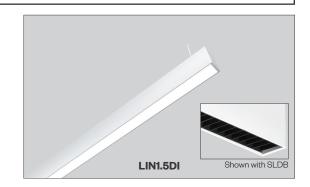


Features

Linea 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. Our tiny new Linea 1.5" pendant proves when it comes to lighting, less really is more. Linea. The power of disciplined design.



Product Overview

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

Wattage: 5W/ft, 10W/ft (other wattages available see p2)

2700K, 3000K, 3500K, 4000K; Tunable White (2700K-5700K) Color Temp:

CRI: 83 or 90+ typ. (2700K, 3000K, 3500K, 4000K)

90+ (Tunable White)

Static White Tunable White

Dimming (wired): 0-10V, 1% dimming (standard) 0-10V TW, 1% dimming DALI DT8, 1% digital dimming

Lutron LDE1 Hi-lume® 1% Dim Soft-On/Fade-to-Black

DALI dimming, 1% dim

Dimming (wireless): Lutron Athena (integral Lutron Athena TW (integral

wireless RF node) wireless RF node)

BubblyNet Bluetooth

Certifications







Fixture Summary

Performance Data

Nominal	Delivered Lumens				Color	
Wattage/Foot	Direct	Indirect	Total	LPW	Temp	CRI
5/5	1920	2095	4015	114.4	3500K	83
10/10	3691	3948	7639	108.7	3500K	83

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

Data is based on 4' fixture with Performance Lens direct & Batwing Lens indirect.

Electrical Data

		4'		8'	
Wattage per Foot	Voltage	System Watts	Amps	System Watts	Amps
10	120V	35.1	0.29	70.2	0.59
10	277V	35.1	0.13	70.2	0.25
20	120V	70.3	0.59	140.6	1.17
20	277V	70.3	0.25	140.6	0.51

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.

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

LIN1.5DI-A16 . 120/277 8 11 1 10 12 Model Optics (select 1 from each list) Mounting Circuiting LIN1.5DI-A16† Pendant Mount (aircraft cable suspension) Wall Mount 1 single circuit PL performance lens ASW04* through ceiling tile or gyp board, white, 4' 2 up/down switch SLDW straight blade louver, white aluminum, solid ASW10 through ceiling tile or gvp board, white, 10' separately blades w/overlay ASW20 through ceiling tile or gyp board, white, 20' ASB04* through ceiling tile or gyp board, black, 4' SLDB straight blade louver, black, solid blades w/overlay ASB10 through ceiling tile or gyp board, black, 10' SLDS straight blade louver, silver, solid blades w/overlav ASY asymmetric lens ASB20 through ceiling tile or gyp board, black, 20' DRP1 1" drop lens ASW04T* over ceiling tee, white, 4' Indirect ASW10T over ceiling tee, white, 10' BAT batwing uplight (standard) ASW20T over ceiling tee, white, 20' UC upper clear lens cover ASB04T* over ceiling tee, black, 4' ASB10T over ceiling tee, black, 10' ASB20T over ceiling tee, black, 20 * 4' (xxx04) is standard length, other lengths are additional charge

										,	
5	Wattage (per foot, D/I)	6	Color Temp	7	Finish	8	Voltage	9	Length		
	5/5		Static White		HW high reflectance		120/277		>	<>	<
	10/10		27 2700K-83 279 2700K-90+		matte white				Length A	Length B	Length C
	5/10		30 3000K-83 309 3000K-90+		BT black texture				- all patterns	- all patterns	- PU
	10/5		35 3500K-83 359 3500K-90+		ST silver texture				- IND	- PR (2 lengths	- PZ
	Consult factory for other wattage options.		40 4000K-83 409 4000K-90+		For other RAL color,				- CON	of 2)	
	Note: 3' units must use same wattage for		Tunable White		consult factory				- CUS		
	D/I components.		TW9-2757 tunable white, 90CRI								
			(2700K-5700K)								

10 Configuration

IND1 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 supplied field dimensions

Standard Patterns (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

For custom patterns, submit an EDR on amerlux.com.

1 Drivers/Controls

Wired - Static White

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

HILUME-H-ECO Lutron LDE1 Hi-lume® 1% dim Soft-On/Fade-to-Black

DALI DALI dimming 120-277VAC, 1% dim

Wired - Tunable White

0-10V-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

AWNR-WH-SR 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

AWNR-BL-010 Lutron Athena wireless node, RF only, black, 0-10V

AWNR-OCC-WH-SR 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-BL-SR Lutron Athena wireless node, Occupancy & Daylight sensor, black, D4I/DAI
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

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

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

 $\textbf{EMC-PF}^2 \ \ \text{emergency circuit requires power feed located in last fixture section} \ \ \textit{(for other locations consult factory)}$

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**

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 Ameriux representative for explanations of changes.

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



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.

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 lenses are snap-in, extruded acrylic, with a maximum length of 8'. Fixtures shipped with lenses installed. Amerlux's proprietary acrylic lens provides excellent transmission while effectively concealing source image. All louvers are retained with spring clips attached to louver side rails, for good fit and retention.

PL - Performance Lens provides high efficiency with greater lens surface brightness. SLDx - Straight blade Louver Direct has 0.5" high blades 0.493" on center with overlay. Available in (W) white aluminum (light gray, appears white when lit), (B) black or (S) silver.

ASY - Asymmetric 20° throw lens is backed high diffusion film that eliminates striations

DRP1 - 1" Drop lens with illuminated end caps.

Indirect:

Extruded acrylic lens with a maximum length of 8'.

BAT - Batwing uplight lens spreads light directly above fixture. 18" minimum distance between ceiling plane and top of fixture suggested.

UC - Upper Clear lens cover.

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
CCT:	2700K, 3000K, 3500K, 4000K	2700K-5700K
CRI:	83 or 90+ typical	90+ (92 typ)
R9:	16 @ CRI 83; >50 @ CRI 90+	>50
110.	10 @ OH 100, 200 @ OH 190 1	700

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 thers).

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 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.

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

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

CON - Continuous runs are longer than 8', specified to the nearest whole foot. Continuous runs less than 16' are made of 2 lengths. Continuous runs longer than 16' start with a 8' Beginning of Row (BoR) wired with a power feed and fitted with an End Cap. The majority of the runs are made up of 8' Middle of Run (MoR) lengths. End of Run (EoR) units are made up of 2' to 8' units to the nearest whole foot or a combination of a last 4' MoR and a 5', 6' or 7' EoR. Runs longer than 60' may require a second power feed. Factory installed pins and splines simplify fixture alignment. Lengths are quickly joined with "catch and latch" mechanisms or screws and sturdy brackets. Quick connectors simplify field wiring.

CUS - Custom made to measure runs are made to nearest 1/8" of customer supplied field measurements. They can be a single custom length or runs configured as described above only EoR's are 2' to 8' cut to the nearest 1/8" exact length or a combination of a last 4' MoR with an EoR cut to exact length to the nearest 1/8".

PXX - Standard patterns consist of 90° corners with standard lengths (3' to 8' in 1' increments) or custom lengths. Depending upon complexity of the pattern, drawings may be required. When 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.

For custom patterns, submit an EDR on amerlux.com.

Mounting

The Linea 1.5 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.

LIN1.5DI-A16....ASW10 - Direct/Indirect 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. T i.e. ASW10T.

Cable Suspension: Cable is stranded stainless steel wire supplied with cable gripper and 5"x.250" steel die formed canopy. All components are protected against rust and corrosion. Power feeds are 16 gauge 3 or 5 conductor SJT cord supplies in same color as canopy. Amerlux supplies the required feed and non-feed suspension kits based upon length, electrical options and customer requirements. Suspension kit options include: color, length and mounting condition.

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.

LIN1.5DI-A16.... WM - 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.

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. For direct/indirect fixtures, only the direct omponent will light up.

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.

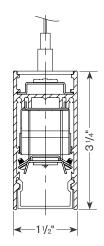


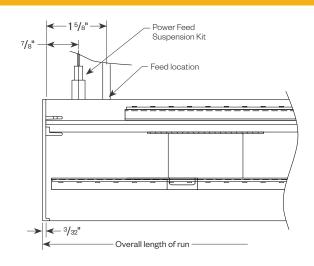


PROJECT: TYPE:

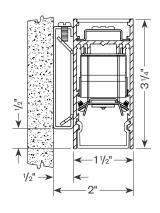
Product Details

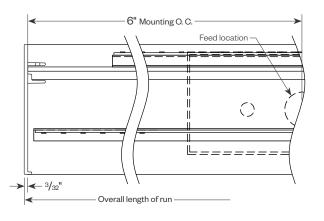
Pendant





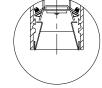
Wall Mount





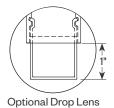
Optional Louver/Drop Lens





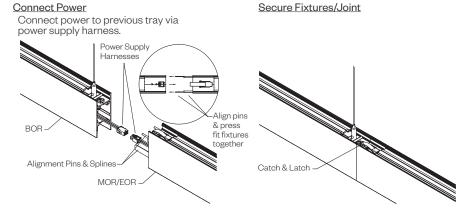
Optional Asymmetric Lens

Optional Louver



Tool-less Joining

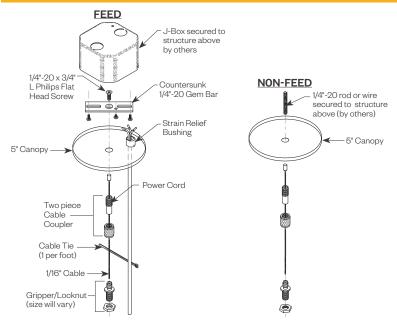
Line up the two housings by using the alignment pins & splines. Secure them together by using the Catch & Latch System on the top of or inside the extrusion.





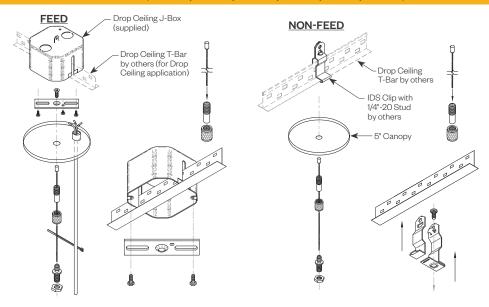


Cable Kit Suspension - Ceiling or Gypsum Board (ASW04, ASW10, ASW20, ASB04, ASB10, ASB20)



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)





PROJECT:

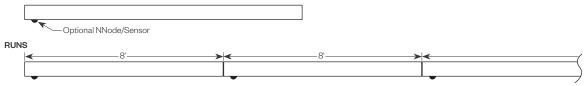
Optional Sensor/RF Node

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.

TYPE:

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

INDIVIDUAL (MIN 3' LENGTH)



Linea 1.5" Patterns

Standard Patterns

All corners are standard 90°, standard length legs.

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

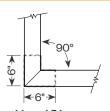
Continuous runs must be the same length in pairs for closed configuration.

Custom Patterns

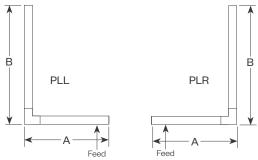
Please provide drawings of your configuration.

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

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



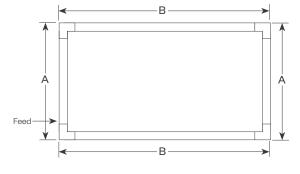
Linea 1.5 Lens Mitered Lens



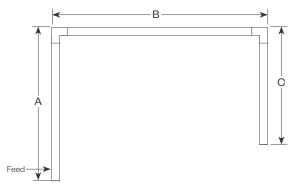
PLL - L Left, (2) straights + (1) 90° corner, leg right PLR - L Right, (2) straights + (1) 90° corner, leg left

Provide overall lengths: A' & B'

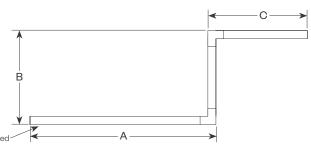
Nomenclature: A-B-PLL A-B-PLR



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





PROJECT: TYPE:

Performance Data

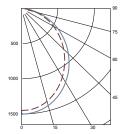
Multiplying Factors: (Multiplying Factor is based on 3500K-83 120V IES file on website)

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

CCT	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 1.5" DIRECT PERFORMANCE LENS 10W 3500K 4FT

Total Watts: 37 Total Lumens: 3691 Source: 96 White LED's



LTL#14664757.01 ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-40	1759	47.7
0-60	2984	80.8
0-90	3691	100.0
90-180	0	0.0

Efficacy (lumens/watt) = 101.1 Im/W

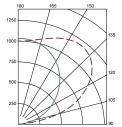
COEFFICIENTS OF UTILIZATION

RC		8	0	
RW	70	50	30	10
RCR				
0	119	119	119	119
1	109	105	100	97
2	100	92	85	79
3	91	81	73	66
4	83	72	63	57
5	77	64	55	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 1.5" INDIRECT BATWING LENS 10W 3500K 4FT

Total Watts: 34 Total Lumens: 3948 Source: 88 White LED's



LTL#14664757.06

ZONAL LUMEN SUMMARY									
Zone	Lumens	%Fixt							
0-40	0	0.0							
0-60	0	0.0							
0-90	0	0.0							
90-180	3948	100.0							

Efficacy (lumens/watt) = 116.9 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 delivered to the task surface.





PROJECT: TYPE:

Performance Data (continued)

Multiplying Factors: (Multiplying Factor is based on 3500K-80 120V IES file on website)

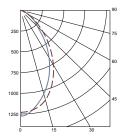
Wattage:	3W	4W	5W	6W	7W	8W	9W	10W
Factor:	0.31	0.42	0.53	0.63	0.72	0.81	0.90	1.0

ССТ	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

	Lou	iver
Finish:	SLV	BLK
Factor:	1.0	0.65

LINEA 1.5" STRAIGHT BLADE LOUVER (SLV) 10W 3500K 4FT

Total Watts: 37 Total Lumens: 1584 Source: 96 White LED's



LTL# 14664757.05

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-40	1129	71.3
0-60	1502	94.8
0-90	1584	100.0
90-180	0	0.0

Efficacy (lumens/watt) = 43.5 lm/W

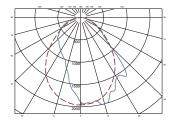
COEFFICIENTS OF UTILIZATION

RC		8	0	
RW	70	50	30	10
RCR				
0	119	119	119	119
1	112	109	106	103
2	105	99	94	89
3	98	90	84	79
4	91	82	75	70
5	86	75	68	63
6	80	70	62	57
7	75	64	57	52
8	71	60	53	48
9	67	56	49	44
10	63	52	45	41
A / 1 /				4

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

LINEA 1.5" ASYMMETRIC LENS 10W 3500K 4FT

Total Watts: 37 Total Lumens: 4046 Source: 96 White LED's



LTL# 14664757.02

ZONAL LUMEN SUMMARY					
Zone	Lumens	%Fixt			
0-40	2048	50.6			
0-60	3358	83.0			
0-90	4046	100.0			
90-180	Ο	00			

Efficacy (lumens/watt) = 110.8 lm/W

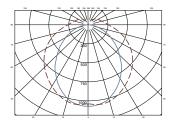
COEFFICIENTS OF UTILIZATION

RC		8	0	
RW	70	50	30	10
RCR				
0	119	119	119	119
1	110	105	101	97
2	100	92	86	81
3	92	82	74	68
4	85	73	65	58
5	78	66	57	51
6	72	60	51	45
7	67	54	46	40
8	63	50	41	36
9	59	46	38	32
10	55	42	35	30

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

LINEA 1.5" DROP LENS 10W 3500K 4FT

Total Watts: 37 Total Lumens: 4014 Source: 96 White LED's



LTL# 14664757.03

ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt			
0-40	1339	33.4			
0-60	2397	59.7			
0-90	3427	85.4			
90-180	588	14.6			
Efficacy (lumens/watt) = 109.9 lm/W					

COEFFICIENTS OF UTILIZATION

RC		8	O	
RW	70	50	30	10
RCR				
0	116	116	116	116
1	103	98	93	88
2	93	84	77	70
3	85	73	65	58
4	77	65	55	48
5	71	58	48	41
6	65	52	42	36
7	60	47	38	32
8	56	43	34	28
9	52	39	31	25
10	49	36	28	23

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





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 ---

0-10V 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!

				Driver]
<u> Line</u>	0-10V Dimming	Gray Purple	•	0-10V (-) 0-10V (+)	V+ Red
Ground	Control	Black White	•	Switched Hot Neutral	V- Black
Neut	tral	Green	•	Ground	

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

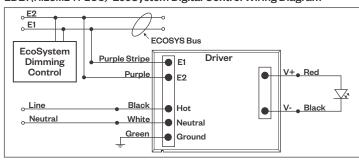
Integrates into Lutron EcoSystem building management

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



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.





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:

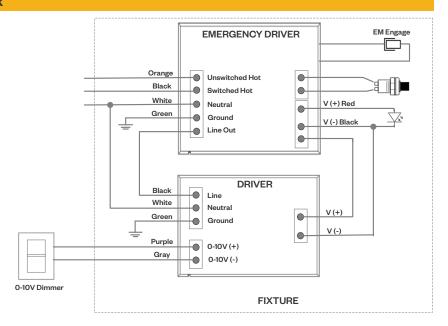
- 120VAC 277VAC*
- · Dims down to 1% light output in most cases

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

DALI Wiring Diagram DALI Bus DALI Purple Driver Dimming Control ۷+۵ Red Purple/WT <u>Line</u> Black Black <u>Neutr</u>al 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'.

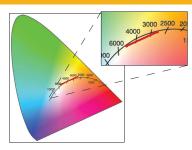


Notes:

- * 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.



Tunable White



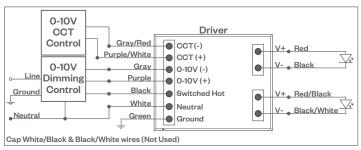
Tunable White range from 2700K-5700K, 90 CRI. See wiring diagrams below.

Tunable White - Dimming Compatibility

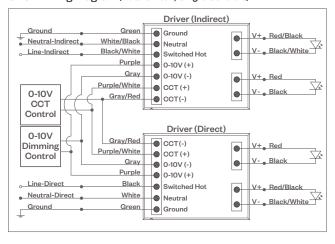
Amerlux® Linea® fixtures are compatible with all major dimming protocols prevalent in the United States. Please see below for general compatibilities and wiring diagrams. Amerlux recommends testing your unique dimming configuration as the exact full configuration (*Dimmer, Fixture Quantity, Voltage,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

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

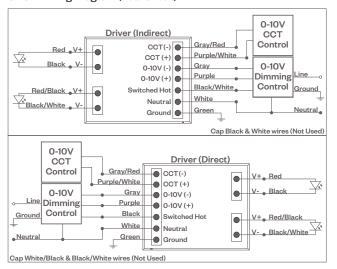
0-10V Wiring Diagram (Single Circuit)



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



0-10V Wiring Diagram (Dual Circuit)



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.





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

