

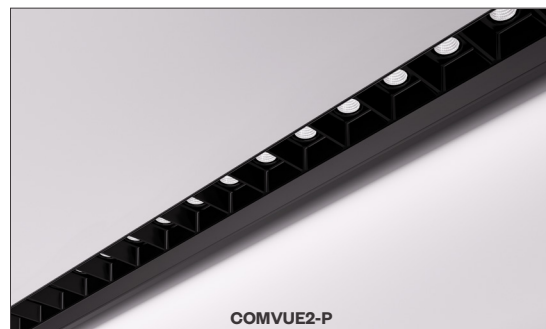


PROJECT:

TYPE:

Features

Engineered to provide even illumination on vertical surfaces, Comfort Vue Perimeter uses a specialized optic with a unique smoothing film to deliver illumination on the wall that is free of scalloping. Housed in a 2" profile with slightly regressed louvers for a clean look, it creates a sophisticated aesthetic that enhances any space. It is available in single-cell increments with fully illuminated corners for continuous runs. The fixture can be specified either flush with the ceiling or with a 2.5" regress. Louvers are offered in Piano Black or Glossy White.



Product Overview

Type:	Direct Distribution with Perimeter Mounting
Wattage/Ft:	3W, 4W, 5W, 6W, 7W, 8W, 9W, 10W
Color Temp:	2700K, 3000K, 3500K, 4000K
CRI:	90+ typ.
Dimming (wired):	0-10V, Lutron, DALI
Dimming (wireless):	Lutron Athena, BubblyNet Bluetooth

Certifications



5 year limited warranty
AMERLUX LED

Fixture Summary

Electrical Data

Wattage/Foot	Voltage	4'		8'	
		System Watts	Amps	System Watts	Amps
5	120V	19.5	0.16	38.4	0.32
	277V	20	0.086	38.2	0.14
10	120V	40	0.33	78.2	0.65
	277V	39.7	0.15	76.5	0.29

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

Standard Patterns

Yes	Yes	Yes	Yes	Yes



PROJECT:

TYPE:

Ordering Information

CL **PVF** **HW** **120/277**

1 **2** **3** **4** **5** **6** **7** **8** **9** **10** **11** **12** **13**

1	Model	2	Regress	3	Optics	4	Louver Finish	5	Beam Spread
	COMVUE2-P-GB perimeter, gypsum board trimless mud-in	0	flush		CL cellular louver		B piano black		PVF perimeter vertical flood
	COMVUE2-P-FLG perimeter, gypsum board, exposed flange	2.5	2.5" regress				W glossy white		
	COMVUE2-P-IS perimeter, independently suspended								
	COMVUE2-P-GRID-9/16 perimeter, 9/16 grid ceiling mount								
	COMVUE2-P-GRID-15/16 perimeter, 15/16 grid ceiling mount								
	Note: COMVUE2-P-GRID will use blank plates in order to fit the fixture within the grid system.								

6	Wattage (per foot)	7	Color Temp	8	Housing Finish	9	Voltage	10	Length
3		279	2700K-90+		HW high reflectance matte white		120/277		
4		309	3000K-90+						
5		359	3500K-90+		BT black texture				
6		409	4000K-90+		ST silver texture				
7					For other RAL #, consult factory.				
8									
9									
10									

11	Configuration	12	Drivers/Controls
	Nominal Length Straights IND¹ individual fixture, 2' to 8' CON continuous run > than 8' <i>NOTE: IND and CON are built to nominal lengths based on the increment of a single cell (1.33"). Please refer to shop drawings for final dimensions.</i> <u>Exact Length Straights</u> CUS custom made to measure lengths <i>NOTE: CUS are built to the exact ordered length and may require blank plates. Please refer to shop drawings for final dimensions.</i> <u>Standard Patterns</u> (see pg 6 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 shape, (4) straight lengths + (4) 90° corners PZ Z shape, (3) straight lengths + (2) 90° corners <i>NOTE: Patterns may require blank plates.</i>	Wired 0-10V 1% electronic dimming , multi-volt 120-277VAC constant current driver (<i>standard</i>) HILUME-H-ECO Lutron LDE1 Hi-lume® 1% dim Soft-On/Fade-to-Black DALI DALI dimming 120-277VAC, 1% dim <u>Wireless</u> 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-010 Lutron Athena wireless node, RF only, white, 0-10V AWN-R-BL-010 Lutron Athena wireless node, RF only, black, 0-10V AWN-R-OCC-WH-SR* Lutron Athena wireless node, Occupancy & Daylight sensor, white, D4i/DALI-2 AWN-R-OCC-BL-SR* Lutron Athena wireless node, Occupancy & Daylight sensor, black, D4i/DALI-2 AWN-R-OCC-WH-010* Lutron Athena wireless node, Occupancy & Daylight sensor, white, 0-10V AWN-R-OCC-BL-010* Lutron Athena wireless node, Occupancy & Daylight sensor, black, 0-10V BN-BT-OCC-WH-SR* BubblyNet Bluetooth node, Occupancy & Daylight sensor, white, D4i/DALI-2 BN-BT-OCC-WH-010* BubblyNet Bluetooth node, Occupancy & Daylight sensor, white, 0-10V <i>*Selecting the sensor option reduces the lit length by a nominal 6." Please refer to shop drawings for final dimensions. Sensor is not available when regressed, only when fixture is flush with ceiling plane.</i>	

13	Options/Accessories
	CP Chicago Plenum (CCEA) WHIP 6' whip, 18/5 conductor EMC-PF² emergency circuit requires power feed located in last fixture section <i>(for other locations consult factory)</i> PF² Extra power feed for additional circuiting EMB emergency battery pack <i>(not available for lengths under 4')</i> WTW wall-to-wall

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

² Not available with IND (*individual*) configuration.

PROJECT:

TYPE:

Specifications

Construction

One piece extruded aluminum housing. Die-cast end caps match fixture body finish. Internal components are die-formed, galvanized and pre-painted cold-rolled steel.

Optical

CL - precision molded metallized optics and molded cellular louvers.
PVF - Perimeter Vertical Flood. Engineered to provide even illumination on vertical surfaces. Comfort Vue Perimeter uses a specialized optic with a unique smoothing film to deliver illumination on the wall that is free of scalloping.

LED

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.
Color Temperature Options: 2700K, 3000K, 3500K, 4000K
CRI: 90+
R9: >50 @ CRI 92
Life: 50,000+ hr., > 70% of initial lumens (L70)

Electrical

Wiring: Individual and "Beginning of Run" (BOR) fixtures are prewired with power cord. All configurations have quick connect power harnesses for row connections.
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 3'). 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.

Housing Finish

All painted surfaces are premium powder coated baked on for maximum durability and color stability.
HW - High reflective matte White
BT - Black Texture
ST - Silver Texture
 For special paint colors supply RAL and/or actual paint chip for factory consultation.

Configurations/Lengths

Nominal Length Straights:

NOTE: IND and CON are built to nominal lengths based on the increment of a single cell (1.33"). Please refer to shop drawings for final dimensions.

IND - Individual fixtures are made of single standard lengths of 2 ft to 8 ft. 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'. 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. Wiring is made fast and positive with molded quick connectors.

Exact Length Straights:

NOTE: CUS are built to the exact ordered length and may require blank plates. Please refer to shop drawings for final dimensions.

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.

Standard Patterns:

Note: Patterns may require blank plates at the ends, depending on length.

PXX - Standard Patterns consist of 90° corners with standard lengths, 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'

See page 6 for layouts.

Mounting

Intended for use in gypsum board, grid 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.
COMVUE2-P-GB - J mold/gyp trimless, plastered in ceiling - J Channel wall side
COMVUE2-P-FLG - J mold/flange - J Channel wall side
COMVUE2-P-GRID-9/16 - J mold/grid, in 9/16" Screw Slot or Flat Tee ceilings - J Channel wall side
COMVUE2-P-GRID-15/16 - J mold/grid, in 15/16" Flat Tee ceilings - J Channel wall side
COMVUE2-P-IS - independently suspended

Certifications

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

Warranty

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

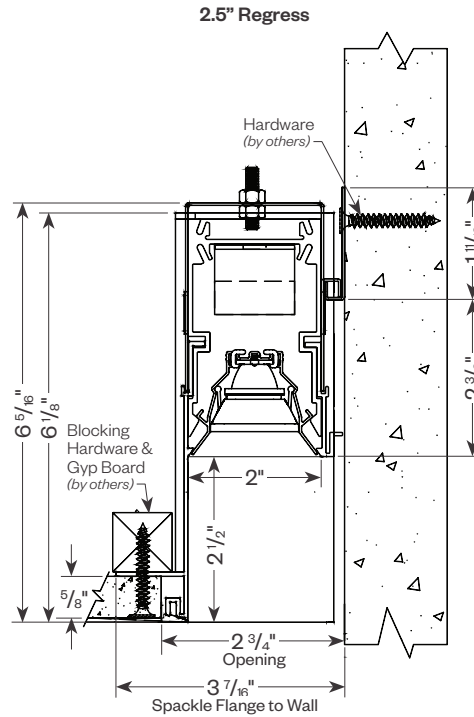
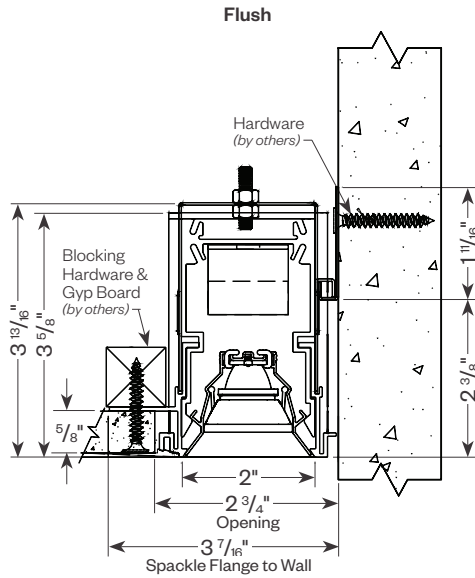


PROJECT:

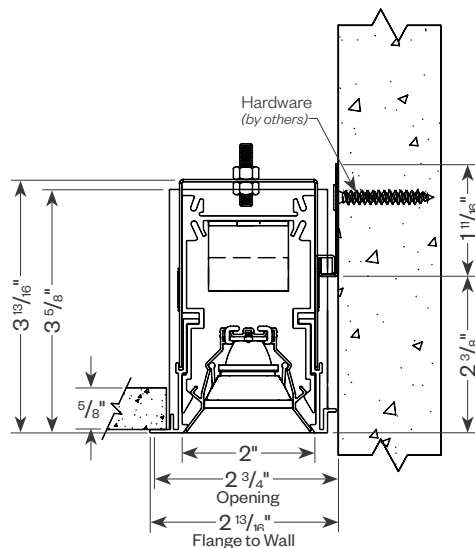
TYPE:

Product Details

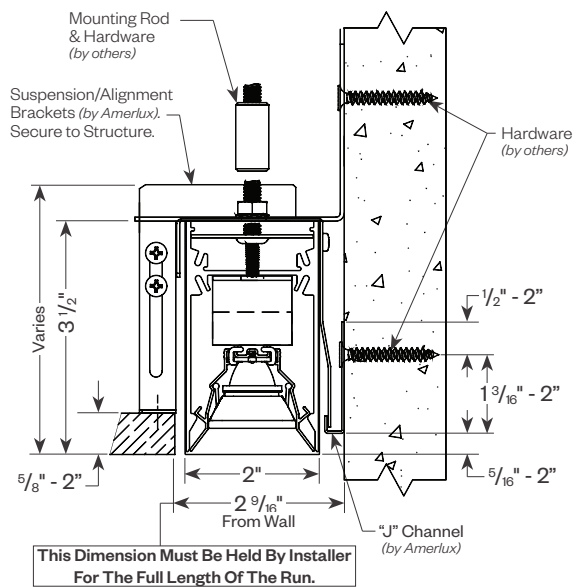
COMVUE2-P-GB (perimeter gypsum board trimless mud-in)



COMVUE2-P-FLG (perimeter gypsum board, exposed flange)



COMVUE2-P-IS (perimeter independently suspended)





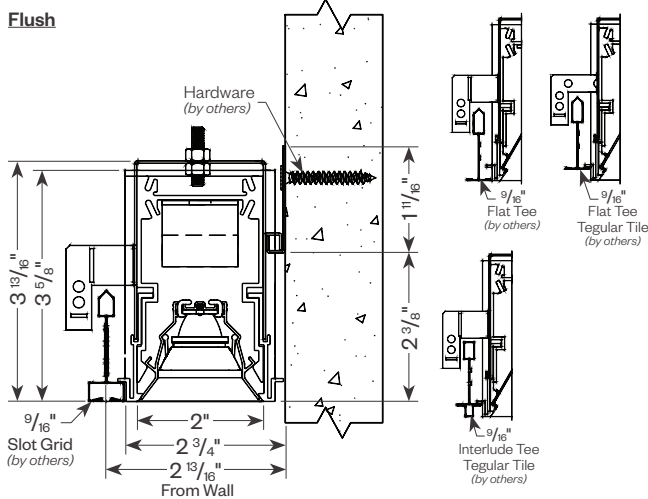
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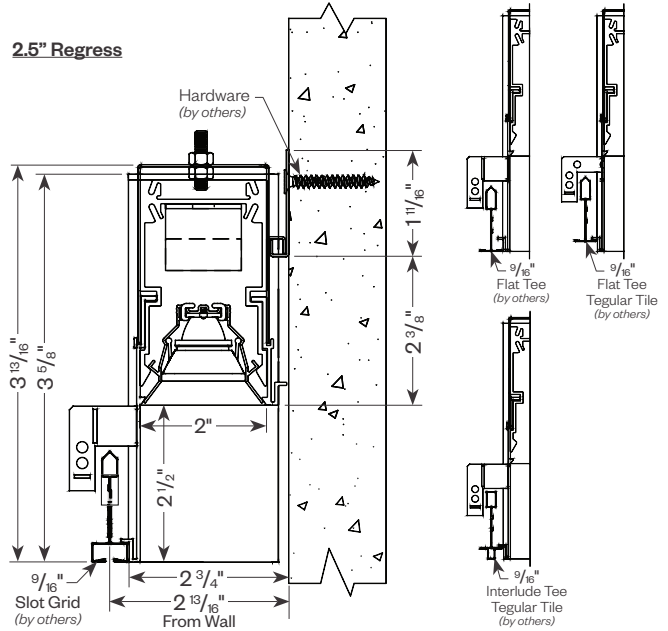
Product Details (continued)

COMVUE2-P-GRID-9/16 (perimeter 9/16 grid ceiling mount)

Flush

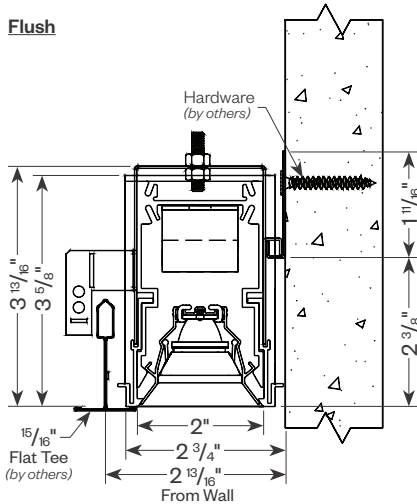


2.5" Regress

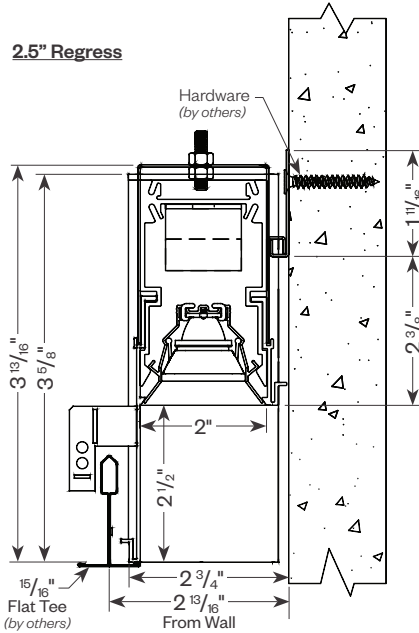


COMVUE2-P-GRID-15/16 (perimeter 15/16 grid ceiling mount)

Flush

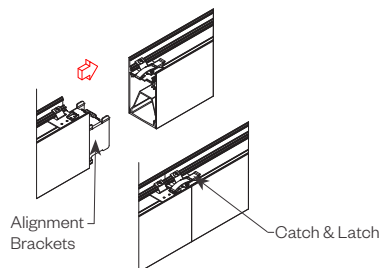


2.5" Regress



Tool-less Joining

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





PROJECT:

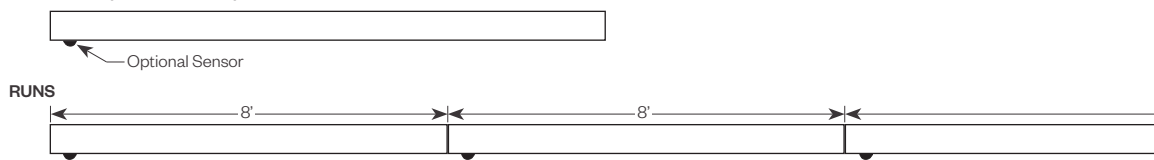
TYPE:

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)



Note: Selecting the sensor option reduces the lit length by a nominal 6". Please refer to shop drawings for final dimensions.

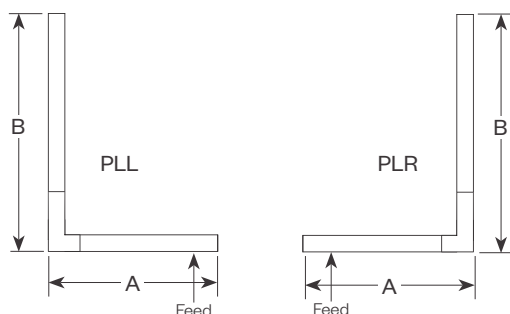
Patterns

Standard Patterns

All corners are standard 90°, standard length legs.

Continuous runs must be the same length in pairs for closed configuration.

Patterns may require blank plates at the ends, depending on length.

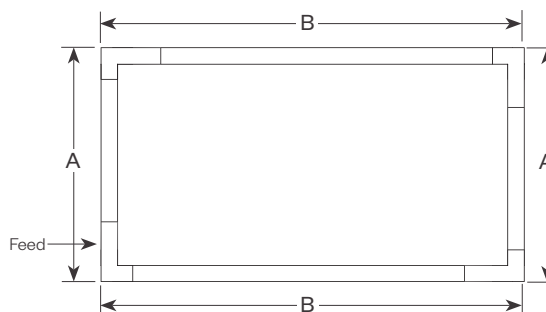


PLL - L Left, (2) straights + (1) 90° corner, leg right

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

Provide overall lengths: A' & B'

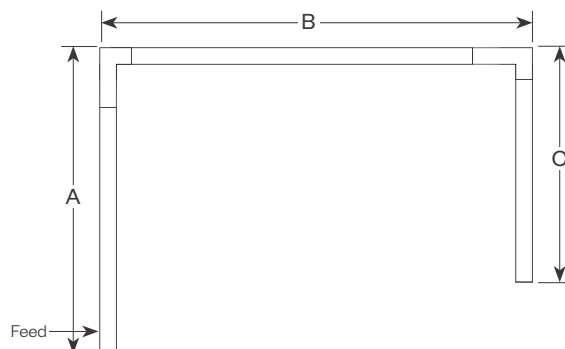
Nomenclature: A-B-PLL A-B-PLR



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

Provide overall lengths: A' & B'

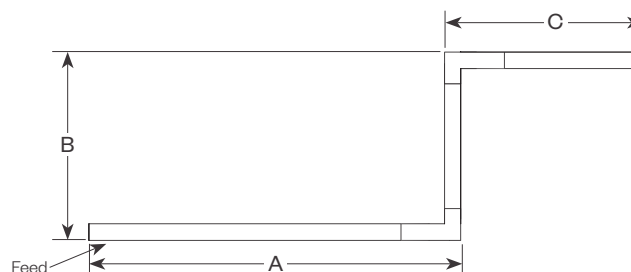
Nomenclature: A-B-PR



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





PROJECT:

TYPE:

Performance Data

Multiplying Factors: (Multiplying Factor is based on 3000K, 90CRI 120V IES file on website)

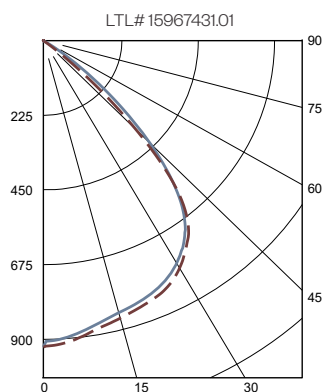
Wattage:	3W	4W	5W	6W	7W	8W	9W	10W	Louver:	White
Factor:	0.63	0.82	1.0	1.18	1.37	1.57	1.75	1.96	Factor:	1.03

CCT:	2700K, 90CRI	3000K, 90CRI	3500K, 90CRI	4000K, 90CRI
Factor:	0.95	1.0	1.04	1.08

Perimeter Vertical Flood

Ordered Wattage/Ft	Black Louver		
	Actual Wattage/Ft	Lumens per Ft	LPW
3	3.02	255	84.4
4	3.95	331	83.8
5	4.97	404	81.3
6	6.00	477	79.5
7	6.98	554	79.4
8	8.00	634	79.3
9	9.00	707	78.6
10	10.10	792	78.4

Data is based on 3000K, 90+ CRI



Polar Curve based on Black Louver,
5W/ft, 3000K, 90CRI



PROJECT:

TYPE:

Dimming Compatibility

Amerlux® Comfort Vue 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 ---

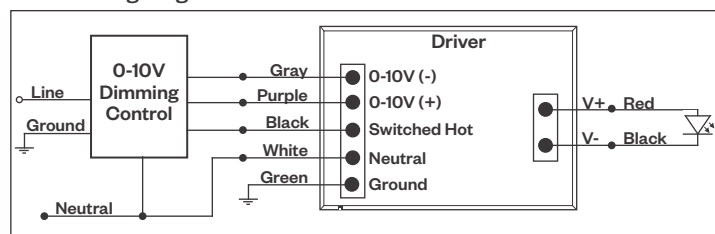
0-10V - DIMMING (Standard)

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			Central System
Lutron:	Wattstopper:	Leviton:	Lutron Grafikx Eye with GRX-TV1 Interface
Diva - DVSTV	ADF-120277	Renoir II	
Maestro - MS-Z101			
Nova-T - NTSTV-DV			

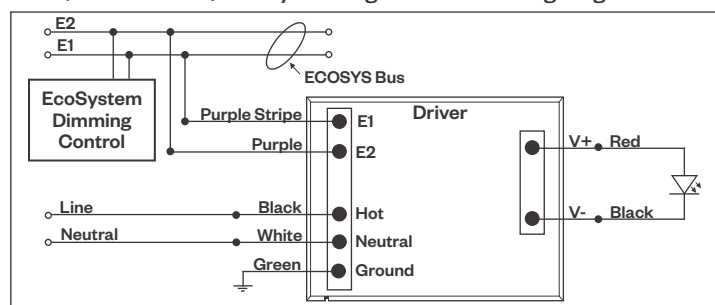
LUTRON LDE1 DIMMING

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	

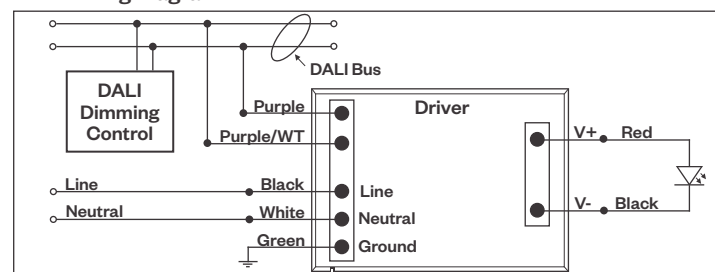
DALI - DALI DIMMING 120V-277V

Digital control protocol allows individual fixture control

Notes:

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

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 Fixture with Built-In Battery Pack

Emergency fixture with built-in battery pack (**EMB**) wiring:

Note: EMB not available on lengths under 4'.

