

Cylindrix® III

Recessed Multiples



PROJECT:

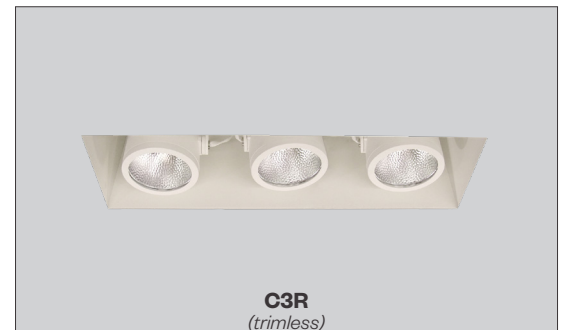
TYPE:

Features

Cylindrix® III Recessed LED, the best combination of optical and thermal performance, aesthetics and visual comfort in an recessed accent. Features a deeply recessed single LED light source for enhanced visual comfort and control, integrated heat sink and high performance interchangeable reflector optics (*for 15°/25°/40° beam spreads only*). A 10° beam spread is also available but not interchangeable with the other beam options. Available in 1, 2 or 3 light configurations.

Product Overview

Type: Recessed Multiple, Accent & Display
Wattage: 16W, 19W, 23W, 27W, 31W
Color Temp: 2700K, 3000K, 3500K, 4000K
CRI: 83 typ. or 90+ typ.
CrispWhite & 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

| # of Heads | New Construction | Remodeler | Trim | Trimless |
|------------|------------------|-----------|------|----------|
| 1 | Yes | No | Yes | Yes |
| 2 | Yes | No | Yes | Yes |
| 3 | Yes | No | Yes | Yes |

See separate spec sheet for Semi-Recessed version.

Performance Data

| Watts | Delivered Lumens | LPW | CBCP | Color Temp-CRI |
|-------|------------------|-------|--------|----------------|
| 16 | 1,700 | 106.3 | 6,921 | 3000K-83 |
| 19 | 2,018 | 119.3 | 8,332 | 3000K-83 |
| 23 | 2,440 | 106.1 | 9,934 | 3000K-83 |
| 27 | 2,880 | 106.7 | 11,726 | 3000K-83 |
| 31 | 3306 | 100.4 | 13,460 | 3000K-83 |

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

Data is "per head" and based on Flood Optic. See pg 7 for other beam spreads.

PROJECT:

TYPE:

Ordering Information - Frame

| C3R/SR-NC-FRAME | | | | | | | |
|-----------------|---|---|--------------------------|--|---------------------|---|------------|
| 1 | 2 | 3 | 4 | 5 | 6 | | |
| 1 | Model | 2 | Style | 3 | # of Heads | 4 | Voltage |
| | C3R/SR-NC-FRAME (new construction) | | T trimmed TL trimless | | 1 2 3 | | 120 277 |
| 5 | Driver (for non-dimming select LE/TE option) | | | 6 | Options/Accessories | | |
| | LE/TE TRIAC/ELV dimming, 5% dim HILUME-H-ECO Lutron LDE1 Hi-lume® 1% dim Soft-On/Fade-to-Black 0-10V 0-10V dimming, 1% dim DALI EldoLED, 1% dim | | | EM* emergency battery pack, available on 2, 3 or 4 light - powers only 1 head of the total fixture * If this option is selected, you must also select EM option in the Trim Ordering section. HB49 - hanger bars from min 29" to max 49" Note: 14 ½" - 25" hanger bars are included as standard. Choose HB49 option above for larger mounting spaces only. | | | |

Ordering Information - Trim

| C3R-NC-TRIM | | | | | | | | | |
|-------------|---|---|---|----|--|---|--|---|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 1 | Model | 2 | Style | 3 | # of Heads | 4 | Wattage | 5 | Finish (for housing, head & trim) |
| | C3R-NC-TRIM (new construction) | | T trimmed TL trimless | | 1 2 3 | | 16 19 23 27 31 | | WT white texture BT black texture ST silver texture Other finishes, consult factory |
| 6 | Voltage | 7 | Beam Spread | | | 8 | Color Temp | | |
| | 120-277 | | 1LT 2LT 3LT NSP* NSP* NSP* (narrow spot, 10°) SP SP SP (spot, 15°) FL FL FL (flood 25°) WF WF WF (wide flood 40°) LS LS LS (linear spread 60°x10°) * Based on availability, lead times may vary, consult factory. | | | | 83 CRI 90+ CRI 27 2700K-83 279 2700K-90+ CRISP* CrispWhite 30 3000K-83 309 3000K-90+ 3CLA* 3000K Class A 35 3500K-83 359 3500K-90+ 40 4000K-83 409 4000K-90+ * Not available for use with NSP beam spread | | |
| 9 | Driver (for non-dimming select LE/TE option) | | | 10 | Options/Accessories | | | | |
| | LE/TE TRIAC/ELV dimming, 5% dim HILUME-H-ECO Lutron LDE1 Hi-lume® 1% dim Soft-On/Fade-to-Black 0-10V 0-10V dimming, 1% dim DALI EldoLED, 1% dim | | | | (standard front door accepts up to 1 accessory) SN34 snoot 3/4" length, exterior finish matches fixture finish, accepts up to 2 accessories SN15 snoot 1-1/2" length, exterior finish matches fixture finish, accepts up to 2 accessories HEX hexcell louver CB cross blade, matte black finish (requires snoot) CL clear glass lens SOL solite beam softening lens EM* emergency battery pack, available on 2, 3 or 4 light - powers only 1 head of the total fixture * If this option is selected, you must also select EM option in the Frame Ordering section. | | | | |

PROJECT:

TYPE:

Specifications

Application

Retail and commercial accent and display lighting

Construction

Formed steel mounting frame with integral mounting bars
Thermally protected (*adds 2W to total fixture wattage*)
Steel driver housing
Steel upper housing and laser cut trim ring
Steel plaster frame (*trimless only*)
Complete die-cast optical head construction
Passive cooled

Optical

Tilt: 0-45°x45° (*Trimmed*), 0-25°x45° (*Trimless*)
Rotation: 360°+
Beam Spreads: Narrow Spot, 10°; Spot, 15°; Flood, 25°;
Wide Flood, 40°; Linear Spread Lens, 60° x 10°

LED

Color Temp Options: 2700K, 3000K, 3500K, 4000K, CRISP, Class A
CRI: 83 typ. or 90+ typ.
CrispWhite* and Class A** LEDs available
R9 Values: 11 (83 CRI), 55 (90+ CRI)
Binning: 3 MacAdam (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 that is pleasing to the eye. It creates the most impactful lighting ever available, 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: 16, 19, 23, 27, 31
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*) autosensing driver dims down to 5% on most dimming systems.
0-10V, Lutron & DALI systems also available
See pages 8-10 for more dimming information

Finish

Powder coat paint
Consult Factory for custom finishes

Mounting

Hanger Bars:
Adjustable hanger bars included (14 1/2" - 25" std.)
Optional **HB49** - hanger bars from min 29" to max 49" available
Trimmed:
For use in T-Grid or GB ceilings; max ceiling thickness 1"
Trimless:
For use in GB ceilings; max ceiling thickness 5/8"
Consult Factory for thicker ceilings

Certifications

OSA listed to UL standards.
Suitable for damp locations
Indoor use only

Warranty

5 year limited warranty

Emergency Battery Pack (EM)

Powers single head of 2, 3 or 4 light multiple at 5.1 watts (*approx. 400 Lm*) for 90 minutes. Not available on 1 light multiple

PROJECT:

TYPE:

Electrical Data

NOTE: System Watts includes an additional 2W for thermal protector power consumption.

1 Light

| | 1 x 16W | | 1 x 19W | | 1 x 23W | | 1 x 27W | | 1 x 31W | |
|---------|--------------|------|--------------|------|--------------|------|--------------|------|--------------|------|
| Voltage | System Watts | Amps | System Watts | Amps | System Watts | Amps | System Watts | Amps | System Watts | Amps |
| 120V | 18 | 0.15 | 21 | 0.18 | 25 | 0.21 | 29 | 0.24 | 33 | 0.28 |
| 277V | 18 | 0.06 | 21 | 0.08 | 25 | 0.09 | 29 | 0.10 | 33 | 0.12 |

Electronic constant current LED driver

2 Light

| | 2 x 16W | | 2 x 19W | | 2 x 23W | | 2 x 27W | | 2 x 31W | |
|---------|--------------|------|--------------|------|--------------|------|--------------|------|--------------|------|
| Voltage | System Watts | Amps | System Watts | Amps | System Watts | Amps | System Watts | Amps | System Watts | Amps |
| 120V | 36 | 0.30 | 42 | 0.35 | 50 | 0.42 | 58 | 0.48 | 66 | 0.55 |
| 277V | 36 | 0.13 | 42 | 0.15 | 50 | 0.18 | 58 | 0.21 | 66 | 0.24 |

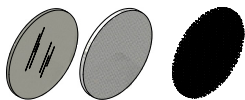
Electronic constant current LED driver

3 Light

| | 3 x 16W | | 3 x 19W | | 3 x 23W | | 3 x 27W | | 3 x 31W | |
|---------|--------------|------|--------------|------|--------------|------|--------------|------|--------------|------|
| Voltage | System Watts | Amps | System Watts | Amps | System Watts | Amps | System Watts | Amps | System Watts | Amps |
| 120V | 54 | 0.45 | 63 | 0.53 | 75 | 0.63 | 87 | 0.73 | 99 | 0.83 |
| 277V | 54 | 0.19 | 63 | 0.23 | 75 | 0.27 | 87 | 0.31 | 99 | 0.36 |

Electronic constant current LED driver

Accessories



Clear lens, Solite lens, Hexocell louver (fits in front door)



Snoot, 3/4" deep



Snoot, 1 1/2" deep

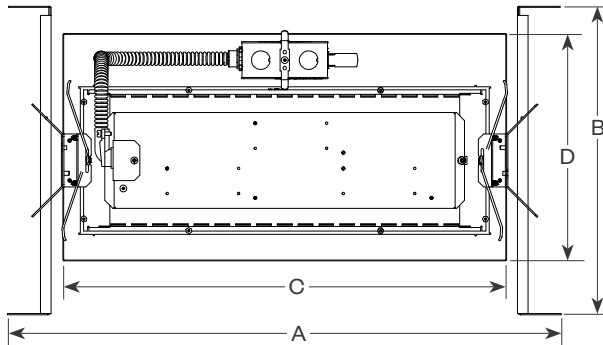


Linear spread lens, Hexocell louver, Cross blade (requires snoot)

PROJECT:

TYPE:

Product Details - Recessed Trimmed

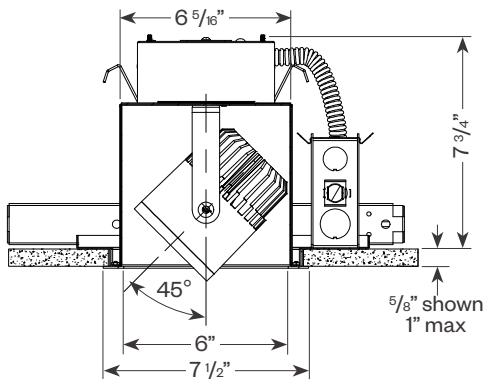


| | 1 Light | 2 Light | 3 Light |
|---|---|---|---|
| A | 13 ³ / ₄ " | 20 ¹ / ₄ " | 25 ¹⁵ / ₁₆ " |
| B | 14 ¹ / ₂ " max 25" | 14 ¹ / ₂ " max 25" | 14 ¹ / ₂ " max 25" |
| C | 8 ⁹ / ₁₆ " | 15 ¹ / ₁₆ " | 20 ³ / ₁₆ " |
| D | 10 ¹¹ / ₁₆ " | 10 ¹¹ / ₁₆ " | 10 ¹¹ / ₁₆ " |

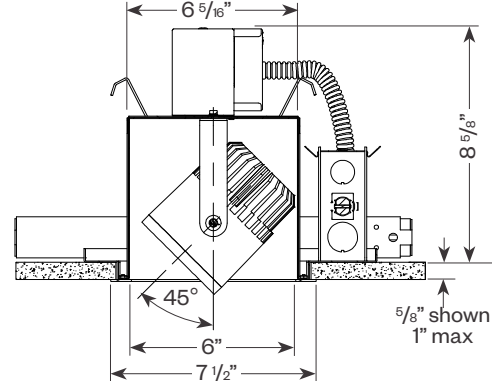
Ceiling cut out: 1 Light - 7 ¹/₈" x 7 ¹/₈"
 2 Light - 7 ¹/₈" x 13 ⁵/₈"
 3 Light - 7 ¹/₈" x 19 ⁵/₁₆"

End View

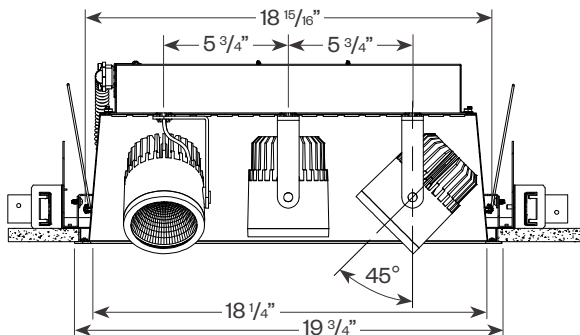
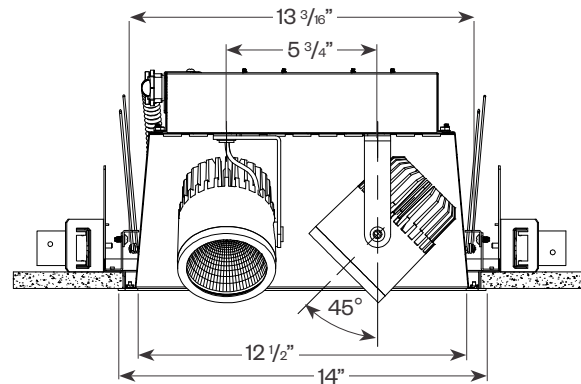
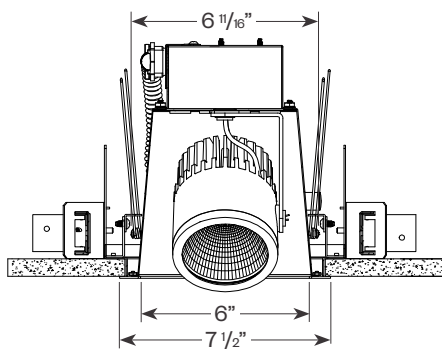
Standard Driver (ELV/TRIAC)



Hi-lume®/0-10V/DALI Driver



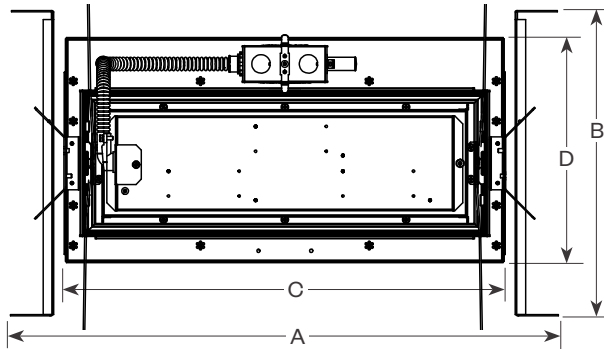
Side View



PROJECT:

TYPE:

Product Details - Recessed Trimless

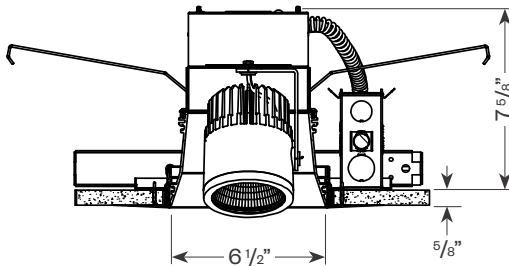


| | 1 Light | 2 Light | 3 Light |
|---|---|---|---|
| A | 13 ³ / ₄ " | 20 ¹ / ₄ " | 25 ¹⁵ / ₁₆ " |
| B | 14 ¹ / ₂ " max 25" | 14 ¹ / ₂ " max 25" | 14 ¹ / ₂ " max 25" |
| C | 8 ⁹ / ₁₆ " | 15 ¹ / ₁₆ " | 20 ¹³ / ₁₆ " |
| D | 10 ¹¹ / ₁₆ " | 10 ¹¹ / ₁₆ " | 10 ¹¹ / ₁₆ " |

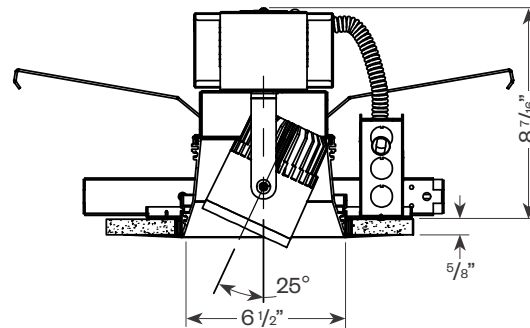
Ceiling cut out: 1 Light - 7 ¹/₈" x 7 ¹/₈"
 2 Light - 7 ¹/₈" x 13 ⁵/₈"
 3 Light - 7 ¹/₈" x 19 ⁵/₁₆"

End View

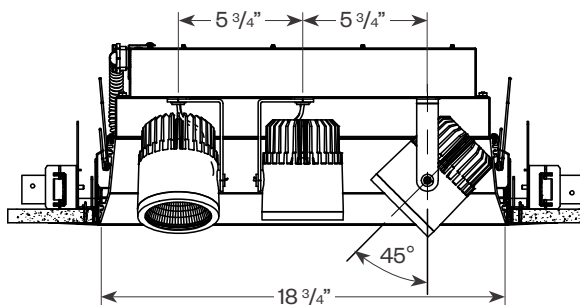
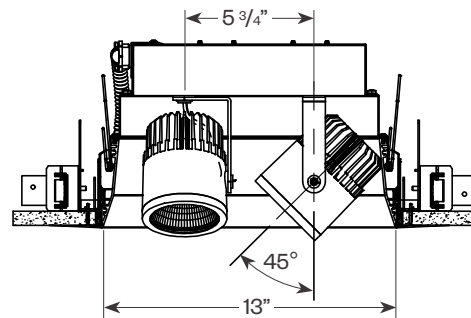
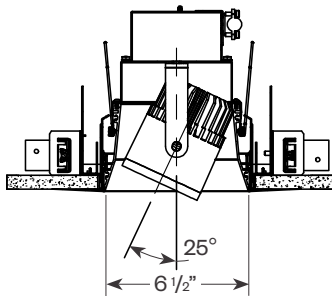
Standard Driver (ELV/TRIAC)



Hi-lume®/0-10V/DALI Driver

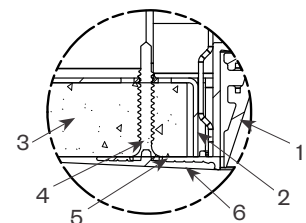


Side View



Plaster Frame Installation Detail (for trimless fixture only)

1. Recessed extruded housing
2. Aperture plate
3. Ceiling ⁵/₈"
4. Drywall screw (by others)
5. Plaster frame
6. Plaster skim coat (by others)



PROJECT:

TYPE:

Performance Data (per head)

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

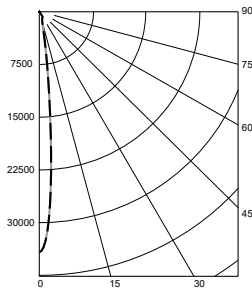
| OCT: | 2700K-83 | 3000K-83 | 3500K-83 | 4000K-83 |
|---------|----------|----------|----------|----------|
| Factor: | 0.96 | 1.0 | 1.02 | 1.04 |

| Wattage: | 16W | 19W | 23W | 27W | 31W |
|----------|------|------|------|------|-----|
| Factor: | 0.51 | 0.61 | 0.74 | 0.87 | 1.0 |

| OCT: | 2700K-90+ | 3000K-90+ | 3500K-90+ | 4000K-90+ | CRISP | 3CLA |
|---------|-----------|-----------|-----------|-----------|-------|------|
| Factor: | 0.83 | 0.86 | 0.90 | 0.93 | 0.65 | 0.70 |

31W LED, 3000K-83

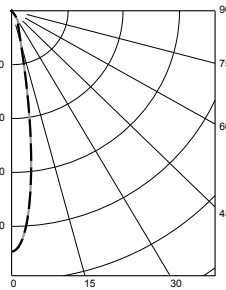
Narrow Spot (NSP), 10°
LTL #11906314.01A
Lumens: 2,426



Candelas at Nadir

| Deg | Candela |
|-----|---------|
| 0 | 34180 |
| 5 | 17580 |
| 15 | 1541 |
| 25 | 979 |
| 35 | 195 |
| 45 | 18 |

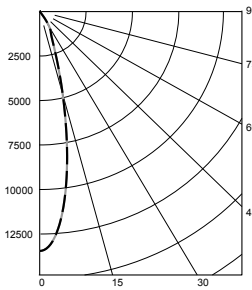
Spot (SP), 15°
LTL #13609366.09
Lumens: 3264



Candelas at Nadir

| Deg | Candela |
|-----|---------|
| 0 | 22340 |
| 5 | 17770 |
| 15 | 3015 |
| 25 | 1305 |
| 35 | 383 |
| 45 | 27 |

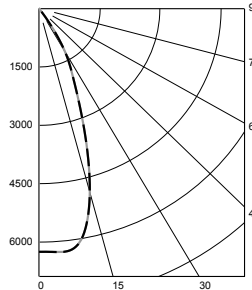
Flood (FL), 25°
LTL #13609366.10
Lumens: 3306



Candelas at Nadir

| Deg | Candela |
|-----|---------|
| 0 | 13460 |
| 5 | 11970 |
| 15 | 4475 |
| 25 | 1407 |
| 35 | 378 |
| 45 | 28 |

Wide Flood (WF), 40°
LTL #13609366.11
Lumens: 3257



Candelas at Nadir

| Deg | Candela |
|-----|---------|
| 0 | 6252 |
| 5 | 6280 |
| 15 | 4839 |
| 25 | 2030 |
| 35 | 442 |
| 45 | 33 |

Application Data (per head)

Notes and Definitions:

Beam spread is to 50% center beam candlepower (CBCP).

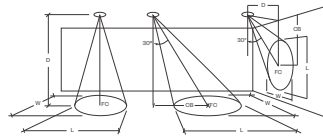
D=Distance to floor or wall.

FC=Footcandles on floor or wall at center beam aiming location.

L=Effective Visual Beam length in feet (50% of maximum footcandle level).

W=Effective Visual Beam width in feet (50% of maximum footcandle level).

CB=Distance across or down to center beam location.



| | 0° Aiming Angle Horizontal Footcandles | | | | 30° Aiming Angle Horizontal Footcandles | | | | | 30° Aiming Angle Vertical Footcandles | | | | | 60° Aiming Angle Vertical Footcandles | | | | |
|----------------|--|------|-----|-----|---|-----|-----|-----|-----|---|-----|-----|-----|------|---|------|-----|-----|-----|
| | D | FC | L | W | D | FC | L | W | CB | D | FC | L | W | CB | D | FC | L | W | CB |
| NARROW SPOT | 5.0' | 1367 | 1.1 | 1.1 | 5.0' | 839 | 1.3 | 1.1 | 3.0 | 3.0' | 508 | 2.0 | 1.1 | 5.0 | 3.0' | 1553 | 1.1 | 1.0 | 2.0 |
| | 7.5' | 608 | 1.3 | 1.3 | 7.5' | 384 | 1.9 | 1.4 | 4.0 | 4.0' | 261 | 2.9 | 1.4 | 7.0 | 4.0' | 1131 | 1.2 | 1.1 | 2.0 |
| | 10.0' | 342 | 1.7 | 1.7 | 10.0' | 211 | 2.5 | 2.1 | 6.0 | 5.0' | 186 | 3.3 | 1.6 | 8.0 | 5.0' | 846 | 1.2 | 1.1 | 3.0 |
| | 12.5' | 219 | 2.3 | 2.3 | 12.5' | 143 | 3.0 | 2.7 | 7.0 | 6.0' | 128 | 4.0 | 2.1 | 10.0 | 6.0' | 503 | 2.0 | 1.3 | 3.0 |
| | | | | | | | | | | | | | | | | | | | |
| SPOT | 5.0' | 894 | 1.3 | 1.3 | 5.0' | 559 | 2.1 | 1.5 | 3.0 | 3.0' | 338 | 3.1 | 1.5 | 5.0 | 3.0' | 1275 | 1.4 | 1.1 | 2.0 |
| | 7.5' | 398 | 2.2 | 2.2 | 7.5' | 265 | 2.8 | 2.5 | 4.0 | 4.0' | 212 | 3.8 | 2.0 | 6.0 | 4.0' | 903 | 1.6 | 1.2 | 2.0 |
| | 10.0' | 224 | 2.9 | 2.9 | 10.0' | 145 | 3.9 | 3.3 | 5.0 | 5.0' | 132 | 4.8 | 2.7 | 7.0 | 5.0' | 561 | 2.1 | 1.5 | 3.0 |
| | 12.5' | 144 | 3.6 | 3.6 | 12.5' | 95 | 4.7 | 4.2 | 7.0 | 6.0' | 95 | 5.6 | 3.1 | 9.0 | 6.0' | 402 | 2.3 | 1.8 | 3.0 |
| | | | | | | | | | | | | | | | | | | | |
| FLOOD | 5.0' | 539 | 2.0 | 2.0 | 5.0' | 338 | 2.8 | 2.5 | 3.0 | 3.0' | 259 | 3.5 | 2.0 | 4.0 | 3.0' | 814 | 2.1 | 1.4 | 2.0 |
| | 7.5' | 240 | 3.1 | 3.1 | 7.5' | 162 | 3.8 | 3.5 | 4.0 | 4.0' | 143 | 4.6 | 2.9 | 5.0 | 4.0' | 573 | 2.1 | 1.7 | 2.0 |
| | 10.0' | 135 | 4.0 | 4.0 | 10.0' | 92 | 5.1 | 4.5 | 5.0 | 5.0' | 92 | 5.7 | 3.5 | 7.0 | 5.0' | 340 | 2.8 | 2.5 | 3.0 |
| | 12.5' | 87 | 5.1 | 5.1 | 12.5' | 58 | 6.5 | 5.7 | 6.0 | 6.0' | 65 | 7.0 | 4.2 | 8.0 | 6.0' | 255 | 3.1 | 2.8 | 3.0 |
| | | | | | | | | | | | | | | | | | | | |
| WIDE FLOOD | 5.0' | 284 | 3.3 | 3.3 | 5.0' | 222 | 3.6 | 3.2 | 2.0 | 3.0' | 191 | 3.2 | 2.7 | 3.0 | 3.0' | 550 | 2.3 | 1.8 | 1.0 |
| | 7.5' | 121 | 5.0 | 5.0 | 7.5' | 95 | 5.4 | 5.1 | 3.0 | 4.0' | 108 | 4.2 | 3.6 | 4.0 | 4.0' | 283 | 3.3 | 3.1 | 2.0 |
| | 10.0' | 67 | 6.6 | 6.6 | 10.0' | 53 | 7.4 | 6.8 | 4.0 | 5.0' | 69 | 5.5 | 4.6 | 5.0 | 5.0' | 201 | 3.8 | 3.4 | 2.0 |
| | 12.5' | 43 | 8.3 | 8.3 | 12.5' | 34 | 9.2 | 8.6 | 5.0 | 6.0' | 48 | 6.5 | 5.4 | 6.0 | 6.0' | 138 | 4.6 | 4.3 | 2.0 |
| | | | | | | | | | | | | | | | | | | | |



PROJECT:

TYPE:

Dimming Compatibility

Amerlux® Cylindrix® 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

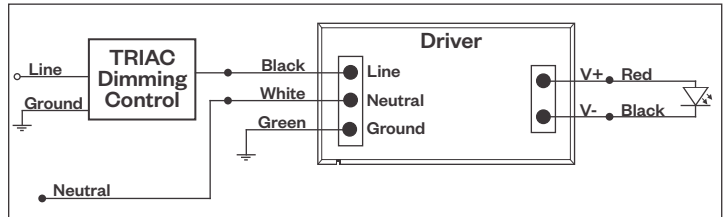
Utilizes standard TRIAC dimmers that are in wide use in installations across the US. Best for retrofit applications where TRIAC dimmers are installed.

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

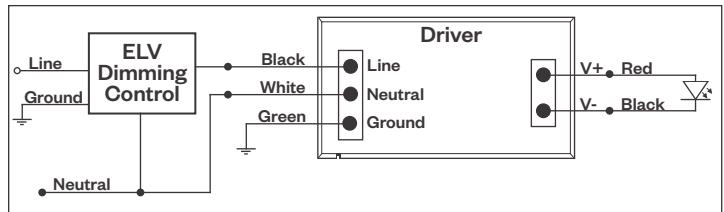
Utilizes specialized "ELV" dimmers.

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.



Cylindrix® III

Recessed Multiples



PROJECT:

TYPE:

Dimming Compatibility *(continued)*

Amerlux® Cylindrix® 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 ---

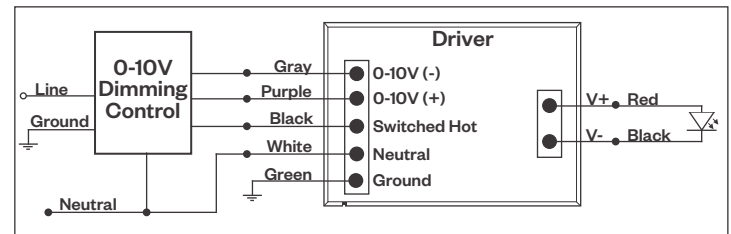
0-10V Dimming

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!**

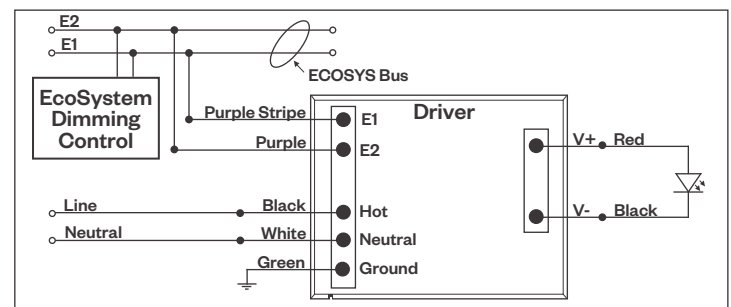
Compatible Dimmers*:

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 | |

LDE1 (HILUME-H-ECO) EcoSystem Digital Control Wiring Diagram



DALI Dimming

Digital control protocol allows individual fixture control

Notes:

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

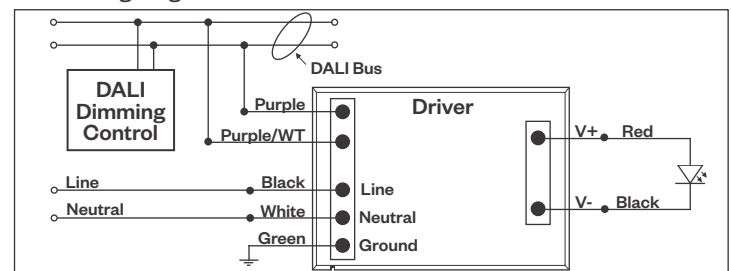
Compatible Dimmers*:

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.

PROJECT:

TYPE:

Emergency Dimming

Wiring Diagram

