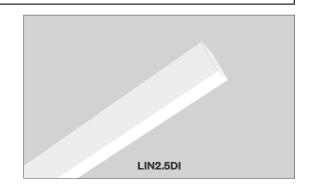


PROJECT: TYPE:

Features

Linea 2.5" drives your design scenario, seamlessly. Streamlined and flexible, these architectural LED pendants provide the freedom to create truly dynamic spaces. A synthesis of aesthetics, performance and energy efficiency, the Linea family delivers on its promises. Linea 2.5" complements our Gruv 2.5" products.



Product Overview

Type: Cable Suspended or Wall Mounted Linear, Direct/Indirect

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% Dim DALI DT8, 1% digital dimming

Lutron Athena TW (integral

wireless RF node)

Soft-On/Fade-to-Black DALI dimming, 1% dim

Dimming (wireless): Lutron Athena (integral

wireless RF node)

BubblyNet Bluetooth

Certifications







Fixture Summary

Performance Data

Nominal	Delivered Lumens				Color	
Wattage/Foot	Direct	Indirect	Total	LPW	Temp	CRI
5/5	2351	2354	4705	129.6	3500K	83
10/10	4374	4441	8815	123.5	3500K	83

Data is based on 3500K-83120V IES files available on website.

Data is based on 4' fixture with Performance Lens direct & Upper Clear lens indirect.

Electrical Data

		4'		8'		
Wattage per Foot	Voltage	System Watts	Amps	System Watts	Amps	
10	120V	36.3	0.30	72.6	0.61	
	277V	36.3	0.13	72.6	0.26	
20	120V	71.4	0.60	142.8	1.19	
	277V	71.4	0.26	142.8	0.52	

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

Standard Patterns

L				Wall to Ceiling		Custom*
Yes	Yes	Yes	Yes	Yes	No	Yes

^{*}Submit drawing, consult factory.

Runs

Individual Runs: 2' - 8' (whole foot standard).

Continuous Runs: Available (whole foot standard).

Custom: Made to measure lengths available (nearest 1/8" of field dimensions).

Requires approval drawings. Added cost & lead time.





PROJECT: TYPE:

Ordering Information

LIN2.5DI-A16. 120/277 10 8 11 12 Model 2 Optics (select 1 from each list) Mounting 4 Circuiting LIN2.5DI-A16⁺ Pendant Mount (aircraft cable suspension) Wall Mount 1 single circuit Direct PL performance lens (standard) ASW04 through ceiling tile or gvp board, white, 4'* WM wall mount 2 up/down switch **DL** designer lens ASW10 through ceiling tile or gyp board, white, 10' separately SLDW straight blade louver, white aluminum, ASW20 through ceiling tile or gyp board, white, 20' solid blades w/overlay ASB04 through ceiling tile or gyp board, black, 4'* SLDB straight blade louver, black, solid blades ASB10 through ceiling tile or gyp board, black, 10' w/overlay ASB20 through ceiling tile or gyp board, black, 20' SLDS straight blade louver, silver, solid blades ASW04T over ceiling tee, white, 4'* ASW10T over ceiling tee, white, 10' w/overlav DRP1 1" drop lens ASW20T over ceiling tee, white, 20' Indirect ASB04T over ceiling tee, black, 4'* ASB10T over ceiling tee, black, 10' BAT batwing uplight (standard) UC upper clear lens cover ASB20T over ceiling tee, black, 20' * 4' (xxx04) is standard length, other lengths are additional charge Wattage (per foot, D/I) Color Temp Length Finish Voltage Static White HW high reflectance 120/277 10/10 matte white 27 2700K-83 279 2700K-90+ Length A Length B Length C 5/10 30 3000K-83 309 3000K-90+ BT black texture PU all patterns all patterns 10/5 35 3500K-83 359 3500K-90+ ST silver texture - IND PR (2 lengths - P7

10 Configuration

components.

wattage options.

Note: 3' units must use

same wattage for D/I

 \mbox{IND}^{1} individual fixture, 2' to 8' in 1' increments

CON continuous run > than 8', specify to nearest foot **CUS** custom made to measure, +/- 1/8" of customer

40 4000K-83

Tunable White

(2700K-5700K)

TW9-2757 tunable white, 90CRI

409 4000K-90+

Standard Patterns (see pg 6 for details)

supplied field dimensions

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

For custom patterns, submit an EDR on ameriux.com

1 Drivers/Controls

Wired - Static White

 $\textbf{0-10V}\ \ 1\%\ analogue\ dimming, 120-277 VAC, dim\ to\ off\ when\ selected\ with\ wireless\ dimming\ control$

- CON

- CUS

of 2)

 $\textbf{HILUME-H-ECO} \ \, \text{Lutron LDE1 Hi-lume} \, 1\% \, \text{dim Soft-On/Fade-to-Black}$

DALI DALI dimming 120-277VAC, 1% dim

For other RAL color

consult factory

Wired - Tunable White

 $\textbf{0-10V-TW} \ \ 1\% \ dimming, multi-volt \textit{(120V-277V)} \ constant \ current$

 $\textbf{DALI-DT8} \ 1\% \ digital \ dimming, \ \textbf{CCT} \ control \ per \ \textbf{DALI} \ \textbf{DT8} \ \textit{(120V-277V)} \ constant \ current$

Wireless - Static White

 $\textbf{AWNR-WH-SR} \ \ \text{Lutron Athena wireless node, RF only, white, D4i/DALI-2}$

AWNR-BL-SR Lutron Athena wireless node, RF only, black, D4i/DALI-2

AWNR-WH-010 Lutron Athena wireless node, RF only, white, 0-10V

 $\textbf{AWNR-BL-010} \;\; \text{Lutron Athena wireless node, RF only, black, 0-10V}$

 $\textbf{AWNR-OCC-WH-SR} \ \ \text{Lutron Athena wireless node, Occupancy \& Daylight sensor, white, D4i/DALI-2}$

AWNR-OCC-BL-SR Lutron Athena wireless node, Occupancy & Daylight sensor, black, D4i/DALI-2

AWNR-OCC-WH-010 Lutron Athena wireless node, Occupancy & Daylight sensor, white, 0-10V

AWNR-OCC-BL-010 Lutron Athena wireless node, Occupancy & Daylight sensor, black, 0-10V

 $\textbf{BN-BT-OCC-WH-SR} \ \ \text{BubblyNet Bluetooth node, Occupancy \& Daylight sensor, white, D4i/DALI-2}$

BN-BT-OCC-WH-010 BubblyNet Bluetooth node, Occupancy & Daylight sensor, white, 0-10V

Wireless - Tunable White

AWNR-WH-SR-TW Lutron Athena wireless node, RF only, white, D4i/DALI-2

AWNR-BL-SR-TW Lutron Athena wireless node, RF only, black, D4i/DALI-2

AWNR-OCC-WH-SR-TW Lutron Athena wireless node, Occupancy & Daylight sensor, white, D4i/DALI-2 AWNR-OCC-BL-SR-TW Lutron Athena wireless node, Occupancy & Daylight sensor, black, D4i/DALI-2

12 Options/Accessories

EMC-PF² emergency circuit requires power feed located in last fixture section (for other locations consult factory)

PF² Extra power feed for additional circuiting

EMB[†] emergency battery pack (not available for lengths under 4')

† An additional **PF** needs to be ordered for all 2-circuit DI fixtures ordered with an **EMB**.

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.

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



PROJECT:

Specifications

Application

Open office plan, conference rooms, corridors or any indoor retail space where an exciting combination of direct and indirect ambient lighting is desired.

Construction

One piece extruded aluminum housing. Die-cast End Plates match fixture body finish. Die-formed, cold-rolled steel internal components are protected against rust and corrosion.

Optical

Direct:

All Direct lenses are snap-in, extruded acrylic, with a maximum length of 8". Ameriux's proprietary acrylic lens provides excellent transmission while effectively concealing source image.

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

 $\ensuremath{\text{DL}}$ - Designer Lens provides flat even glow on lens. Best when lens is in direct or constant view.

SLDx - Straight blade Louver Direct has 0.5" high blades 0.75" on center with overlay. Available in (*W*) white aluminum (*light gray, appears white when lit*), (*B*) black or (*S*) silver.

DRP1 - 1" Drop lens with illuminated end caps.

Indirect:

Extruded acrylic lens with a maximum length of 8'.

BAT- Batwing uplight lens (*standard*) spreads light directly above fixture. A minimum of 18" distance between ceiling plane and top of fixture is suggested. **UC** - Upper Clear lens cover (*optional*).

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 what the fixture layout. LED boards are easily replaced in the field with just a Phillips screw driver.

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

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.

- 1 1 Circuit, direct & indirect same circuit
- **2** 2 Circuits, direct & indirect switch separately (power feed at both ends). Standard Wattage: 5W/ft. 10W/ft.

Optional Wattages: 3W/ft, 4W/ft, 6W/ft, 7W/ft, 8W/ft, 9W/ft. (3W & 4W have a minium 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. Ameriux® recommends using additional surge protection with this unit (supplied by others), surge and over voltage damage is not covered under warrantv.

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

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

TYPE:

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

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.

 $\begin{tabular}{ll} $\bf A'-B'-PLL - L \ Left - (1) \ 90^o \ Corner \ 2 \ segments. Specify overall segments: A' \& B' \\ $\bf A'-B'-PLR - L \ Right - (1) \ 90^o \ Corner \ 2 \ segments. Specify overall segments: A' \& B' \\ $\bf A'-B'-PR - \ Rectangle - (4) \ 90^o \ Corners \ joining \ 4 \ segments. Specify overall segments: A' \& B' \\ \end{tabular}$

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.

For custom patterns, submit EDR on amerlux.com.

Mounting

The Linea 2.5 Direct / Indirect is intended to be pendant or wall mounted in continuous rows. For indirect lighting Amerlux suggests 18" min from top of fixture to ceiling. Standard or custom patterns available.

 $\label{linear} \textbf{LIN2.5DI-A16....ASW10} - \text{Direct/Indirect pendant installed in center of ceiling tile or gypsum board ceiling (standard) i.e. ASW10. Or if canopy is installed on a grid Tee runner add, <math>\textbf{T}$ i.e. ASW10T.

Cable Suspension: Cable is stranded stainless steel wire. All fittings are protected against rust and corrosion. Canopies are 5° x 1/4" die formed painted steel. Adjustment mechanism allows for infinite height adjustment. Amerlux recommends the required feed and non-feed suspensions based upon length and electrical options. Options include: color of canopy and power cord (black or white), length 10' or 20', and mounting condition, in center of ceiling tile and in gypsum board ceiling (standard) i.e. ASW10. Or if canopy is installed on a grid Tee runner add, **T** i.e. ASW10T

LIN2.5DI-A16...WM - Direct Indirect Wall Mounted using steel cleat bracket attached to fixture housing and wall bracket with set screws. Two bracket assemblies are used for each length under 8'. A third center bracket may be recommended. J box required at feed locations.

Please note: 1 Circuit is standard, the direct & indirect are on the same circuit. 2 Circuits, direct & indirect switched separately with power feeds at both ends.

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

Warranty

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

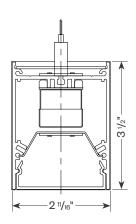


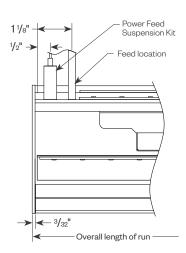




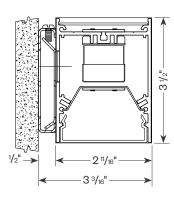
Product Details

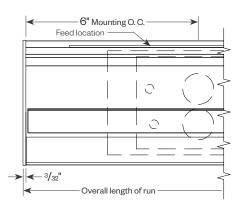
Pendant



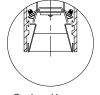


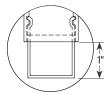
Wall Mount





Optional Louver/Drop Lens





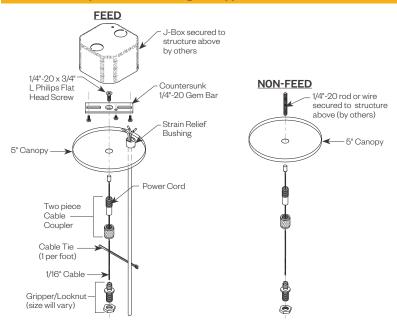
Optional Louver

Optional Drop Lens



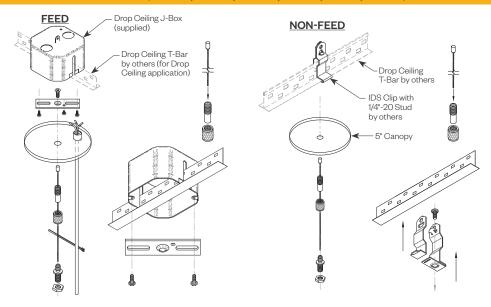


Cable Kit Suspension - Ceiling or Gypsum Board (ASW04, ASW10, ASW20, ASB04, ASB10, ASB20)



Cat#	Length	Cord/Canopy	Application
ASW04	4'	white/white	ceiling tile/gypsum
ASW10	10'	white/white	ceiling tile/gypsum
ASW20	20'	white/white	ceiling tile/gypsum
ASB04	4'	black/black	ceiling tile/gypsum
ASB10	10'	black/black	ceiling tile/gypsum
ASB20	20'	black/black	ceiling tile/gypsum
ASW04T	4'	white/white	ceiling tee
ASW10T	10'	white/white	ceiling tee
ASW20T	20'	white/white	ceiling tee
ASB04T	4'	black/black	ceiling tee
ASB10T	10'	black/black	ceiling tee
ASB20T	20'	black/black ceiling tee	

Tee Grid or Screw Slot (ASW04T, ASW10T, ASW20T, ASB04T, ASB10T, ASB20T)





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)



Linea 2.5" Patterns

Standard Patterns

All corners are standard 90°, standard length legs.

Use standard lengths: 4' min to 8' in 1 foot increments.

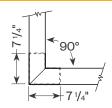
Continuous runs must be the same length in pairs for closed configuration.

Custom Patterns

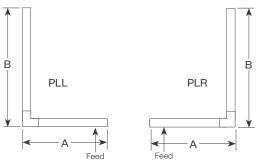
Please provide drawings of your configuration.

Made to Measure: +/- 1/8", consult factory.

PC - custom pattern, please provide drawings and consult factory.



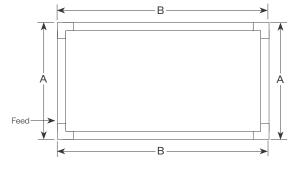
Linea 2.5 Lens Mitered Lens



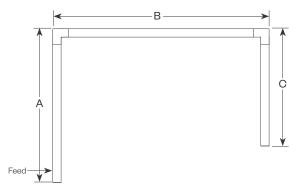
PLL - L Left, (2) straights + (1) 90° corner, leg right PLR - L Right, (2) straights + (1) 90° corner, leg left

Provide overall lengths: A' & B'

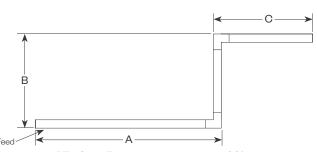
Nomenclature: A-B-PLL A-B-PLR



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' & O' Nomenclature: A-B-C-PZ





PROJECT: TYPE:

Performance Data

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

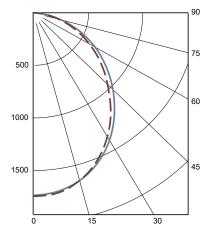
Wattage:	3W	4W	5W	6W	7W	8W	9W	10W
Factor:	0.31	0.42	0.53	0.63	0.72	0.81	0.90	1.0

ССТ	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

LINEA 2.5" DIRECT PERFORMANCE LENS 10W 3500K 4FT

Total Watts: 38; Total Lumens: 4374

Source: 128 White LED's



LTL# 14664757.09 ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt			
0-40	2101	48.0			
0-60	3534	80.8			
0-90	4374	100.0			
90-180	0	0.0			
Efficacy (lumens/watt) = 115 lm/W					

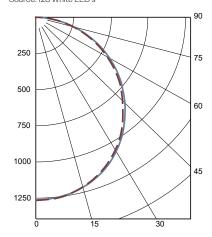
COEFFICIENTS OF UTILIZATION

RC		8	80			
RW	70	50	30	10		
RCR						
0	119	119	119	119		
1	109	104	100	97		
2	100	91	85	79		
3	91	81	73	66		
4	83	72	63	57		
5	77	64	56	49		
6	71	58	49	43		
7	66	53	44	38		
8	62	48	40	34		
9	58	44	36	31		
10	54	41	33	28		

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

LINEA 2.5" DIRECT DESIGNER LENS 10W 3500K 4FT

Total Watts: 38; Total Lumens: 3658 Source: 128 White LED's



LTL# 14664757.10 ZONAL LUMEN SUMMARY

ZONAL LUIVIEN SUIVIIVIAN I							
Zone	Lumens	%Fixt					
0-40	1606	43.9					
0-60	2832	77.4					
0-90	3658	100.0					
90-180	0	0.0					

Efficacy (lumens/watt) = 96.3 lm/W

COEFFICIENTS OF UTILIZATION

RC	80						
RW	70	50	30	10			
RCR							
0	119	119	119	119			
1	108	103	99	95			
2	98	90	83	77			
3	90	79	70	64			
4	82	70	61	54			
5	75	62	53	46			
6	69	56	47	40			
7	64	51	42	36			
8	60	46	38	32			
9	56	42	34	29			
10	53	39	31	26			

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







Performance Data (continued)

Multiplying Factors: (Multiplying Factor is based on 3500K-80 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

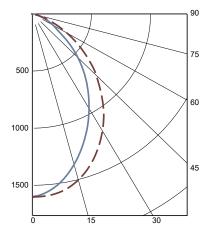
ССТ	CCT Factors:					
CRI	2700K	3000K	3500K	4000K	(@3500K)	
83	0.92	0.97	1.0	1.02	-	
90	0.81	0.84	0.86	0.89	0.86	

	Lou	ıver
Finish:	SLV	BLK
Factor:	1.0	0.65

LINEA 2.5" DIRECT STRAIGHT BLADE LOUVER (SLV) 10W 3500K 4FT

Total Watts: 38; Total Lumens: 2694

Source: 128 White LED's



LTL# 14664757.11 ZONAL LUMEN SUMMARY Zone Lumens %Fixt 0-40 61.7 1663 0-60 2469 91.7 0-90 2694 100.0 90-180 0 0.0

Efficacy (lumens/watt) = 70.9 lm/W

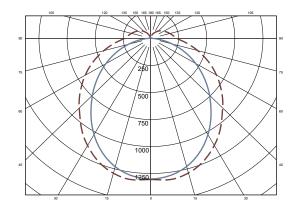
COEFFICIENTS OF UTILIZATION

RC		8	0	
RW	70	50	30	10
RCR				
0	119	119	119	119
1	111	107	104	101
2	103	96	91	86
3	96	87	80	75
4	89	79	71	65
5	82	71	64	58
6	77	65	57	52
7	72	60	52	47
8	67	55	48	42
9	63	51	44	39
10	59	47	40	35
A1. (. 1 /				

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

LINEA 2.5" DIRECT DROP LENS 10W 3500K 4FT

Total Watts: 38: Total Lumens: 4566 Source: 128 White LED's



LTI #1466475712

ZONALL	OIVILIA SOIVIIVIA	3D I
Zone	Lumens	%Fixt
0-40	1661	36.4
0-60	2930	64.2
0-90	4038	88.4
90-180	528	11.6
Effect (lumone/watt) -	- 1201 lm/\//

COEFFICIENTS OF UTILIZATION

RC		8	0	
RW	70	50	30	10
RCR				
0	116	116	116	116
1	105	99	94	90
2	95	86	78	72
3	86	75	66	59
4	78	66	57	50
5	72	59	50	43
6	67	53	44	37
7	62	48	39	33
8	57	44	35	29
9	54	40	32	26
10	50	37	29	24

Note: Values expressed as % of total lumen output





PROJECT: TYPE:

Performance Data (continued)

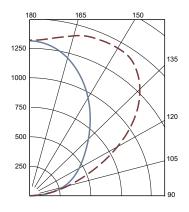
Multiplying Factors: (Multiplying Factor is based on 3500K-83 120V IES file on website)

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

ССТ	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

LINEA 2.5" INDIRECT BATWING LENS 10W 3500K 4FT

Total Watts: 33; Total Lumens: 4347 Source: 120 White LED's



LTL#14664757.13A ZONAL LUMEN SUMMARY Zone Lumens 0-40 0 0.0 0-60 0 0.0 0-90 0 0.0 90-180 4347 100.0 Efficacy (lumens/watt) = 130 lm/W

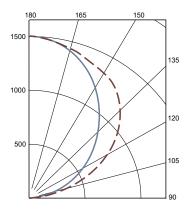
COEFFICIENTS OF UTILIZATION

RC		8	0	
RW	70	50	30	10
RCR				
0	95	95	95	95
1	87	83	79	76
2	79	72	66	62
3	72	63	57	51
4	65	56	48	43
5	60	49	42	36
6	55	44	36	31
7	50	39	32	27
8	47	35	28	23
9	43	32	25	20
10	40	29	22	18
A / . / 1 / .				4 4

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

LINEA 2.5" INDIRECT UPPER CLEAR LENS 10W 3500K 4FT

Total Watts: 33; Total Lumens: 4441 Source: 120 White LED's



LTL# 14664757.14						
ZONAL LUMEN SUMMARY						
Zone	Lumens	%Fixt				
0-40	0	0.0				
0-60	0	0.0				
0-90	0	0.0				
90-180	4442	100.0				
Efficacy (I	Efficacy (lumens/watt) = 132.8 lm/W					

COEFFICIENTS OF UTILIZATION

RC		8	0	
RW	70	50	30	10
RCR				
0	95	95	95	95
1	87	83	79	76
2	79	72	66	62
3	72	63	57	51
4	65	56	48	43
5	60	49	42	36
6	55	44	36	31
7	50	39	32	27
8	47	35	28	23
9	43	32	25	20
10	40	29	22	18

Note: Values expressed as % of total lumen output





Static White - Dimming Compatibility

Amerlux® Linea® 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 ---

0-101/ Wiring Diagram

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!

O-10V Dimming Control Black Switched Hot White Neutral Driver O-10V (-) O-10V (-) O-10V (+) Switched Hot V- Black	0-10 v Wiring Diagi	U-IUV WIRING DIAGRAM					
Ground Ground	Ground Control	Purple Black White	0-10V (-) 0-10V (+) Switched Hot Neutral				

Compatible Dimmers [†] :				
Wall Box			Central System	
Lutron:	Wattstopper:	Leviton:	Lutron Grafixk Eye with GRX-TV1 Interface	
Diva - DVSTV	ADF-120277	Renoir II		
Maestro - MS-Z101				
Nova-T - NTSTV-DV				

LUTRON LDE1 DIMMING

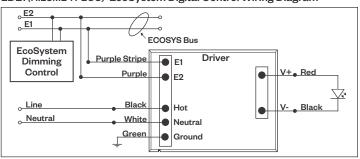
Integrates into Lutron EcoSystem building management

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!

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



- * 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.





Static White - Dimming Compatibility (continued)

Amerlux® Linea® 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:

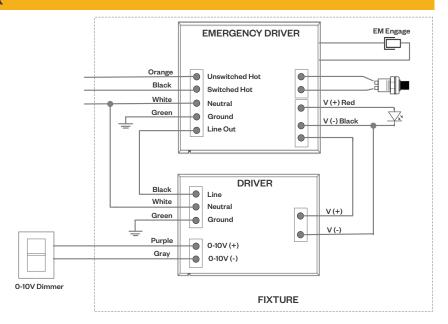
- 120VAC 277VAC*
- · Dims down to 1% light output in most cases

Compatible Dimmers†:		
Wall Box	Central System	
Leviton CD250 Controller	Dynalite	
	Fifth Light	

DALI Wiring Diagram DALI Bus DALI Purple Driver Dimming Control V+ Red Purple/WT <u>Line</u> Black Black <u>Neutral</u> White Neutral Green Ground

Emergency Fixture with Built-In Battery Pack

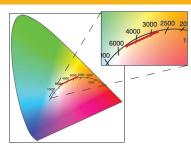
Emergency fixture with built-in battery pack (*EMB*) wiring: Note: *EMB* not available on lengths under 4'.



- * 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.



Tunable White



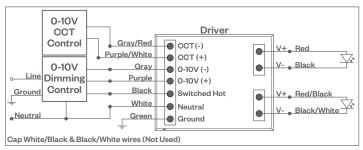
Tunable White range from 2700K-5700K, 90 CRI. See wiring diagrams below.

Tunable White - Dimming Compatibility

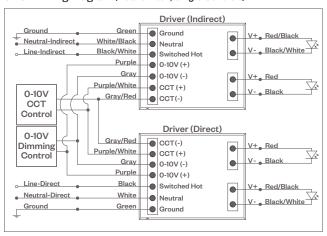
Amerlux® Linea® fixtures are compatible with all major dimming protocols prevalent in the United States. Please see below for general compatibilities and wiring diagrams. Amerlux recommends testing your unique dimming configuration as the exact full configuration (*Dimmer, Fixture Quantity, Voltage,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

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

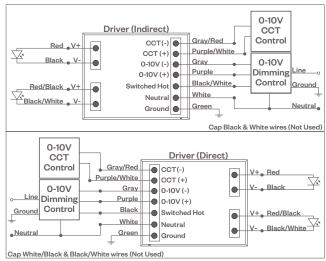
0-10V Wiring Diagram (Single Circuit)



0-10V Wiring Diagram (Dual Switch, Single Controls)



0-10V Wiring Diagram (Dual Circuit)



- * 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.



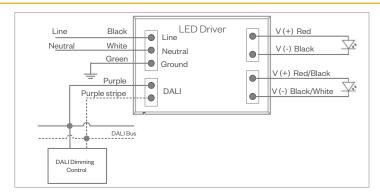


Tunable White - Dimming Compatibility (continued)

Amerlux® Linea® 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 DT8 Wiring Diagram



^{*} 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.