SPEQ-S Kicker Wall Wash

Small Track Head, **Dim-to-Warm**

amerlux

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-S-KWW

Product Overview

Type:	Track Wall Wash
Color Temp:	3000K *(dims to 1800K)*
CRI:	95+ typ
Dimming:	TRIAC & ELV, 5% Dim, 120VAC

Certifications

CSA c us | 5 year limited warranty AMERLUX LED | DTW

Fixture Summary

Electrical Data

	13W	
Voltage	**System Watts**	**Amps**
120V	13	0.11

Electronic constant current LED driver.

Dim-To-Warm CCT Curve

[Graph: X-axis "Dimming (% of Light Output)" ranging 0 to 100; Y-axis "CCT (K)" ranging 1800 to 3200. Curve rises from 1800K at low dimming to 3000K at 100%.]
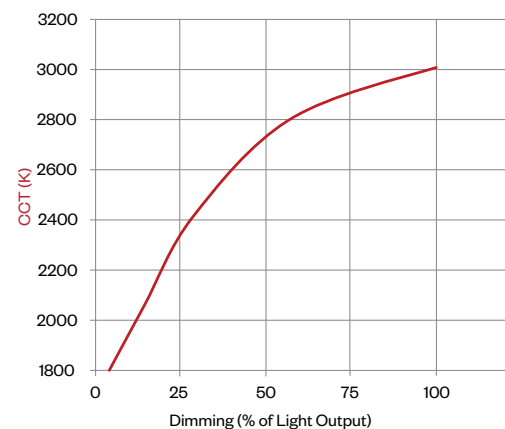
To maintain consistent appearance across product types using dim to warm, Amerlux recommends SPEQ-S-KWW be put on its own dimming circuit.

Delta Intelligent Building Technologies

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PROJECT:	TYPE:

Ordering Information

SPEQ-S-KWW-DTW . _____ . _____ . _____ . 120 . 309 . LE/TE

1   **2**   **3**   **4**   **5**   **6**   **7**

1 Model	**2 Wattage**	**3 Finish**	**4 Mounting**
SPEQ-S-KWW-DTW	**13**	**WT** white texture **BT** black texture **ST** silver texture *Other finishes, consult factory*	**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 ***Notes:** * Black cord used for BT & ST finish. White cord used for WT finish.*

5 Voltage	**6 Color Temp**	**7 Driver**
120	**309** 3000K-90+	**LE/TE** TRIAC/ELV dimming

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SPEQ-S Kicker Wall Wash

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PROJECT:	TYPE:

Specifications

Application

Retail, Museum, Gallery, Hospitality and Commercial wall wash lighting

Construction

Complete die-cast aluminum construction
No exposed wiring
Unique magnetic dual lock front door

Optical

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

LED

Color Temp Options: 3000K *(dims to 1800K)*
CRI: 95+ typ.
R9 Values: 85 *(95+ CRI)*
Binning: 3-step MacAdam ellipse *(SDCM)*
Life: 50,000+ hrs, > 70% of initial lumens at 50,000 hrs

Electrical

Wattage: 13W
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: Track fixture mounting recommended only to horizontal mounted track.

Certifications

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

Warranty

5 year limited warranty

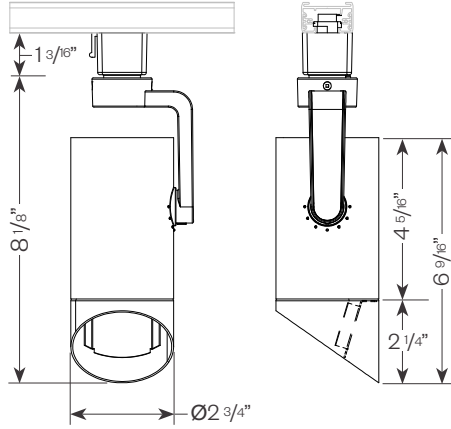 **Delta Intelligent Building Technologies**

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PROJECT:	TYPE:

Product Details

TEK/TN3 Track Adapter

GLOBAL TRAC
1
2"
Fixture

Canopy Mount

Ø5"
Ø4"
Ceiling Cut Out
4" Octagonal J-Box (by others)
½"
⅝"
¼"

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Small Track Head, **Dim-to-Warm**

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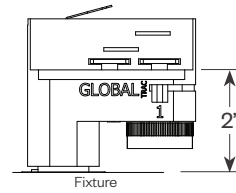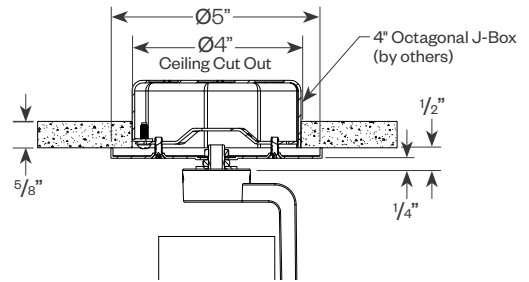
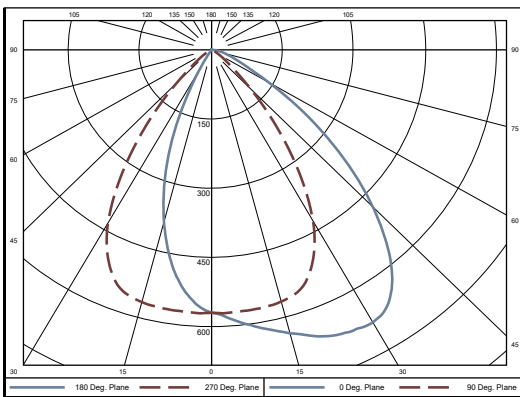| PROJECT:	TYPE:

Performance Data

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

NOTE: Below data is based on standard SPEQ-S-KWW 15W fixture.
For 13W Dim-To -Warm performance, apply a multiplying factor of 0.68 to the data below.

15W LED, 3000K KWW

Kicker Wall Wash
LTL # 14087258.01
Lumens: 822

Zonal Lumen Summary

Zone	Lumens	%Fixt
0-40	613	74.6
0-60	796	96.8
0-90	820	99.8
90-180	2	0.2

Luminaire Efficacy: 52.1 lm/W

Application Data

Single Fixture
3' off wall

Distance from ceiling										
0.5'	0	0	1	1	1	1	1	1	0	0
1.5'	0	1	1	3	14	14	3	1	1	0
2.5'	1	1	3	13	36	36	13	3	1	1
3.5'	1	2	6	16	25	25	16	6	2	1
4.5'	1	3	7	11	14	14	11	7	3	1
5.5'	2	3	5	7	8	8	7	5	3	2
6.5'	2	3	4	5	5	5	5	4	3	2
7.5'	2	2	3	3	4	4	3	3	2	2
8.5'	2	2	2	3	3	3	3	2	2	2

Multiple Fixtures
3' off wall; 2.5' oc

Distance from ceiling																				
0.5'	2	3	4	3	4	4	4	4	4	4	4	4	4	4	4	4	3	4	3	2
1.5'	4	10	23	12	18	18	12	24	12	18	18	12	24	12	18	18	12	23	10	4
2.5'	9	28	46	40	45	45	41	49	41	45	45	41	49	41	45	45	40	46	28	9
3.5'	15	26	35	40	40	40	41	41	41	41	41	41	41	41	40	40	40	35	26	15
4.5'	14	19	24	28	29	30	30	31	30	30	30	30	31	30	30	29	28	24	19	14
5.5'	12	14	17	19	21	22	22	23	22	22	22	22	23	22	22	21	19	17	14	12
6.5'	10	11	13	14	15	16	17	17	17	17	17	17	17	17	16	15	14	13	11	10
7.5'	8	9	10	11	12	13	13	14	14	14	14	14	14	13	13	12	11	10	9	8
8.5'	7	8	9	9	10	11	11	12	12	12	12	12	12	11	11	10	9	9	8	7

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PROJECT:	TYPE:

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
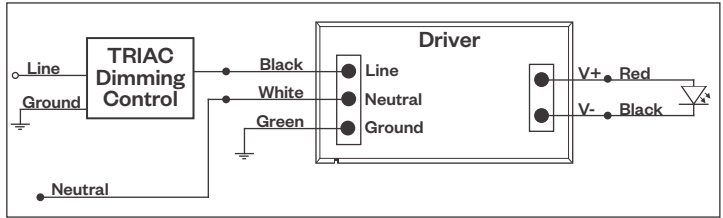
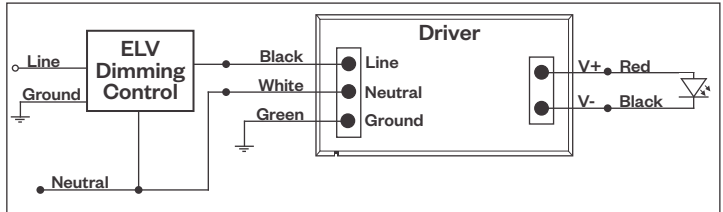| **Compatible Dimmers†:** |
|---|
| **Wall Box** *(TRIAC 120VAC)* |
| Lutron "Diva" |
| Lutron "Nova-T" |
| Lutron "Maestro" |
| Lutron "Skylark" |

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"

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