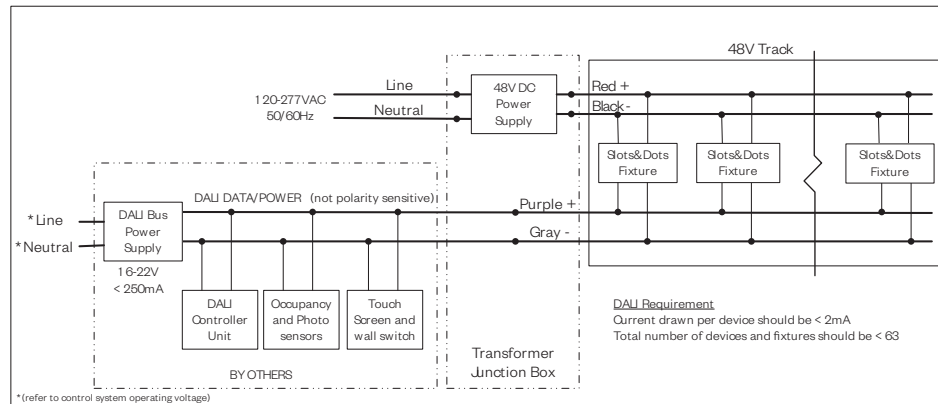
PROJECT:

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.

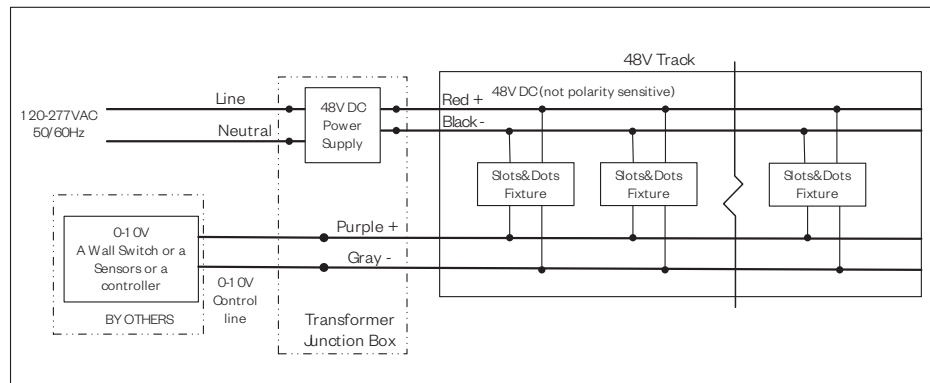
WIRED CONTROL - DALI



SUGGESTED SWITCHES FOR WIRED CONNECTION

Manufacturer	Model	
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

Lutron "Diva" - DTV with PP-120H Interface
Leviton Renoir II 0-10V

Central System

Lutron Grafik Eye with GRX-TVI Interface

Notes:

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

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