

SPEQ-S-SNSP

Small Cylinder Track Head, **Super Narrow Spot**



PROJECT:

TYPE:

Features

A tight sub-10° with high Center Beam Candlepower and no spill or secondary beam preventing the light from spreading beyond the intended area, creating a clean and well-defined light pattern. The Super Narrow Spot track head allows for precise control over the direction of the light, allowing designers to create dramatic effects or draw attention to specific elements. It's a powerful lighting solution that enhances the visual impact of your space and adds a touch of elegance and sophistication to your decor.



SPEQ-S-SNSP

Product Overview

Type: Track Accent & Display
Wattage: 8W
Color Temp: 2400K, 2700K, 3000K, 3500K, 4000K
CRI: 90+ typ.
Dimming: TRIAC & ELV, 5% Dim, 120VAC
Weight: 1.5 lbs (*without accessories*)

Certifications



Fixture Summary

Performance Data

Watts	Delivered Lumens	LPW	CBCP	Color Temp-CRI
8	522	52.3	14,700	3000K-90+

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

Electrical Data

8W		
Voltage	System Watts	Amps
120V	8.4	0.07

Electronic constant current LED driver.

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Ordering Information

SPEQ-S-SNSP	8			120		LE/TE	
1	2	3	4	5	6	7	8

1	Model	2	Wattage	3	Finish
	SPEQ-S-SNSP		8		WT white texture BT black texture ST silver texture <i>Other finishes, consult factory</i>

4	Mounting	5	Voltage	6	Color Temp
	TN1 Global GES /H-Style, 1 circuit, 120V TEK Global TEK 2 circuit/ 2 neutral, 120V TN3 Global XTS 3 circuit, 120V CT J-Style 1 or 2 circuit, 120V LOL L-Style 1 circuit, 120V C canopy, 120V CCL2-SCP C-clamp, black, with straight cord*, 6' 120V CCL2-CCP C-clamp, black, with coil cord*, 5' 120V <i>Notes: * Black cord used for BT & ST finish. White cord used for WT finish.</i>		120		<u>90+ CRI</u> 249 2400K-90+ 279 2700K-90+ 309 3000K-90+ 359 3500K-90+ 409 4000K-90+

7	Driver	8	Options/Accessories
	LE/TE TRIAC/ELV dimming, 120V only		<i>(standard front door accepts up to 2 accessories)</i> HEX hexocell louver SOL solite beam softening lens SN snoot <i>(accepts up to 2 accessories)</i>



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Specifications

Application

Retail, Museum, Gallery, Hospitality and Commercial accent and display lighting

Construction

Complete die-cast aluminum construction
No exposed wiring

Optical

TIR optical system
0-90° tilt, 360° rotation
Tilt indicating marks for common tilt positioning
Beam Spreads: Super Narrow Spot 9.6°

LED

Color Temp Options: 2400K, 2700K, 3000K, 3500K, 4000K
CRI: 90+ typ.
R9 Values: 55 (90+ CRI)
Binning: 3-step MacAdam ellipse (SDCM)
Life: 50,000+ hrs, > 70% of initial lumens at 50,000 hrs

Electrical

Wattage: 8W
Electronic constant current LED driver, 120VAC input
This product complies with IEEE C62.41 for surge endurance up to 2.5KV. Amerlux® recommends using additional surge protection with this unit (supplied by others), surge and over voltage damage is not covered under warranty.

Driver

LE/TE - Leading Edge (Triac, Forward Phase) or Trailing Edge (ELV, Reverse Phase) autosensing driver dims down to 5% on most dimming systems.
Driver rated for A/C voltage input +/- 10%
See dimming page for more information.

Finish

Powder coat paint.
Standard colors: White Texture, Black Texture, Silver Texture
Consult factory for custom RAL powder coat finishes

Mounting

Track, canopy and c-clamp.
Note: Recommend track fixture mounting to horizontal surface mounted/pendant mounted track only

Certifications

Approved to UL standards as tested by CSA.
Intended for indoor use only.

Warranty

5 year limited warranty



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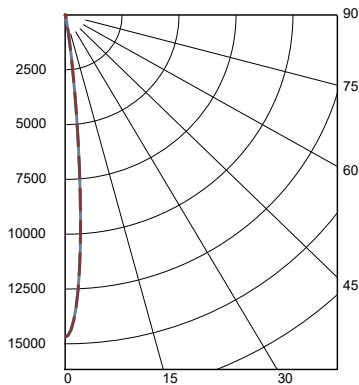
Performance Data

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

CCT:	2400K-90+	2700K-90+	3000K-90+	3500K-90+	4000K-90+
Factor:	0.87	0.96	1.0	1.05	1.07

10W LED, 3000K-90+

Super Narrow Spot (SNSP), 9.6°
LTL # 15175288.01
Lumens: 522



Candelas at Nadir

Deg	Candela
0	14700
5	6914
15	173
25	46
35	9
45	3

Application Data

Notes and Definitions:

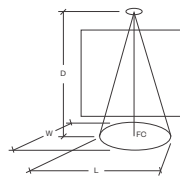
Beam spread is to 50% center beam candlepower (CBOP).

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).



0° Aiming Angle
Horizontal
Footcandles

	D	FC	L	W
SUPER NARROW SPOT	5.0'	210	1.3	1.3
	7.5'	151	1.5	1.5
	10.0'	106	1.9	1.9
	12.5'	76	2.4	2.4



Delta Intelligent Building Technologies

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Dimming Compatibility

Amerlux® SPEQ® fixtures are compatible with all major dimming protocols prevalent in the United States. Please see below for general compatibilities and 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 ---

TRIAC (Forward Phase) Dimming (Standard)

Utilizes standard TRIAC dimmers that are in wide use in installations across the US. Best for retrofit applications where TRIAC dimmers are installed.

Notes:

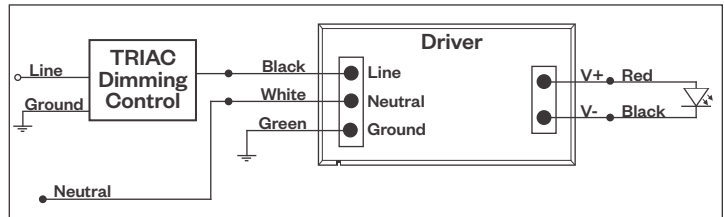
- 120VAC only
- Dims down to 5% light output (*most cases*)
- Consult Dimming manufacturer for installation instructions - **DO NOT SHARE NEUTRALS!**
- Must meet dimmer Minimum Load Requirements per dimming manufacturer

Compatible Dimmers*:

Wall Box (TRIAC 120VAC)

Lutron "Diva"
Lutron "Nova-T"
Lutron "Maestro"
Lutron "Skylark"

TRIAC Wiring Diagram



ELV - Electronic Low Voltage (Reverse Phase) Dimming (Standard)

Utilizes specialized "ELV" dimmers.

Notes:

- 120VAC only
- Dims down to 5% light output (*most cases*)
- Consult Dimming manufacturer for installation instructions - **DO NOT SHARE NEUTRALS!**
- Must meet dimmer Minimum Load Requirements per dimming manufacturer

Compatible Dimmers*:

Wall Box (ELV 120VAC)

Lutron "Diva"
Lutron "Nova-T"
Lutron "Maestro"
Lutron "Skylark"
Leviton "Surslide"
Leviton "Vizio"

ELV Wiring Diagram

