

SPEQ-L Kicker Wall Wash

Large Track Head



PROJECT:

TYPE:

Features

Bring attention, reveal rich textures and bring out the truest colors on wall mounted artwork and merchandise with the architecturally styled SPEQ Kicker Wall Wash. Ideal for murals, galleries and commercial lobby applications, the newest addition to the SPEQ architectural track head family complements its clean aesthetic and provides dramatic wall washing down walls with a uniform look. The fixture features a cut front snoot and kick optics, has no visible heat sink or venting, and the integral driver is fully featured, with low-end dimming and full 2.5 KV surge protection. For the perfect blend of exceptional aesthetics, optical performance and superior output, look no further than Amerlux's expanding SPEQ family.



SPEQ-L-KWW

Product Overview

Type: Track Wall Wash
Wattage: 33W, 41W, 48W
Color Temp: 2700K, 3000K, 3500K, 4000K
CRI: 83 typ. or 90+ typ.
3K Class A LED's available
Dimming: TRIAC & ELV, 5% Dim, 120/277VAC

Certifications



Fixture Summary

Performance Data

Watts	Delivered Lumens	LPW	Color Temp-CRI
33	1707	51.7	3000K-83
41	2034	49.6	3000K-83
48	2338	49.4	3000K-83

Data is based on 3000K-83 120V IES files available on website.

Electrical Data

	33W		41W		48W	
Voltage	System Watts	Amps	System Watts	Amps	System Watts	Amps
120V	33	0.28	41	0.34	48	0.40
277V	33	0.12	41	0.15	48	0.17

Electronic constant current LED driver.

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Ordering Information

SPEQ-L-KWW				LE/TE		
1	2	3	4	5	6	7
1 Model	2 Wattage	3 Finish	4 Mounting	5 Voltage	6 Color Temp	7 Driver
SPEQ-L-KWW	33 41 48	WT white texture BT black texture ST silver texture <i>Other finishes, consult factory</i>	TN1 Global GES 1cir/H-Style, 120V TEK Global TEK 2cir/2neut, 120V TN3 Global XTS 3cir, 120V TN2 Global HTEK 2cir/2neut, 277V CT J-Style 1 or 2 cir, 120V LOL L-Style 1cir, 120V CPR Capri 1cir, 120V C canopy, 120V or 277V 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>	120 277	83 CRI 27 2700K-83 30 3000K-83 35 3500K-83 40 4000K-83 90+ CRI 279 2700K-90+ 309 3000K-90+ 359 3500K-90+ 409 4000K-90+ 3CLA 3K Class A	LE/TE TRIAC/ELV dimming, 120V only

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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
Unique magnetic dual lock front door

Optical

Amerlux Designed TIR optical system
0-90° tilt, 360° rotation
Tilt indicating marks for common tilt positioning
Kicker Wall Wash optics

LED

Color Temp Options: 2700K, 3000K, 3500K, 4000K
CRI: 83 typ. or 90+ typ.
Class A* 3000K LEDs available
R9 Values: 11 (83 CRI), 55 (90+ CRI)
Binning: 3-step MacAdam ellipse (SDCM)
Life: 50,000+ hrs, > 70% of initial lumens at 50,000 hrs
** Class A LED: Class A LED's have a CRI > 80 and a GAI > 80. CRI defines color "Naturalness" and GAI defines color "Saturation." Both being high delivers rich colors and pure whites.*

Electrical

Wattage: 33W, 41W, 48W
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. 120V only
See dimming pages 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



SPEQ-L Kicker Wall Wash

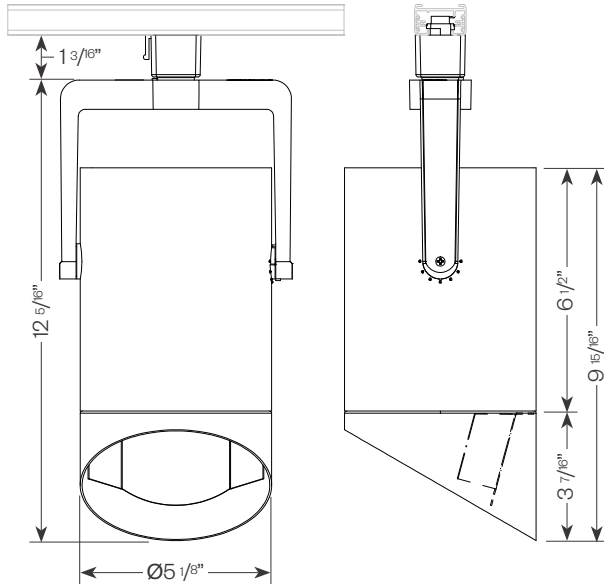
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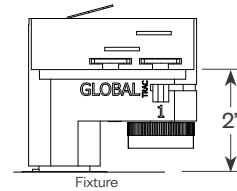
PROJECT:

TYPE:

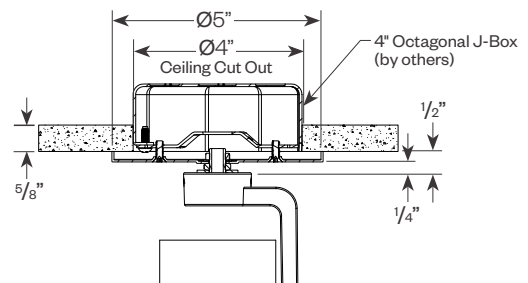
Product Details



TEK/TN3 Track Adapter



Canopy Mount



Large Track Head



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TYPE:

Performance Data

Multiplying Factors: (Multiplying Factor is based on 3000K-83 120V IES file on website)

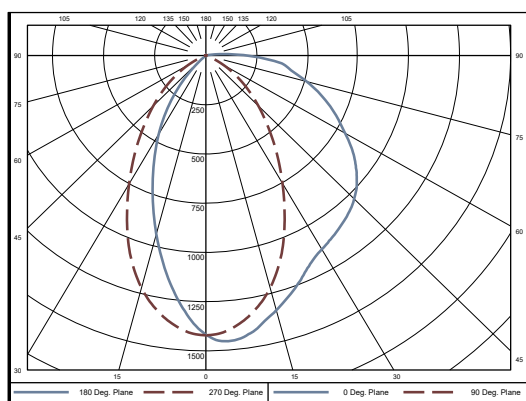
CCT:	2700K-83	3000K-83	3500K-83	4000K-83
Factor:	0.96	1.0	1.02	1.04

Wattage:	33W	41W	48W
Factor:	0.73	0.87	1.0

CCT:	2200K-90+	2700K-90+	3000K-90+	3500K-90+	4000K-90+	3CLA
Factor:	0.71	0.80	0.83	0.87	0.90	0.75

48W LED, 3000K KWW

Kicker Wall Wash
LTL # 14087258.03
Lumens: 2338



Zonal Lumen Summary

Zone	Lumens	%Fixt
0-40	1288	55.1
0-60	1921	82.2
0-90	2318	99.1
90-180	20	0.9

Luminaire Efficacy: 49.4 lm/W

Application Data

Single Fixture
4' off wall

[illegible]

Multiple Fixtures
4' off wall; 4' oc

Distance from ceiling	0.5'	31	34	21	20	31	33	21	20	31	33	20	20	31	33	21	20	31	33	21	21	32	33
	1.5'	60	64	49	48	63	64	49	48	62	64	49	48	62	64	49	48	63	64	50	48	62	63
	2.5'	62	66	58	58	67	68	58	58	67	68	59	58	67	68	59	59	67	68	59	58	66	63
	3.5'	49	53	51	52	55	56	53	53	56	56	53	53	56	56	53	53	55	56	52	51	53	50
	4.5'	37	40	41	41	43	43	43	42	43	44	43	42	43	43	43	43	43	43	42	41	40	38
	5.5'	28	31	32	33	34	34	34	34	34	34	34	34	34	34	34	34	34	34	33	32	31	29
	6.5'	23	24	26	26	27	27	28	28	28	28	28	28	28	28	28	28	27	27	27	26	24	23
	7.5'	19	20	21	22	22	23	23	23	23	23	23	24	24	23	23	23	23	22	22	21	20	19
	8.5'	16	17	18	19	19	20	20	20	20	21	20	20	20	21	20	20	20	20	19	19	18	17



Delta Intelligent Building Technologies

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

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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 ---

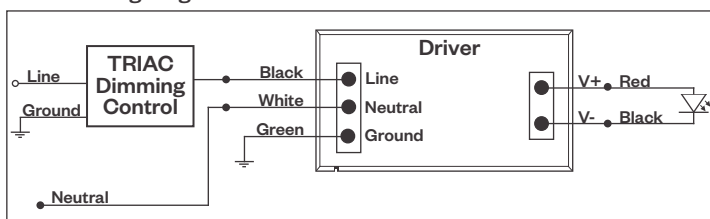
TRIAC (Forward Phase) Dimming

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 or 277VAC*
- 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

TRIAC Wiring Diagram



Compatible Dimmers†:

Wall Box (TRIAC 120VAC)	Central System
Lutron "Diva"	Lutron "GP" Panel
Lutron "Nova-T"	Lutron Grafik Eye QS
Lutron "Maestro"	
Lutron "Skylark"	

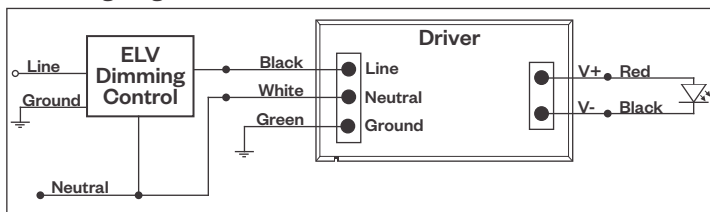
ELV - Electronic Low Voltage (Reverse Phase) Dimming

Utilizes specialized "ELV" dimmers.

Notes:

- 120VAC or 277VAC*
- 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

ELV Wiring Diagram



Compatible Dimmers†:

Wall Box (ELV 120VAC)	Wall Box (ELV 277VAC)	Central System
Lutron "Diva"	Leviton Revoir II AWSMT-E	Lutron "GP" Panel with PHPM-PA 120/277VAC
Lutron "Nova-T"		Lutron Grafik Eye QS with PHPM-PA 120/277VAC
Lutron "Maestro"		
Lutron "Skylark"		
Leviton "Surslide"		
Leviton "Vizio"		

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.