

Classix® 6"

6" Round Adjustable C3M



PROJECT:

TYPE:

Features

The Classix Adjustable downlight shines new light on your bigger jobs. With a unique Amerlux® blend of architectural form and function, Classix performs perfectly in large retail and commercial spaces. Designed for higher ceilings, this downlight features high output, various beam options.



Product Overview

Type:	Recessed Round Adjustable
Wattage:	23W
Color Temp:	2200K, 2700K, 3000K, 3500K, 4000K
CRI:	83 typ. (2700K, 3000K, 3500K, 4000K) 90+ typ. (2200K, 2700K, 3000K, 3500K, 4000K) 3K Class A LEDs available
Dimming:	TRIAC & ELV, 5% Dim, 120/277VAC Lutron LDE1 Hi-lume® 1% Soft-On/Fade-to-Black, 120/277VAC 0-10V, 1% Dim, 120/277VAC DALI, 1% Dim, 120/277VAC

Certifications



Fixture Summary

Fixture Type

Round	New Construction	Trim
Yes	Yes	Yes

Electrical Data

23W		
Voltage	System Watts	Amps
120V	23	0.19
277V	23	0.08

Electronic constant current LED driver.

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Ordering Information - Housing/Frame

CLX-RA6-C3M-NC-A17			23											
1			2		3		4		5		6		7	
1 Model			2 Wattage		3 Voltage		4 Beam Spread							
For New Construction			23		120		SP spot, 14°							
CLX-RA6-C3M-NC-A17 (New Construction)					277		VNF very narrow flood, 18°							
							NF narrow flood, 23°							
							FL flood, 34°							
							WF wide flood, 44°							
5 Color Temp			6 Driver (for non-dimming, select LE/TE option)		7 Options/Accessories									
83 CRI			90+ CRI		LE/TE TRIAC/ELV dimming, 5% dim		HB49 hanger bars from min 29" to max 49"							
27 2700K-83			229 2200K-90+		HILUME-H-ECO Lutron LDE1 Hi-lume® 1% dim Soft-On/Fade-to-Black		Note: 26" hanger bars are included as standard.							
30 3000K-83			279 2700K-90+		O-10V 0-10V dimming; 1% dim		Choose HB49 option above for larger mounting spaces only.							
35 3500K-83			309 3000K-90+		DALI EldoLED; 1% dim									
40 4000K-83			359 3500K-90+											
			409 4000K-90+											

Ordering Information - Trim

CLX-RA6-C3M-A17 . .	
1	2
1	Model
	CLX-RA6-C3M-A17
2	Finish
	SDW semi-diffuse, white flange
	SDC semi-diffuse, clear flange (flange finish matches cone finish)

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Specifications

Application

Retail, commercial and hospitality accent and display lighting

Construction

20 ga. steel painted matte black
Formed aperture plate with 5/8" lip
Integral adjustable locking mounting bars
Thermally protected
Die-cast lamp housing and heat sink

Reflector Construction

Spun aluminum self-flanged reflector with angle cut
Semi-diffuse aperture finish in both white and clear flange
Steel mounting ring with torsion spring

Optical

0-35° tilt, 360°+ rotation
Beam Spreads: Spot, 14°; Very Narrow Flood, 18°; Narrow Flood, 23°;
Flood, 34°; Wide Flood, 44°
Field interchangeable spun aluminum reflectors

LED

Color Temp Options: 2200K, 2700K, 3000K, 3500K, 4000K, Class A
CRI: 83 typ. (2700K, 3000K, 3500K, 4000K)
90+ typ. (2200K, 2700K, 3000K, 3500K, 4000K)
Class A* LEDs available
R9 Values: 11 (83 CRI), 55 (92 CRI)
Binning: 3 MacAdam (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: 23W
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 and over voltage damage is not covered under warranty.

Drivers

LE/TE - Leading Edge (Triac, Forward Phase) or Trailing Edge (ELV, Reverse Phase)
0-10V and DALI systems also available
See pages 5-6 for more dimming information

Finish (Trim)

Wet paint

Mounting

For use in T-Grid or GB ceilings; max ceiling thickness 1"
26" Hanger bars included
Optional **HB49** - hanger bars from min 29" to max 49" available
Consult Factory for thicker ceilings

Certifications

CSA damp as tested to UL 1598 standards
Damp location

Warranty

5 year limited warranty



Classix® 6"

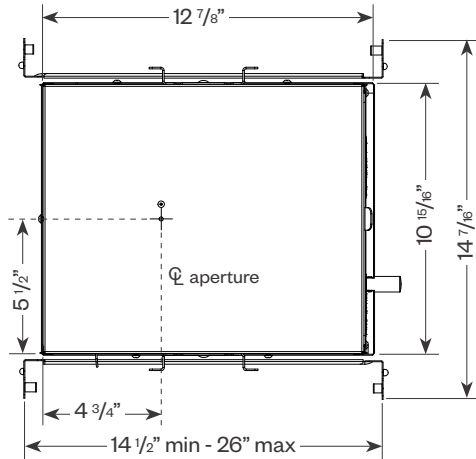
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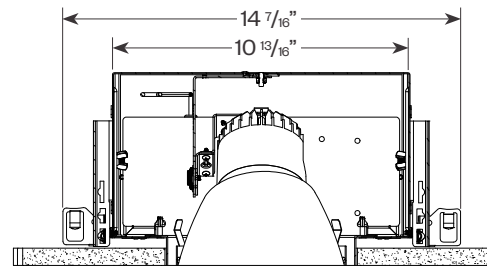
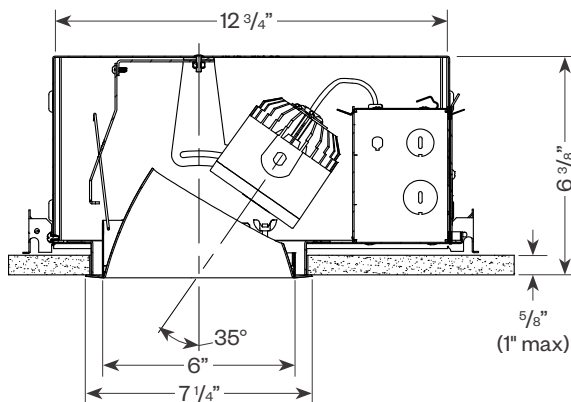
PROJECT:

TYPE:

Product Details



Ceiling Cut Out: 6 7/8" dia.



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Dimming Compatibility

Amerlux® Classix® 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

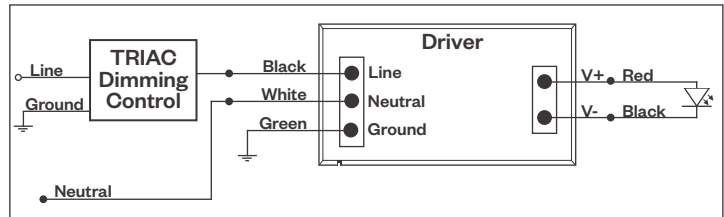
Utilizes standard TRIAC dimmers that are in wide use in installations across the US. Best for retrofit applications where TRIAC dimmers are installed.

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

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

TRIAC Wiring Diagram



ELV - Electronic Low Voltage (Reverse Phase) Dimming

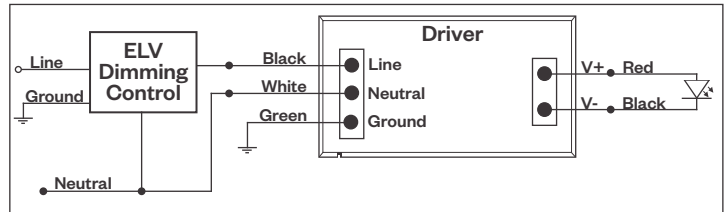
Utilizes specialized "ELV" dimmers.

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

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"		

ELV 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 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.



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 (continued)

Amerlux® Classix® 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 ---

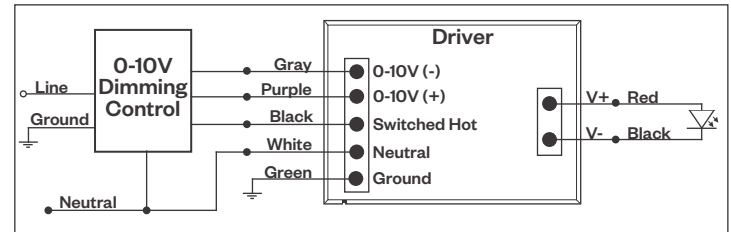
0-10V Dimming

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	Lutron Grafik Eye with GRX-TVI Interface
Leviton Renoir II 0-10V	

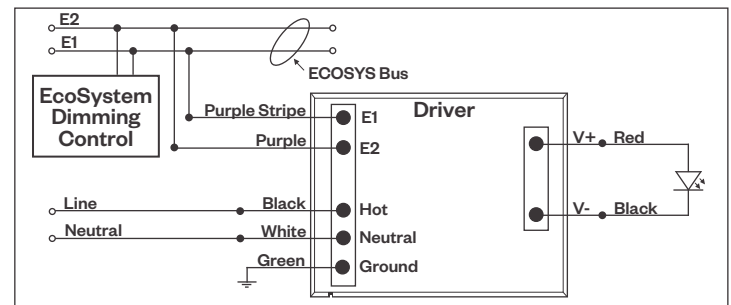
Lutron LDE1 Dimming

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!**

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

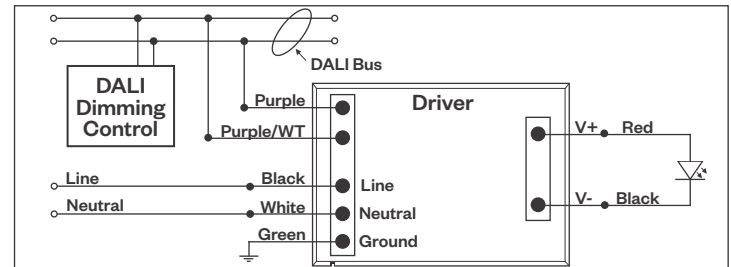
Notes:

- 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 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.