Evoke® 4.75"
Square Adjustable HP

**amerlux**
A Delta Group Company

Trimmed

Trimless

Features

The second generation Evoke 4.75 now incorporates a High Performance LED module providing impressive performance, higher lumen delivery and consistent color. Features the fit, finish and attention to detail of the existing Evoke line that you've loved since it's introduction in 2006. Available in Round or Square aperture. Suitable for a variety of lighting schemes featuring general accent task and display applications Evoke 4.75" HP gives architects and lighting designers the flexibility to complete sustainable lighting designs.

Product Overview

Fixture Type:	Recessed Adjustable
Wattage:	11, 18, 20
Color Temp:	2700K, 3000K, 3500K, 4000K
CRI:	83 typ. (2700K, 3000K, 3500K, 4000K)
	90+ typ. (2700K, 3000K)
	CrispWhite LED Available (18W max)
Dimming:	ELV & TRIAC (120/277VAC)
	Lutron LDE1 Hi-lume® 1% Soft-On/Fade-to-Black (120/277VAC)
	0-10V (120/277VAC) - 1% Dim
	DALI dimming - 1% Dim
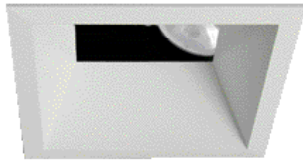
PROJECT:

TYPE:

Fixture Type

Round/Square	New Construction	Trim	Trimless
Yes	Yes	Yes	Yes

See separate spec sheet for Round trim

Electrical Data

	11W		18W*		20W*	
	System Watts	Amps	System Watts	Amps	System Watts	Amps
120V	11	0.09	18	0.15	20	17
277V	11	0.04	18	0.06	20	07

Electronic constant current LED driver
11W is inherently protected
*18W & 20W Includes thermal protector, 2w power consumption

5 year limited warranty
AMERLUX LED

CSA C US

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4.75" Square Adjustable HP

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Housing/Frame Ordering Information

_____._____._____._____._____._____._____._____

1   **2**   **3**   **4**   **5**   **6**   **7**   **8**

1 Model
For New Construction
E4.75SA-HP-NC-A17† (New Construction)
E4.75SA-HP-CP-A17† (Chicago Plenum (CCEA))
E4.75SA-HP-IC-A17† (Insulated Ceiling/air tight, 11W & 18W only)

2 Style
T - trimmed
TL - trimless (not available for use with Grid ceiling)

3 Wattage
11
18
20 (not available for use with IC housing)

4 Voltage
120
277
120/277 (for use with IC housing only)

5 Beam Spreads
SP - spot, 15°
NF - narrow flood, 22°
MFL - medium flood, 25°
FL - flood, 28°
WF - wide flood, 45°

6 Color Temp

83 CRI	90+ CRI	
27 - 2700K-83	**229** - 2200K-90+	**CRISP** - CrispWhite (18W max)
30 - 3000K-83	**279** - 2700K-90+	
35 - 3500K-83	**309** - 3000K-90+	**3CLA** - 3K Class A
40 - 4000K-83	**359** - 3500K-90+	
	409 - 4000K-90+	

7 Driver (for non-dimming, select LE/TE option)
LE/TE - TRIAC/ELV dimming
HILUME-H-ECO - Lutron LDE1 Hi-lume® 1% Soft-On/Fade-to-Black
0-10V - 0-10V dimming, 1% dim
DALI - DALI dimming, 1% dim

8 Options
HB49 - hanger bars from min 29" to max 49"

Trim Ordering Information

E4.75SA-HP-A17_____._____._____

1   **2**   **3**

1 Model
E4.75SA-HP-A17†

2 Style
T - trimmed
TL - trimless (not available for use with Grid ceiling)

3 Finish
For Trimmed Fixture
MWW - matte white, white flange
MBW - matte black, white flange
SLVW - matte silver, white flange
MBB - matte black, black flange

For Trimless Fixture
MW - matte white
MB - matte black
SLV - matte silver

† The "A" refers to the sequential revision in a year and "XX" refers to the year of update. Updates coincide with improved performance while not changing the overall fixture aesthetic and are reflected in the published performance data. Please contact your Amerlux representative for explanations of changes.

Evoke® 4.75"

4.75" Square Adjustable HP

PROJECT: **TYPE:**

Specifications

Application

Retail and commercial accent and display lighting

Housing Construction

20 ga. steel painted matte black
Formed aperture plate
Cast aluminum plaster frame with perforated face (for trimless fixture only)
Integral adjustable locking mounting bars
Thermally protected
Die-cast lamp housing and heatsink

Trim Construction

Die-cast aluminum seamless trim

Optical

0-35° lockable tilt, 360°+ rotation
Beam Spreads: Spot, 14°; Very Narrow Flood, 18°; Narrow Flood, 23°; Flood, 25°; Wide Flood, 44°

LED

Color Temp Options:
    2700K, 3000K, 3500K, 4000K
CRI: 83 typ. (2700K, 3000K, 3500K, 4000K)
    90+ typ. (2700K, 3000K)
    CrispWhite* and 3K Class A** LEDs available (18W max)
R9 Values: 11 (83 CRI), 55 (92 CRI)
Binning: 3 MacAdam (SDCM)
*CrispWhite: CrispWhite Technology delivers the warmth of colors expected from a high 90 CRI solution but also creates the natural crisp white color that is pleasing to the eye. It creates the most impactful lighting ever available, by revealing the richest whites and vibrant colors that pop.

Electrical

Wattage: 11, 18, 20
Electronic constant current LED driver, 120/277VAC 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 damage is not covered under warranty.

Drivers

LE/TE - Leading Edge, TRIAC, forward phase/Trailing Edge,
      ELV, reverse phase
0-10V, Lutron and DALI systems also available
See pages 5-6 for more dimming information

Finish

Wet paint
Consult factory for custom finishes

Mounting

26" Hanger bars included
Optional **HB49** - hanger bars from min 29" to max 49" available
Consult factory for hanger bars greater than 26"
Trimmed Fixture:
For use in grid or sheetrock ceilings, max ceiling thickness 1"
Trimless Fixture:
For use in sheetrock ceilings, max ceiling thickness 5/8"

Certifications

CSA approved to UL standards as tested by CSA
Chicago Plenum (CCEA) option
IC/AT rated option (11W & 18W only)

Warranty

5 year limited warranty

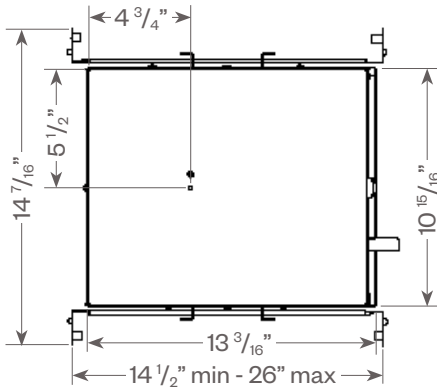LIT-2106 • 02/26/24 • Page 3 of 6
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TYPE:

Evoke Round Adjustable C3M:

4 ³/₄"
5 ¹/₂"
14 ⁷/₁₆"
10 ¹⁵/₁₆"
13 ³/₁₆"
14 ¹/₂" min - 26" max

Trimmed

12 ³/₄"
4 ³/₄"
7"
35°
4 ³/₄"
6"
⁵/₈"
1" max

Ceiling cut out: 5 ¹/₄" sq.

14 ⁷/₁₆"
10 ¹⁵/₁₆"

Trimless

12 ³/₄"
4 ³/₄"
7"
35°
4 ³/₄"
5 ³/₁₆"
⁵/₈"
1" max
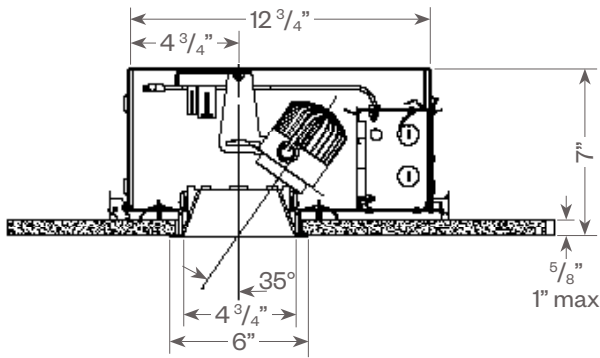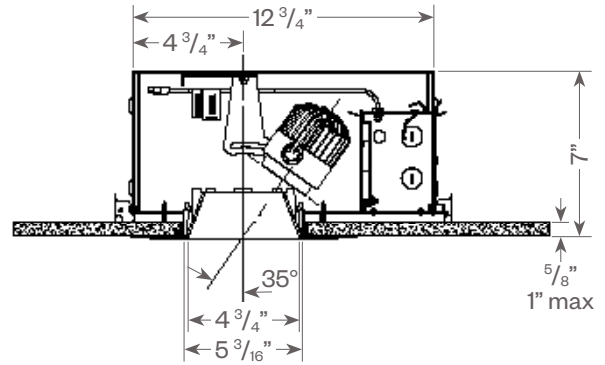
Ceiling cut out: 5 ⁷/₈" sq.

14 ⁷/₁₆"
10 ¹⁵/₁₆"
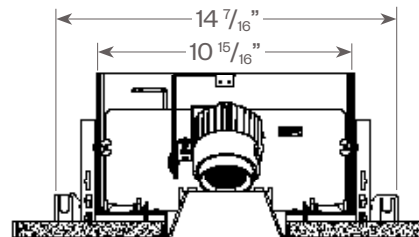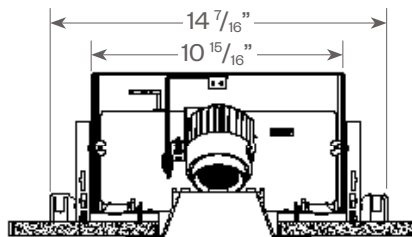
Plaster Frame Installation Detail (for trimless fixture only)

1. Cast Aluminum Plaster Frame
2. Plaster Skim Coat (by others)
3. Ceiling
4. Sheetrock Screw
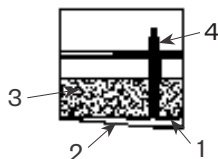
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PROJECT: TYPE:

DIMMING COMPATIBILITY:
Amerlux® Evoke 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 ---
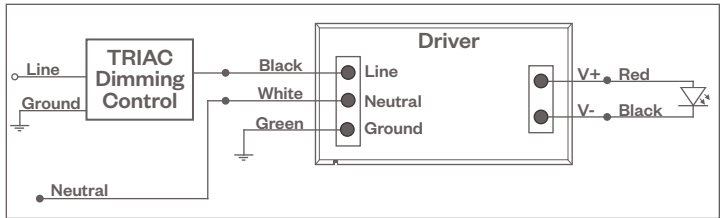
TRIAC (Forward Phase) DIMMING (Standard)
Utilizes standard TRIAC dimmers that are in wide use in installations across the US. Best for retrofit applications where TRIAC dimmers are installed.

Notes:
- 120VAC 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†:

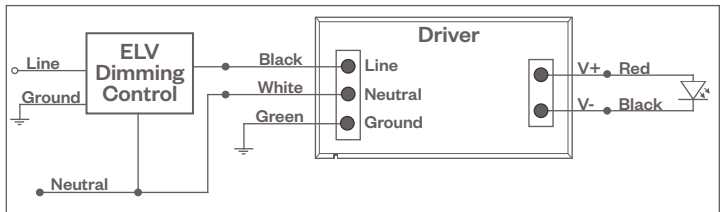| Wall Box (TRIAC 120VAC)	Central System
Lutron "Diva"	Lutron "GP" Panel
Lutron "Nova-T"	Lutron Grafik Eye QS
Lutron "Maestro"	
Lutron "Skylark"	

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

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 manufacturer 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.

Evoke® 4.75"
4.75" Square Adjustable HP

PROJECT: **TYPE:**

DIMMING COMPATIBILITY:

Amerlux® Evoke 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 ---
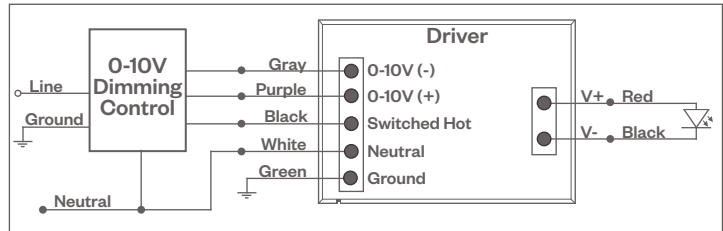
0-10V DIMMING

Integrates into a variety of building management and daylighting controls

Notes:
- 120VAC or 277VAC*
- Dims down to 1% light output
- Requires interface to turn off power to driver
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!

0-10V Wiring Diagram

Compatible Dimmers†:

| Wall Box		Central System
Lutron "Diva" - DVSTV	Leviton Renoir II 0-10V	Lutron Grafik Eye with GRX-TVI Interface

LUTRON LDE1 DIMMING

Integrates into Lutron EcoSystem building management

Notes:
- 120VAC or 277VAC*
- Dims down to 1% Soft-On/Fade-to-Black
- EcoSystem Control
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!

Lutron LDE1 (HILUME-H-ECO)
EcoSystem Digital Control Wiring Diagram
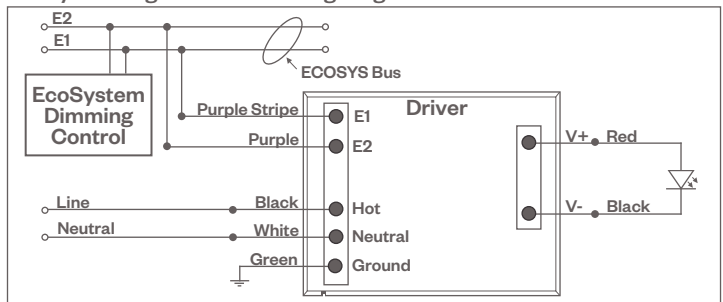
Compatible Dimmers†:

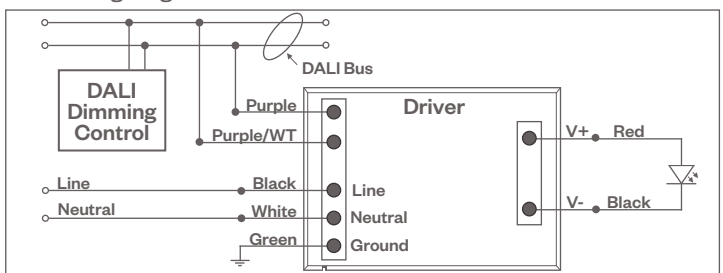| Lutron ECO System	Central System
Pow Pak Dimming Modules	Lutron EcoSystem compatible controls
Energi Savr Node	
Grafik Eye QS/Homeworks	
QS Control Unit	
Quantum Hub	
Homeworks QS/My Room	

DALI DIMMING

Digital control protocol allows individual fixture control

Notes:
- 120VAC - 277VAC*
- Dims down to 1% light output in most cases

Compatible Dimmers†:

Wall Box (3-Wire Fluorescent)	Central System
Leviton CD250 Controller	Dynalite
	Fifth Light

DALI Wiring Diagram

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 manufacturer 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.