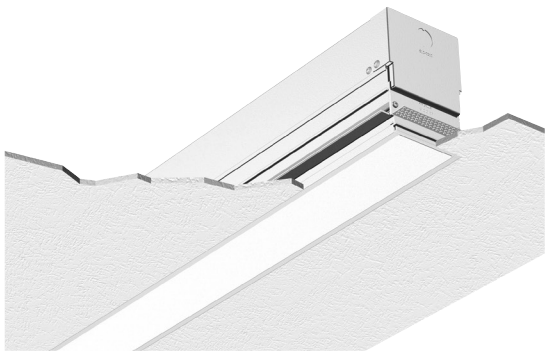


# Grüv® 4"

## High Efficiency

### Recessed Linear LED



## Features

Designed to provide high-performance, visually comfortable, high efficient ambient lighting with a 4" aperture for commercial and office environments. Featuring improved extruded aluminum and steel construction, superb aesthetics, lower costs and shorter lead times. Grüv 4" HE is more effective and aesthetically appealing than many recessed linear fixtures available today.

## Product Overview

Type:	Recessed Lens Direct	
Wattage:	5W/ft, 10W/ft (other wattages available see p2)	
Color Temp:	2700K, 3000K, 3500K, 4000K; Tunable White (2700K-5700K)	
CRI:	83 or 90+ typ. (2700K, 3000K, 3500K, 4000K) 90+ (Tunable White)	
Dimming (wired):	Static White	Tunable White
	0-10V, 1% dimming (standard)	0-10V TW, 1% dimming
	Lutron LDE1 Hi-lume® 1%	DALI DT8, 1% digital dimming
	Soft-On/Fade-to-Black DALI dimming, 1% dim	
Dimming (wireless):	Enlighted Sensor	Enlighted Sensor TW
	Lutron Athena (integral wireless RF node)	Lutron Athena TW (integral wireless RF node)

## PROJECT:

## TYPE:

## Fixture Summary *(see following pages for more information)*

### Ceiling Types

4" Tech Zone	6" Tech Zone	9/16"	15/16"	Gyp Board	Millwork
Yes	No	Yes	CF*	Yes	Yes
Perimeter J-Mold		*Consult factory (tees are 4 3/4" on center)			
Yes					

### Performance Chart (4' Fixture)

Nominal Wattage/Foot	Delivered Lumens	LPW	Color Temp-CRI
5	2182	121	3500K-83
10	4200	116.8	3500K-83

Data is based on 3500K-83 IES files available on website

Data is based on 4' fixture with Performance lens

### Electrical Data

Wattage Per Foot		4'		8'	
		System Watts	Amps	System Watts	Amps
5	120V	18	0.15	36	0.30
	277V	18	0.07	36	0.13
10	120V	36	0.30	72	0.60
	277V	36	0.13	72	0.26

Electronic multi-volt (120-277VAC), constant current LED driver

### Standard Patterns

"L"	"J"	"U"	"O"	"Z"	Wall to Ceiling	Custom*
Yes	Yes	Yes	Yes	Yes	Yes	Yes

\*Submit drawing, consult factory



# Grüv® 4" High Efficiency

Recessed Linear LED



## PROJECT:

## TYPE:

### Ordering Information

. . . . . HW 120/277 . . . . .									
1	2	3	4	5	6	7	8	9	10

- 1 Model**  
**GRUV4-HE-FLG-A16\*** - exposed flanged  
**GRUV4-HE-FLG-GRID-A16\*** - flanged, grid mount  
**GRUV4-HE-GB-A16\*** - gyp board trimless, mud-in  
**GRUV4-HE-GRID-A16\*** - grid mount  
**GRUV4-HE-IS-A16\*** - independently suspended  
**GRUV4-HE-J/GB-A16\*** - j-mold/gyp board trimless  
**GRUV4-HE-J/GRID-A16\*** - j-mold/grid  
**GRUV4-HE-J/IS-A16\*** - j-mold/independently suspended

- 2 Optics**  
**PL** - performance lens (standard)  
**DL** - designer lens  
**SLDW** - straight blade louver, white aluminum, solid blades w/overlay  
**SLDB** - straight blade louver, black, solid blades w/overlay  
**SLDS** - straight blade louver, silver, solid blades w/overlay

- 3 Wattage (per foot)**  
Standard:  
**5** - 5W/ft  
**10** - 10W/ft  
Optional:  
**3** - 3W/ft (4' minimum length required)  
**4** - 4W/ft (4' minimum length required), DLC listed (see additional notes below)  
**6** - 6W/ft  
**7** - 7W/ft  
**8** - 8W/ft  
**9** - 9W/ft

- 4 Color Temp-CRI**  
Static White:  
**27** - 2700K-83  
**30** - 3000K-83  
**35** - 3500K-83  
**40** - 4000K-83  
**279** - 2700K-90+  
**309** - 3000K-90+  
**359** - 3500K-90+  
**409** - 4000K-90+  
Tunable White:  
**TW9-2757** - tunable white, 90 CRI (2700K-5700K)

- 5 Finish**  
**HW** - high reflectance matte white

- 6 Voltage**  
**120/277**

- 7 Length**
- |                     |                       |                     |
|---------------------|-----------------------|---------------------|
| x                   | x                     |                     |
| (Length A)          | (Length B)            | Length C)           |
| Length A (used for) | Length B (used for)   | Length C (used for) |
| - all patterns      | - all patterns        | - PU                |
| - IND/IND-S+        | - PR - 2 lengths of 2 | - PZ                |
| - CON/CON-S+        |                       |                     |
| - CUS               |                       |                     |

- 8 Configuration**  
**IND<sup>1</sup>** - individual fixture, 2' to 8' in 1' increments  
**IND-S+** - individual with standard plus (see pg8, for GRID or J/GRID only)  
**CON** - continuous run > than 8', specify to nearest foot  
**CON-S+** - continuous run with standard plus (see pg8, for GRID or J/GRID only)  
**CUS** - custom made to measure, +/- 1/8" of customer supplied field dimensions

Standard Patterns (see page 8 for details):

- PLL** - L left, (2) straights + (1) 90° corner, leg right  
**PLR** - L right, (2) straights + (1) 90° corner, leg left  
**PU** - U shape, (3) straight lengths + (2) 90° corners  
**PR** - Rectangle, (4) straight lengths + (4) 90° corners  
**PZ** - Z shape, (3) straight lengths + (2) 90° corners  
**PWC** - wall to ceiling (1) 90° Corner joining 2 segments

Custom Patterns:

- PC** - please provide drawings and consult factory

- 9 Drivers/Controls**  
Wired - Static White:  
**O-10V** - 1% analogue dimming, 120-277VAC, Dim to off when selected with wireless dimming control  
**HILUME-H-ECO** - Lutron LDE1 Hi-lume® 1% Soft-On/ Fade-to-Black  
**DALI** - DALI Dimming 120-277VAC, 1% dim  
Wired - Tunable White:  
**O-10V TW** - 1% dimming, multi-volt (120V-277V) constant current  
**DALI DT8** - 1% digital dimming, CCT control per DALI DT8, (120V-277V) constant current  
Wireless - Static White:  
**ENLS-SR** - Enlighted sensor, energy metering  
**ENLS-O10** - Enlighted sensor with controller unit  
**AWN-R-WH-SR** - Lutron Athena wireless node, RF only, white, D4i/DALI-2  
**AWN-R-BL-SR** - Lutron Athena wireless node, RF only, black, D4i/DALI-2  
**AWN-R-WH-O10** - Lutron Athena wireless node, RF only, white, O-10V  
**AWN-R-BL-O10** - Lutron Athena wireless node, RF only, black, O-10V  
**AWN-S-OCC-WH-SR** - Lutron Athena wireless node, Occupancy & Daylight sensor, white, D4i/DALI-2  
**AWN-S-OCC-BL-SR** - Lutron Athena wireless node, Occupancy & Daylight sensor, black, D4i/DALI-2  
Wireless - Tunable White:  
**ENLS-SR-TW** - Enlighted sensor, energy metering)  
**AWN-R-WH-SR-TW** - Lutron Athena wireless node, RF only, white, D4i/DALI-2  
**AWN-R-BL-SR-TW** - Lutron Athena wireless node, RF only, black, D4i/DALI-2  
**AWN-S-OCC-WH-SR-TW** - Lutron Athena wireless node, Occupancy & Daylight sensor, white, D4i/DALI-2  
**AWN-S-OCC-BL-SR-TW** - Lutron Athena wireless node, Occupancy & Daylight sensor, black, D4i/DALI-2

- 10 Options/Accessories**  
**CP** - Chicago Plenum (CCEA)  
**WHIP** - 6' whip, 18/5 conductor  
**EMC-PF<sup>2</sup>** - emergency circuit requires power feed located in last fixture section (for other locations consult factory)  
**PF<sup>2</sup>** - Extra power feed for additional circuiting  
**EMB** - emergency battery pack (not available for lengths under 4')

1 - Lengths less than 4' may have restrictions based upon wattage, lengths, drivers or other options.

2 - Not available with IND (individual) configuration.

\* 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.

# Grüv® 4" High Efficiency

Recessed Linear LED



## PROJECT:

### Specifications

#### Application

Commercial and retail recessed ambient lighting can be customized with made to measure lengths, patterns, ceilings or wall mounted fixtures.

#### Construction

Heavy gauge steel upper housing is secured to aluminum extruded trim rails. Die-formed, cold-rolled steel internal components and external mounting brackets. Numerous configurations accommodate most architectural ceiling conditions.

#### Optical

All lenses are snap-in, extruded acrylic, with a maximum length of 8'.

Amerlux's proprietary acrylic lens provide excellent transmission while effectively concealing source image.

**PL** - Performance Lens provides high efficiency with controlled lens surface brightness (standard).

**DL** - Designer Lens provides flat even glow on lens. Best when lens is in direct or constant view. Such as vertical wall mounted.

**SLD** - Straight blade Louver Direct has 1/2" high blades 1/2" on center with overlay. Available in white aluminum (light gray, appears white when lit), black or silver

#### LED

Amerlux's boards and patented connector design with brand name LEDs enables Amerlux fixtures to have excellent thermal management and offer a 5 year warranty. Our LED binning is within 3 MacAdam ellipse. Boards are configured for maximum flexibility resulting in even illumination no matter the fixture layout. LED boards are easily replaced in the field with just a Phillips screw driver.

	Static White	Tunable White
<b>CGT:</b>	2700K, 3000K, 3500K, 4000K	2700K-5700K
<b>CRI:</b>	83 or 90+ typical	90+ (92 typ)
<b>R9:</b>	16 @ CRI 83; >50 @ CRI 90+	>50

**Life:** 50,000+ hr., > 70% of initial lumens (L70)

#### Electrical

**Wiring:** Supply wires are easily accessible through access plate on top of fixture.

**WHIP:** Optional factory installed 6' Greenfield whip (18/5 conductor) simplifies installation.

**Standard Wattage:** 5W/ft, 10W/ft.

**Optional Wattages:** 3W/ft, 4W/ft, 6W/ft, 7W/ft, 8W/ft, 9W/ft. (3W & 4W have a minimum length of 4'). For other wattages consult factory. Emergency circuit via remote inverter or auxiliary emergency power supply (by others).

**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.**

**EMC-PF** - Emergency circuit requires power feed to be located in last fixture section for continuous runs. For other locations consult factory. Not available for individual (IND) configuration.

**PF** - Extra power feed for additional circuiting. Not available for individual (IND) configuration.

#### Finish

**HW** - High reflectance, matte white powder coat paint. Baked on finish for maximum durability and color stability.

## TYPE:

### Configurations/Lengths

**IND** - Individual fixtures are made of single standard lengths of 2 ft to 8 ft (in 1' increments). These are stand alone fixtures with matching End Caps, supplied with the mounting hardware. Lengths less than 4' may have restrictions based upon wattage, lengths, drivers or other options.

**CON** - Continuous runs, > 8', specified to nearest whole foot length in 1' increments. Runs made from standard lengths have End Caps at the beginning and end of run. Runs > 60' may require second power feed. Each housing has factory installed alignment pins. Mating fixtures are easily aligned and joined with "catch and latch" mechanisms out of sight, on top of the Housing. Wiring is made fast and positive with molded quick connectors. **S+** - Standard Plus is a field cuttable filler bracket that can be used when an individual fixture or a Continuous run isn't to the nearest foot (+3/4" to 6" max per end). *See page 7 for details.*

**CUS** - Custom made to measure runs are made to nearest 1/8" of customer supplied field measurements or drawings. Custom lengths use the same hardware for hairline joining.

**PXX** - Standard Patterns consist of 90° corners with standard lengths (4' to 8' in 1' increments), continuous runs or made to measure lengths. Depending upon complexity of the pattern drawings may be required from the Customer. If ordering please give overall lengths.

**A'-B'-PLL** - L Left - (1) 90° Corner 2 segments. Specify overall segments: A' & B'

**A'-B'-PLR** - L Right - (1) 90° Corner 2 segments. Specify overall segments: A' & B'

**A'-B'-PR** - Rectangle - (4) 90° Corners joining 4 segments. Specify overall segments: A' & B'

**A'-B'-C'-PU** - U shape - (2) 90° Corners joining 3 segments. Specify overall segments: A', B', & C'

**A'-B'-C'-PZ** - Z shape - (2) 90° Corners joining 3 segments. Specify overall segments: A', B', & C'

**A'-B'-PWC** - Wall to Ceiling - 90° joining bracket. Specify overall segments: A' & B'

*See page 8 for layouts.*

**PC** - Custom Patterns may use standard lengths, Made To Measure, 90° or other corners (some limitations). Please provide drawing and consult factory.

**Please note: Corners have lit mitered Lens.**

### Mounting

Intended for use in gypsum board, 9/16" Tee grid and Screw Slot, and millwork ceilings. Wall mounting J-Molding details available. For individual, continuous row, or pattern applications.

**Please note - fixtures to be installed before gypsum board ceiling.**

**GRUV4-HE-FLG-A16** - exposed flange, fixture into gypsum board ceiling

**GRUV4-FLG-GRID-A16** - exposed flange grid mount, fixture in 9/16" Flat Tee ceilings. *Consult factory for 15/16" ceilings.*

**GRUV4-HE-GB-A16** - gyp trimless mud, fixture plastered in gypsum board ceiling

**GRUV4-HE-GRID-A16** - grid mount, in 9/16" Screw Slot or Flat Tee ceilings (compatible with 4" TechZone™ & other 4" wide architectural ceiling systems)

**GRUV4-HE-IS-A16** - independently suspended, fixture in wood ceiling

**GRUV4-HE-J/GB-A16** - J mold/gyp trimless, plastered in ceiling - J Channel wall side

**GRUV4-HE-J/GRID-A16** - J mold/grid, in 9/16" Screw Slot or Flat Tee ceilings - J Channel wall side

**GRUV4-HE-J-IS-A16** - J mold/independently suspended in ceiling - J Channel wall side.

### Options

**EMB** - Emergency battery pack - 10W output power, 90 min of illumination time, up to 1300 lm of initial light output. Illuminated test-switch/charging indicator light is provided. Wattage consumption by EM: 2.5W/ft (4ft fixture), 1.66W/ft (6ft fixture), 1.25W/ft (8ft fixture). Request can be made to light up 4ft section on 8ft unit.

### Certifications

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

Chicago Plenum (OCEA) optional

### Warranty

Amerlux's 5 year limited warranty. Please consult Amerlux website for details.

# Grüv® 4" High Efficiency

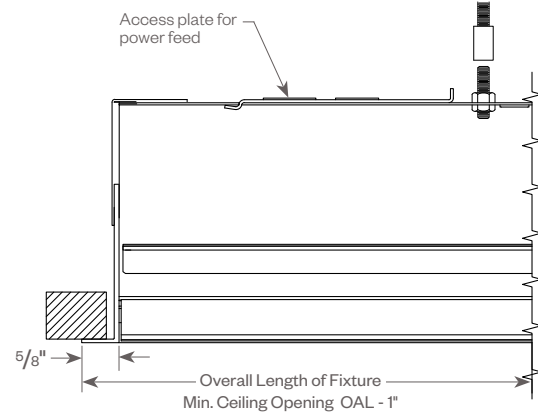
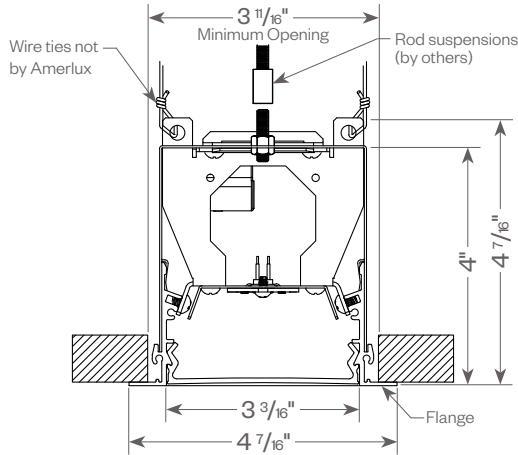
Recessed Linear LED

**amerlux**  
A Delta Group Company

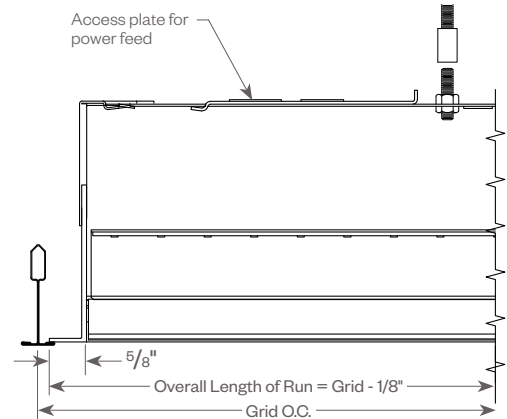
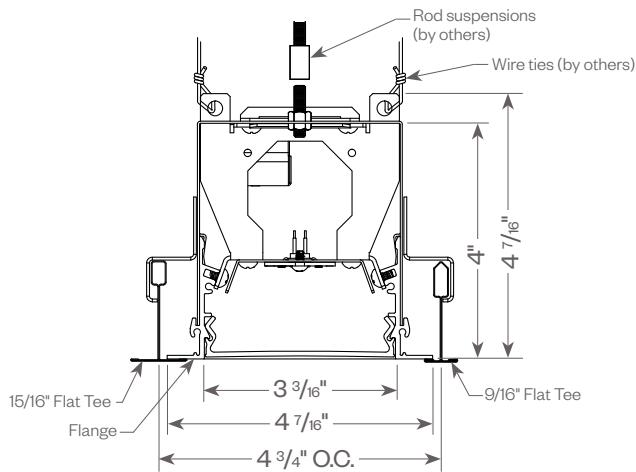
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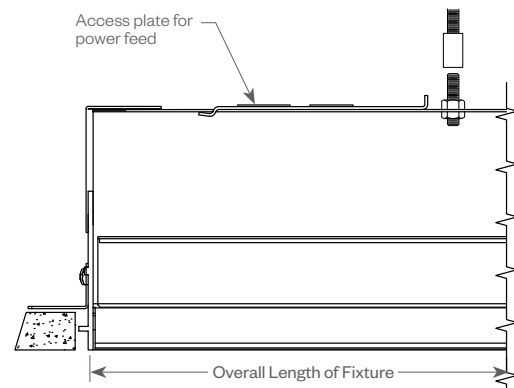
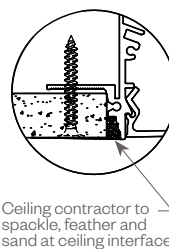
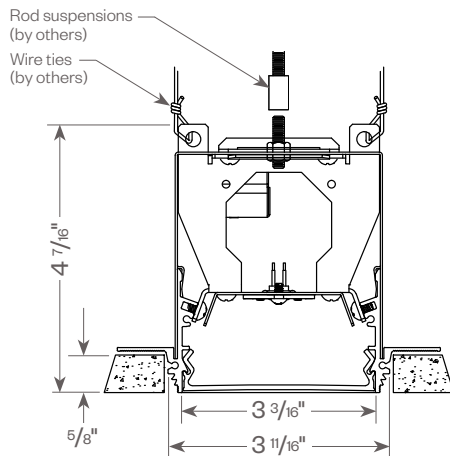
## GRUV4-HE-FLG (exposed flange)



## GRUV4-HE-FLG-GRID (flanged, grid mount)



## GRUV4-HE-GB (gyp board trimless mud-in)




# Grüv® 4" High Efficiency

Recessed Linear LED

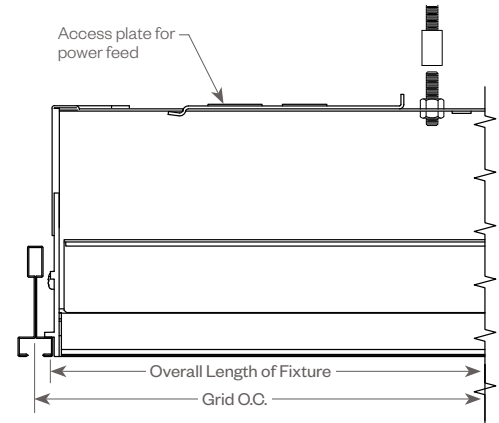
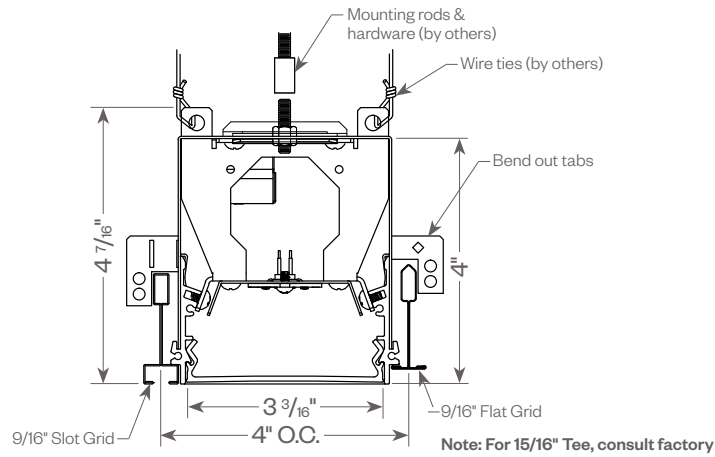
**amerlux**  
A Delta Group Company

## PROJECT:

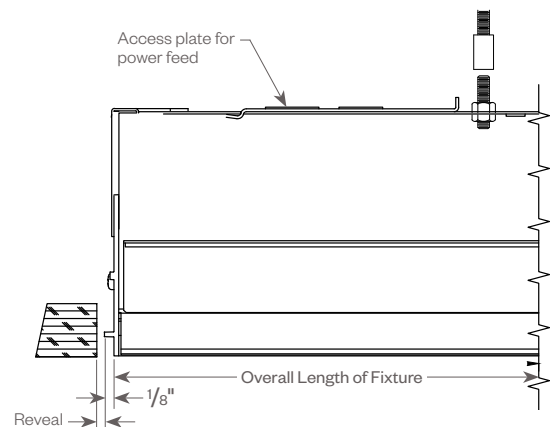
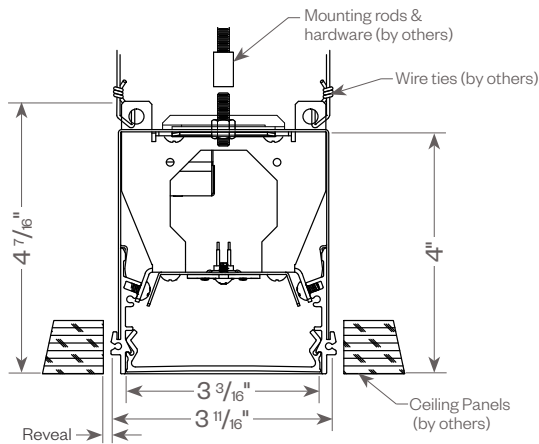
## TYPE:

**GRÜV4-HE-GRID** (grid mount)  Compatible (see pg 7)

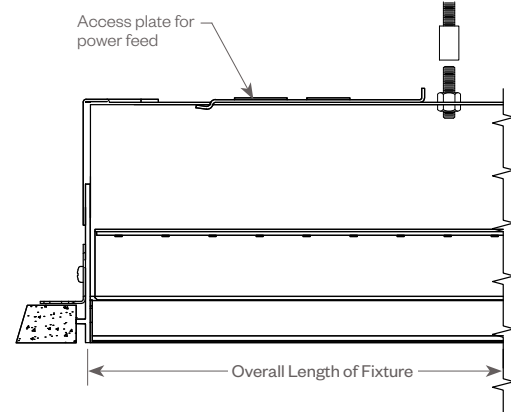
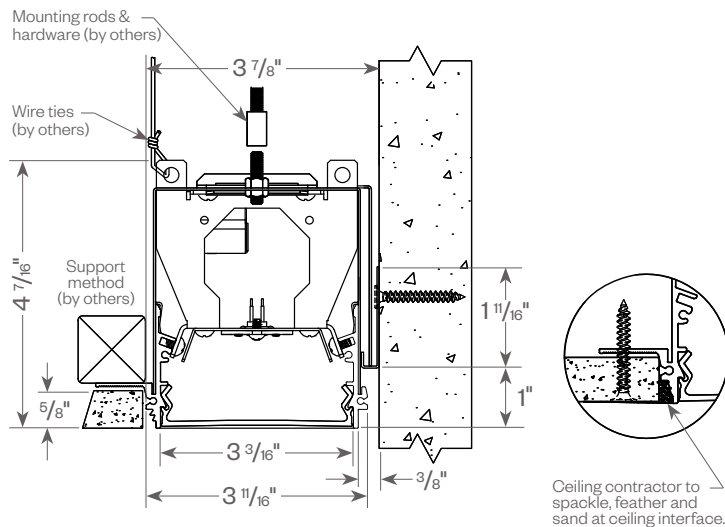
**4" TechZone compatible**



**GRÜV4-HE-IS** (independently suspended)



**GRÜV4-HE-J/GB** (j-mold/gyp board trimless)



# Grüv® 4" High Efficiency

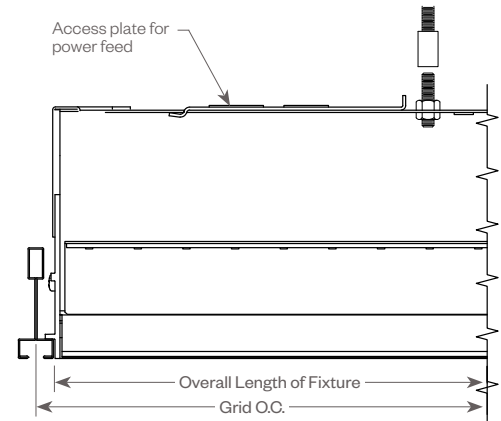
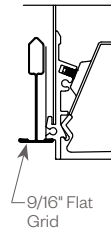
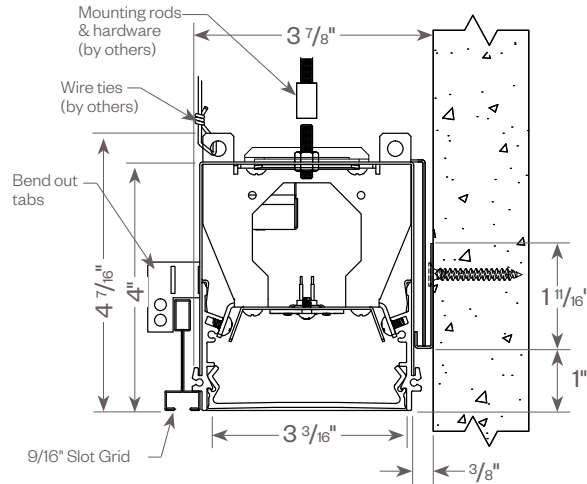
Recessed Linear LED

**amerlux**  
A Delta Group Company

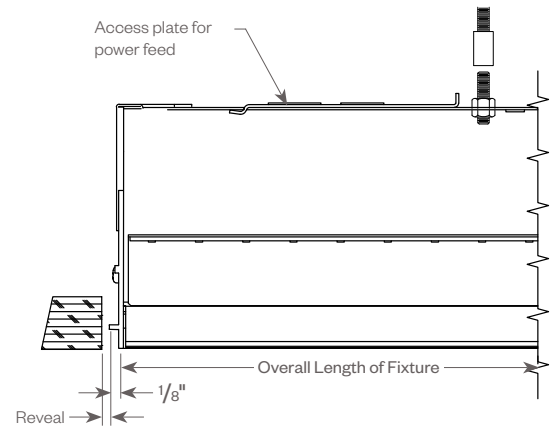
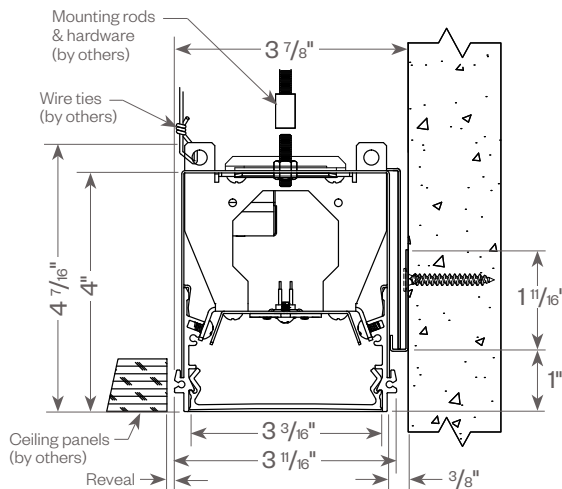
**PROJECT:**

**TYPE:**

**GRÜV4-HE-J/GRID** (j-mold/grid mount)  Compatible (see pg 7)



**GRÜV4-HE-J/IS** (j-mold/independently suspended)



# Grüv® 4" High Efficiency

Recessed Linear LED



PROJECT:

TYPE:

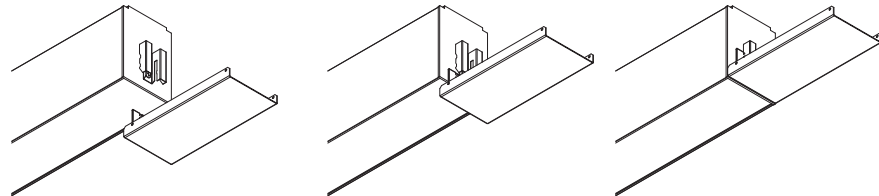


## STANDARD PLUS (FILLER):

Whenever a continuous run is less than a foot to the next full foot length consider ordering Standard Plus field cuttable bracket for a perfect look. Fits 9/16" Slot Grid and 9/16" T grid. It snaps in place easily from below and gets you close to the wall with a standard fixture. Saves time and money compared to made-to-measure. (max length: 6")

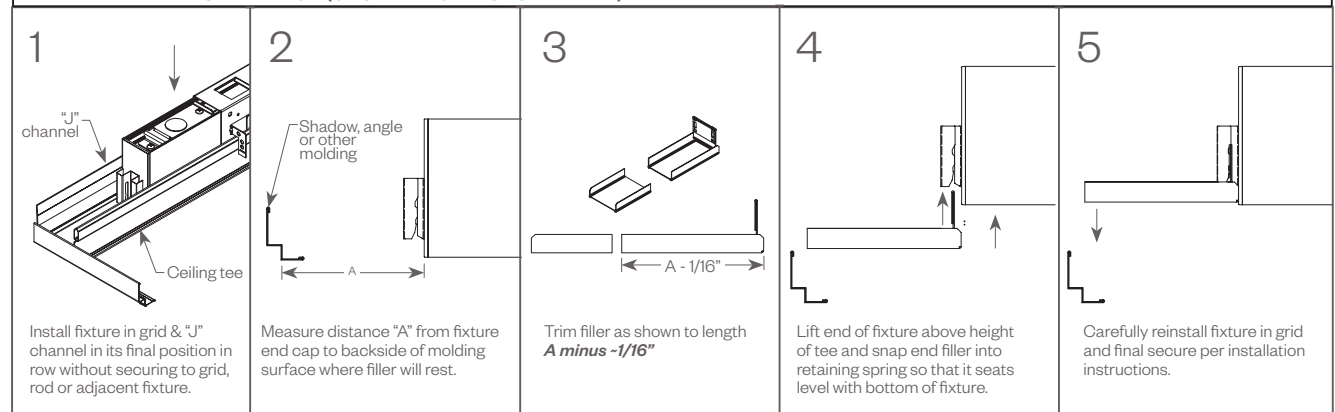


GRID VERSION



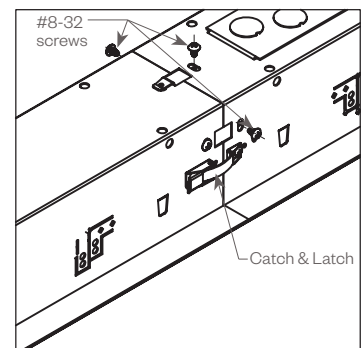
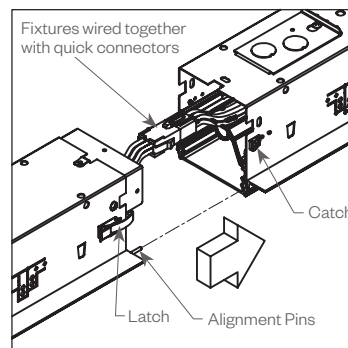
NOTE: Use with GRUV4HE-GRID and GRUV4HE-J/GRID

## FILLER TRIM AND INSTALLATION (GRUV 4 HE GRID SHOWN HERE)



## TOOLLESS JOINING

Line up the two housings by using the alignment pins. Secure them together by using the Catch & Latch System on the side of the extrusion.

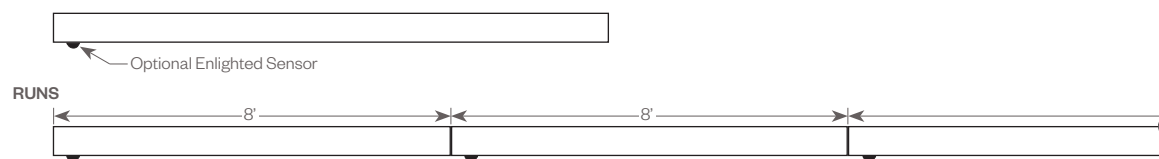


## OPTIONAL SENSOR/RF NODE:

Amerlux® has partnered with control companies to create building environments that are safer, and smarter, than ever before. At the heart of our partnership is intelligent RF nodes and Smart Sensor, the most advanced digital wireless communication and sensors available today. Integrated into Amerlux products.

Minimum run length is 3' for wireless sensor and RF node.

## INDIVIDUAL (MIN 3' LENGTH)



# Grüv® 4" High Efficiency

Recessed Linear LED



**PROJECT:**

**TYPE:**

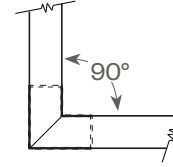
## GRUV 4" PATTERNS:

### Standard Patterns

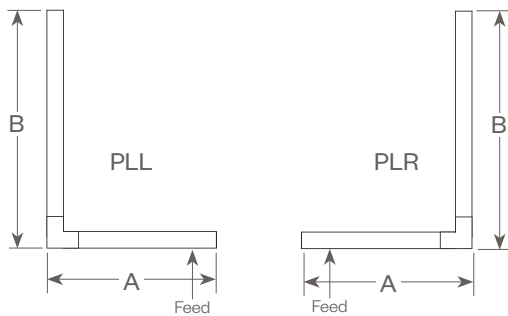
All corners are standard 90°, standard length legs.  
Use standard lengths: 4' min to 8' in 1 foot increments.  
Continuous runs must be the same length in pairs for closed configuration.

### Custom Patterns

Please provide drawings of your configuration.  
Made to Measure: +/- 1/8", consult factory.  
PC - custom pattern, please provide drawings and consult factory



**Gruv 4 Lens**  
Mitered Lens

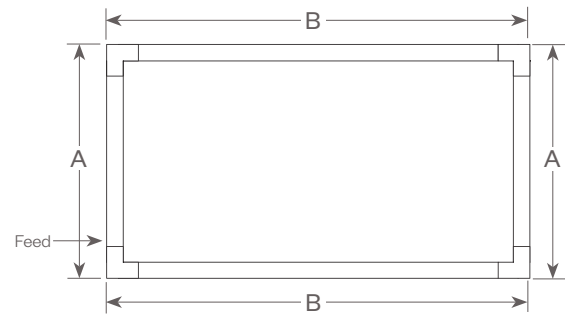


**PLL** - L Left, (2) straights + (1) 90° corner, leg right

**PLR** - L Right, (2) straights + (1) 90° corner, leg left

Provide overall lengths: A' & B'

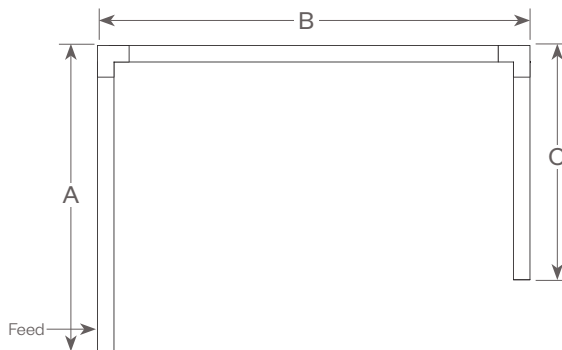
Nomenclature: A-B-PLL    A-B-PLR



**PR** - Closed Rectangle, (4) straight lengths + (4) 90° corners

Provide overall lengths: A' & B'

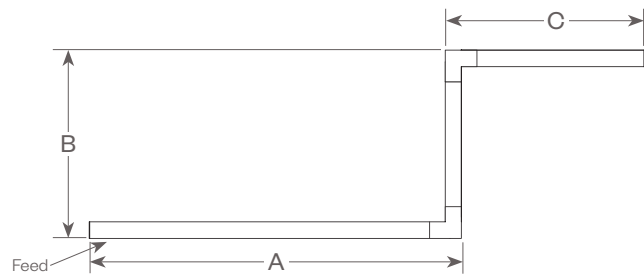
Nomenclature: A-B-PR



**PU** - Open U, (3) straight lengths + (2) 90° corners

Provide overall lengths: A', B' & C'

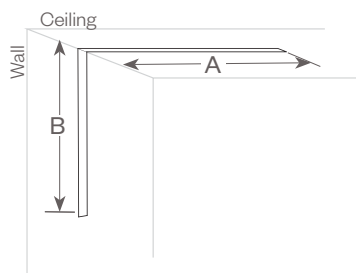
Nomenclature: A-B-C-PU



**PZ** - Open Z, (3) straight lengths + (2) 90° corners

Provide overall lengths: A', B' & C'

Nomenclature: A-B-C-PZ



**PWC** - Wall to Ceiling - 90° joining bracket, 12" leg length standard

Provide overall lengths: A' & B'

Nomenclature: A-B-PWC



# Grüv® 4" High Efficiency

Recessed Linear LED



## PROJECT:

## TYPE:

### FIXTURE DATA:

**MULTIPLYING FACTORS:** (Multiplying Factor is based on 3500K-83 120V IES file on website)

Wattage:	3W	4W	5W	6W	7W	8W	9W	10W
Factor:	0.31	0.42	0.53	0.63	0.72	0.81	0.90	1.0

CCT Factors:					TW9
CRI	2700K	3000K	3500K	4000K	(@3500K)
83	0.92	0.97	1.0	1.02	-
90	0.81	0.84	0.86	0.89	0.86

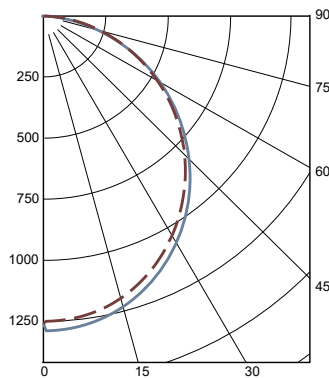
### GRÜV 4" HE PERFORMANCE LENS 10W 3500K 4FT

Total Watts: 36

Total Lumens: 4200

Source: 128 White LED's

LTL# 14626239.24A



#### ZONAL LUMEN SUMMARY

Zone	Lumens	%Fxt
0-40	2087	49.7
0-60	3448	82.1
0-90	4200	100.0
90-180	0	0.0

Luminaire Efficacy = 116.8 lm/w

#### COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 20%

RC	80			
RW	70	50	30	10
ROR				
0	119	119	119	119
1	109	105	101	97
2	100	92	86	80
3	92	81	74	67
4	84	73	64	58
5	78	65	56	50
6	72	59	50	44
7	67	54	45	39
8	62	49	41	35
9	58	45	37	32
10	55	42	34	29

Note: Values are expressed as percent of total lumen output delivered to the task surface.

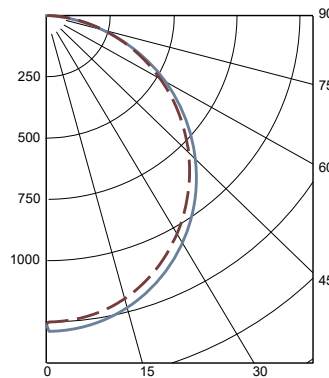
### GRÜV 4" HE DESIGNER LENS 10W 3500K 4FT

Total Watts: 36

Total Lumens: 3510

Source: 128 White LED's

LTL# 14626239.25A



#### ZONAL LUMEN SUMMARY

Zone	Lumens	%Fxt
0-40	1576	44.9
0-60	2758	78.6
0-90	3510	100.0
90-180	0	0.0

Luminaire Efficacy = 97.6 lm/w

#### COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 20%

RC	80			
RW	70	50	30	10
ROR				
0	119	119	119	119
1	109	104	99	96
2	99	90	83	78
3	90	79	71	65
4	82	70	61	55
5	76	63	54	47
6	70	57	48	41
7	65	51	42	36
8	60	47	38	32
9	56	43	35	29
10	53	40	32	26

Note: Values are expressed as percent of total lumen output delivered to the task surface.

# Grüv® 4" High Efficiency

Recessed Linear LED



PROJECT:

TYPE:

## FIXTURE DATA:

**MULTIPLYING FACTORS:** (Multiplying Factor is based on 3500K-83 120V IES file on website)

Wattage:	3W	4W	5W	6W	7W	8W	9W	10W
Factor:	0.31	0.42	0.53	0.63	0.72	0.81	0.90	1.0

CCT Factors:					TW9
CRI	2700K	3000K	3500K	4000K	(@3500K)
83	0.92	0.97	1.0	1.02	-
90	0.81	0.84	0.86	0.89	0.86

Louver		
Finish:	SLV	BLK
Factor:	1.0	.65

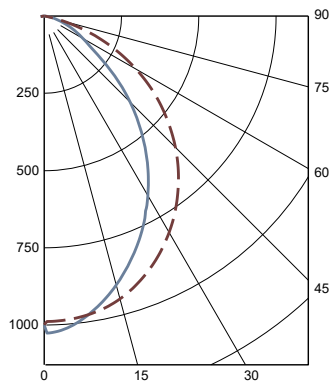
## GRÜV 4" HE STRAIGHT BLADE LOUVER (SLV) 10W 3500K 4FT

Total Watts: 36

Total Lumens: 1936

Source: 128 White LED's

LTL# 14626239.26



## ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-40	1115	57.6
0-60	1737	89.7
0-90	1936	100.0
90-180	0	0.0

Luminaire Efficacy = 53.8 lm/w

## COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 20%

RC	80			
RW	70	50	30	10
ROR				
0	119	119	119	119
1	111	107	103	100
2	102	95	90	85
3	94	85	78	73
4	87	77	69	63
5	81	69	61	55
6	75	63	55	49
7	70	58	50	44
8	66	53	45	40
9	61	49	41	36
10	58	45	38	33

Note: Values are expressed as percent of total lumen output delivered to the task surface.

# Grüv® 4" High Efficiency

Recessed Linear LED



## PROJECT:

## TYPE:

### STATIC WHITE - DIMMING COMPATIBILITY:

Amerlux® Grüv 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 ---

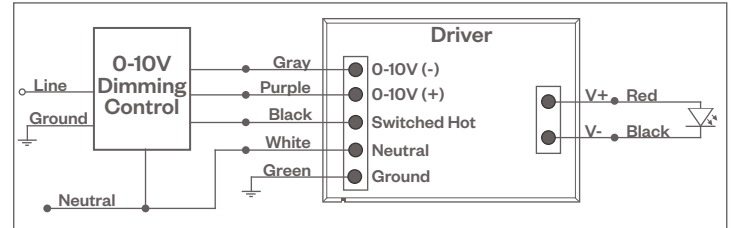
### 0-10V - DIMMING (Standard)

Integrates into a variety of building management and daylighting controls

#### Notes:

- 120V or 277V\*
- 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

##### Lutron:

Diva - DVSTV  
Maestro - MS-Z101  
Nova-T - NTSTV-DV

##### Wattstopper:

ADF-120277

##### Leviton:

Renoir II

#### Center System

Lutron Grafikk Eye with GRX-TV1 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†:

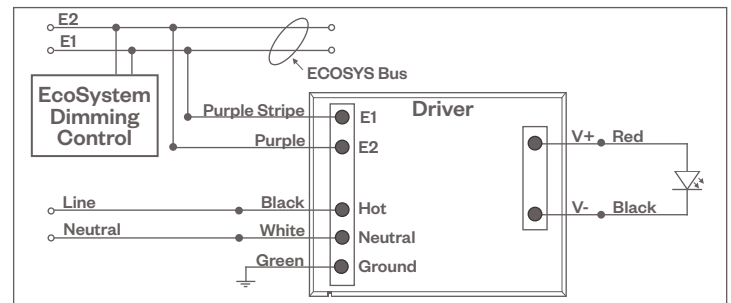
#### Lutron ECO System

Pow Pak Dimming Modules  
Energi Savr Node  
Grafik Eye QS/Homeworks  
QS Control Unit  
Quantum Hub  
Homeworks QS/My Room

#### Central System

Lutron EcoSystem  
compatible controls

### Lutron LDE1 (HILUME-H-ECO) EcoSystem Digital Control 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.

## Recessed Linear LED



## PROJECT:

**TYPE:**

**STATIC WHITE - DIMMING COMPATIBILITY:**

Amerlux® Gruv 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 ---**

**DALI - DALI DIMMING 120V-277V**

Digital control protocol allows individual fixture control

**Notes:**

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

### Compatible Dimmers†:

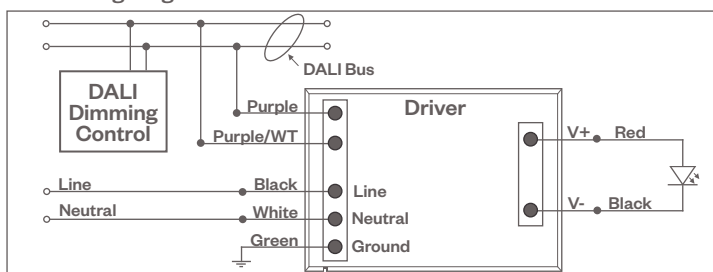
## Wall Box

Leviton CD250 Controller

## Center System

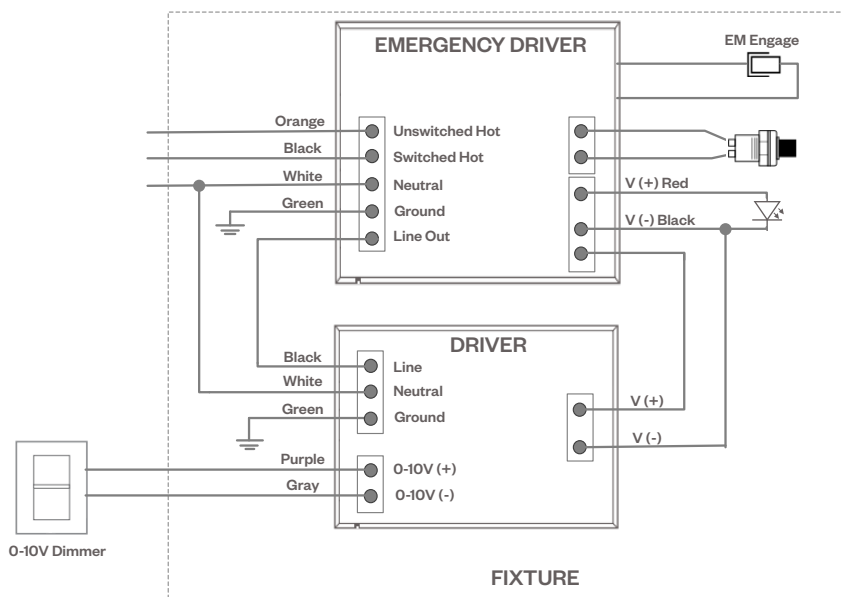
Dynalite  
Fifth Light

## DAI Wiring Diagram



**EMERGENCY FIXTURE WITH BUILT-IN BATTERY PACK (EMB) WIRING:**

**Note: EMB not available on lengths under 4'.**



**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.

# Grüv® 4" High Efficiency

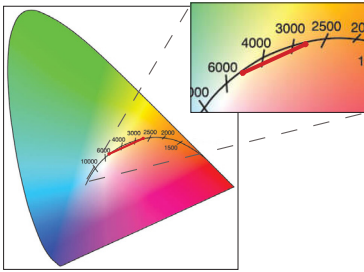
Recessed Linear LED



## PROJECT:

## TYPE:

### TUNABLE WHITE



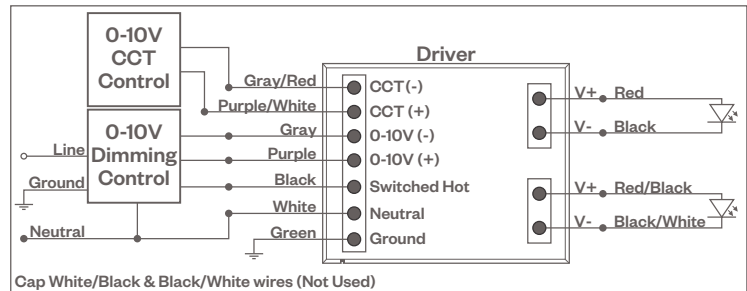
Tunable White range from 2700K-5700K, 90 CRI.  
See wiring diagrams below.

### TUNABLE WHITE - DIMMING COMPATIBILITY:

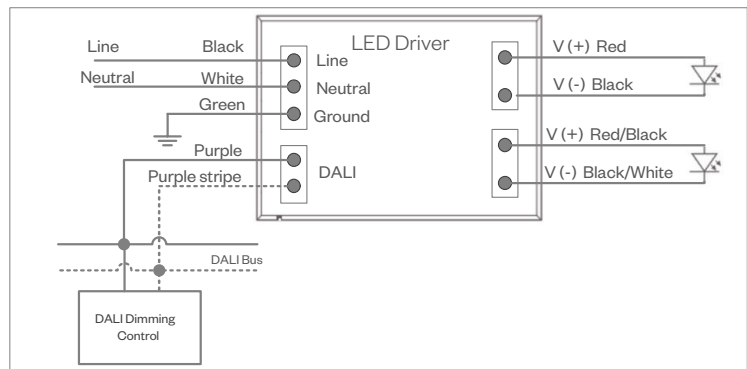
Amerlux® Gruv fixtures are compatible with all major dimming protocols prevalent in the United States. Please see below for general compatibilities and wiring diagrams. Amerlux recommends testing your unique dimming configuration as the exact full configuration (Dimmer, Fixture Quantity, Voltage, etc) may affect dimming performance.

--- NOTE: INFORMATION BELOW IS FOR WIRED DIMMERS ONLY. FOR WIRELESS DIMMERS, CONSULT FACTORY ---

### 0-10V Wiring Diagram



### DALI DT8 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.