

SPEQ-M Kicker Wall Wash

Medium 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-M-KWW

Product Overview

Type: Track Wall Wash
Wattage: 21W, 26W
Color Temp: 2200K, 2700K, 3000K, 3500K, 4000K
CRI: 83 typ. (2700K, 3000K, 3500K, 4000K)
90+ typ. (2200K, 2700K, 3000K, 3500K, 4000K)
CrispWhite & 3K Class A LED's available
Dimming: TRIAC & ELV, 5% Dim, 120VAC

Certifications



Fixture Summary

Performance Data

Watts	Delivered Lumens	LPW	Color Temp-CRI
21	962	47.8	3000K-83
26	1193	45.9	3000K-83

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

Electrical Data

Voltage	21W		26W	
	System Watts	Amps	System Watts	Amps
120V	21.4	0.18	26	0.22
277V	21.8	0.08	26	0.09

Electronic constant current LED driver.

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Ordering Information

SPEQ-M-KWW

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- 7

1	Model	2	Wattage	3	Finish	4	Mounting
	SPEQ-M-KWW		21 26		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>	

5	Voltage	6	Color Temp	7	Driver
	120 277 (not available for 18W & not available with LE/TE dimming driver)		<u>83 CRI</u> 27 2700K-83 229 2200K-90+ 30 3000K-83 279 2700K-90+ 35 3500K-83 309 3000K-90+ 40 4000K-83 359 3500K-90+ 409 4000K-90+	<u>90+ CRI</u> CRISP CrispWhite 3CLA 3K Class A	LE/TE TRIAC/ELV dimming, 120V only ND non-dimming, 277V 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: 2200K, 2700K, 3000K, 3500K, 4000K
CRI: 83 typ. (2700K, 3000K, 3500K, 4000K)
90+ typ. (2200K, 2700K, 3000K, 3500K, 4000K)
CrispWhite* and 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

* *CrispWhite: CrispWhite Technology delivers the warmth of colors expected from a high 90 CRI solution but also creates the natural crisp white color similar to CMH sources. It creates impactful lighting by revealing the richest whites and vibrant colors that pop.*

** *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: 21W, 26W

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

ND - non-dimming, 277V only (*21W & 26W only*)

All drivers rated for A/C voltage input +/- 10%

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-M Kicker Wall Wash

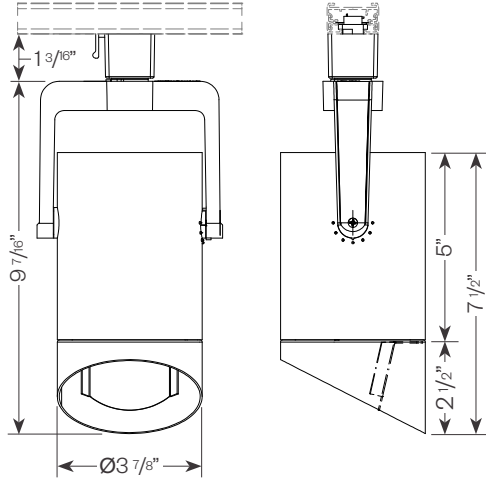
Medium Track Head



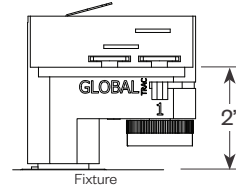
PROJECT:

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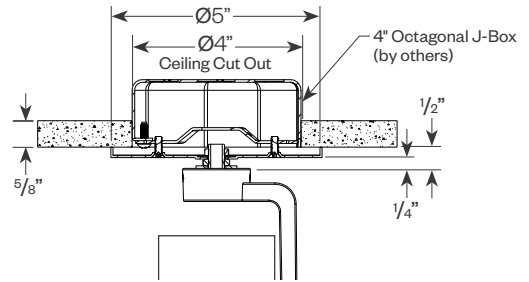
Product Details



TEK/TN3 Track Adapter



Canopy Mount



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Performance Data

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

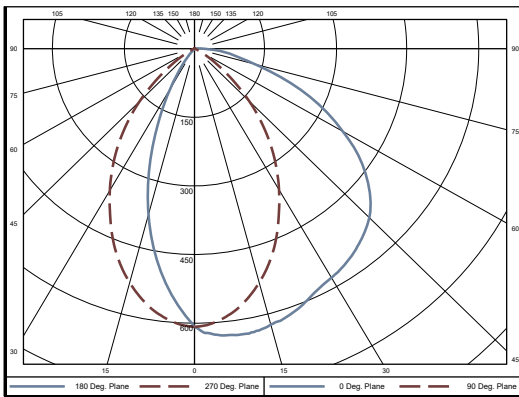
CCT:	2700K-83	3000K-83	3500K-83	4000K-83
Factor:	0.96	1.0	1.02	1.04

Wattage:	21W	26W
Factor:	1.0	1.24

CCT:	2200K-90+	2700K-90+	3000K-90+	3500K-90+	4000K-90+	CRISP	3CLA
Factor:	0.71	0.80	0.83	0.87	0.90	0.65	0.75

21W LED, 3000K KWW

Kicker Wall Wash
LTL # 14087258.02
Lumens: 962



Zonal Lumen Summary

Zone	Lumens	%Fixt
0-40	574	59.7
0-60	852	88.6
0-90	958	99.6
90-180	4	0.4

Luminaire Efficacy: 47.8 lm/W

Application Data

Single Fixture 3' off wall

		□								
Distance from ceiling	0.5'	1.5'	2.5'	3.5'	4.5'	5.5'	6.5'	7.5'	8.5'	
	0	1	3	4	6	8	10	12	15	
	1	1	8	8	10	12	15	18	22	
	1	3	8	15	12	16	20	24	30	
	2	4	10	15	20	25	30	36	45	
	2	4	10	15	20	25	30	36	45	
	2	3	5	6	8	10	12	15	18	
	2	3	5	6	8	10	12	15	18	
	2	3	3	4	5	6	8	10	12	
	2	2	3	3	4	4	5	6	8	
	1	2	2	3	3	3	4	5	6	

Multiple Fixtures 3' off wall; 2.5' oc

		□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□	□
Distance from ceiling	0.5'	1.5'	2.5'	3.5'	4.5'	5.5'	6.5'	7.5'	8.5'										
	4	6	14	17	20	24	28	33	40										
	10	34	65	88	110	135	160	190	230										
	18	36	54	72	90	110	135	160	190										
	17	25	34	44	54	65	78	90	110										
	14	18	23	29	35	42	51	60	72										
	12	14	16	19	22	26	30	36	42										
	10	11	12	14	16	18	21	24	28										
	8	9	10	11	12	14	16	18	21										
	7	8	9	9	10	11	12	14	16										

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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 ---

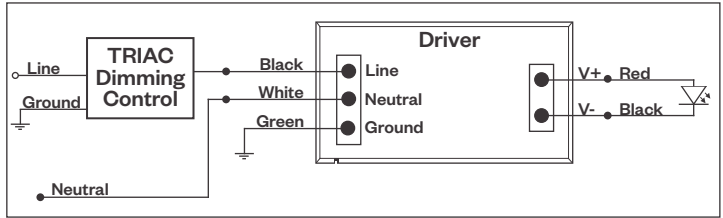
TRIAC (Forward Phase) Dimming (Standard)

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

TRIAC Wiring Diagram



Compatible Dimmers*:

Wall Box (TRIAC 120VAC)

Lutron "Diva"

Lutron "Nova-T"

Lutron "Maestro"

Lutron "Skylark"

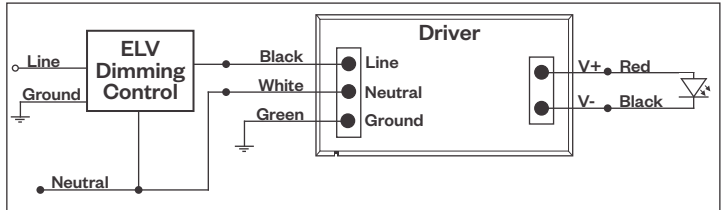
ELV - Electronic Low Voltage (Reverse Phase) Dimming (Standard)

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

ELV Wiring Diagram



Compatible Dimmers*:

Wall Box (ELV 120VAC)

Lutron "Diva"

Lutron "Nova-T"

Lutron "Maestro"

Lutron "Skylark"

Leviton "Surslide"

Leviton "Vizio"