

Linea® 1.5"

Linear Direct Remote Driver



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

Type:	Cable Suspended, Wall or Surface Direct
Wattage:	5W/ft, 10W/ft (other wattages available see p2)
Lumen Output:	3,263 max; 78.4 Lm/W (10W, 4ft fixture)
Color Temp:	2700K, 3000K, 3500K, 4000K
CRI:	83 typ. (2700K, 3000K, 3500K, 4000K)
Dimming:	0-10V, 1% dimming (standard) Lutron Hi-lume® 3 wire, 1% dim Lutron Hi-lume® EcoSystem, 1% dim Lutron Hi-lume® 2 wire Lutron Hi-lume® EcoSystem, 1% dim, fade to off Lutron Hi-lume® 5 Series DALI dimming, 0.1% dim

PROJECT:

TYPE:

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

Performance Chart

Wattage per Foot	Delivered Lumens	LPW	Color Temp
5	1,840	87.6	3500K
10	3,263	78.4	3500K

*Data is based on 3500K-83 IES files available on website
Data is based on 4' fixture with performance lens*

Runs

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

Continuous Runs: Available *(whole foot standard)*

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

Requires approval drawings. Added cost & lead time.

Electrical Data

Wattage per foot		4'		8'	
		System Watts	Amps	System Watts	Amps
5	120V	19	0.16	37	0.31
	277V	21.3	0.08	38	0.14
10	120V	40	0.33	80	0.66
	277V	40	0.15	80	0.30

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

Standard Patterns

"L"	"J"	"U"	"O"	"Z"	Wall to Ceiling	Custom*
Yes	Yes	Yes	Yes	Yes	No	Yes

** Submit drawing, consult factory*



Linea[®] 1.5" Direct Remote

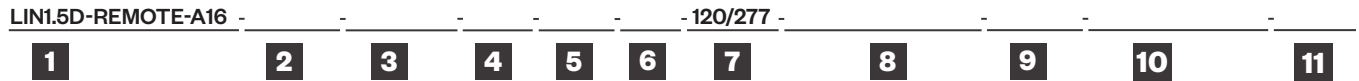
Linear Direct Remote Driver



PROJECT:

TYPE:

Ordering Information



1 Model
LIN1.5D-REMOTE-A16 (Remote driver)

2 Optics
PL - performance lens (standard)
SLDW - straight blade louver (white) direct with overlay
SLDB - straight blade louver (black) direct with overlay
SLDS - straight blade louver (silver) direct with overlay
ASY - asymmetric lens

3 Mounting
ASW10 - through ceiling tile or gyp board, white, 10'
ASW20 - through ceiling tile or gyp board, white, 20'
ASB10 - through ceiling tile or gyp board, black, 10'
ASB20 - through ceiling tile or gyp board, black, 20'
ASW10T - over ceiling tee, white, 10'
ASW20T - over ceiling tee, white, 20'
ASB10T - over ceiling tee, black, 10'
ASB20T - over ceiling tee, black, 20'

4 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)
6 - 6W/ft
7 - 7W/ft
8 - 8W/ft
9 - 9W/ft

5 Color Temp
83 CRI:
27 - 2700K-83
30 - 3000K-83
35 - 3500K-83
40 - 4000K-83
92 CRI optional, consult factory

6 Finish
HW - high reflectance matte white
BT - black texture
ST - silver texture
For other RAL color, consult factory

7 Voltage
120/277

8 Length

(Length A)	(Length B)	(Length C)
Length A (used for)	Length B (used for)	Length C (used for)
- all patterns	- all patterns	- PU
- IND	- PR - 2 lengths of 2	- PZ
- CON		
- CUS		

9 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 page 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, (4) straight lengths + (4) 90° corners
PZ - Z shape, (3) straight lengths + (2) 90° corners
Custom Patterns:
PC - please provide drawings and consult factory

10 Drivers
0-10V - 1% electronic dimming, multi-volt (120V-277V) constant current driver (standard).
HILUME-A-DH - Lutron "A" Series, 1% dim, 3-wire (Dim Hot)
HILUME-A-ECO - Lutron "A" Series, 1% dim, EcoSystem
HILUME-A-LTE - Lutron "A" Series, 1% dim, 2-wire
HILUME-H-ECO - Lutron "H" Series, 1% dim, fade to off, EcoSystem
HILUME-5-ECO - Lutron "5" Series, EcoSystem
DALI - DALI Dimming 120V-277V, 0.1% dim

11 Options/Accessories
ENLF - Enlighted Sensor for use with sensor ready DALI driver. Select DALI driver under Drivers.
EMC-PF² - emergency circuit requires power feed located in last fixture section (for other locations consult factory)
PF² - Extra power feed for additional circuiting

Notes:
 1 - Lengths less than 4' may have restrictions based upon wattage, lengths, drivers or other options.
 2 - Not available with IND (individual) configuration

Linea[®] 1.5" Direct Remote

Linear Direct Remote Driver



PROJECT:

TYPE:

Specifications

Application

Open office plan, conference rooms, corridors or any indoor space where the higher light levels of a direct ambient lighting system are required. Remote location of the driver allows for a small Housing (1-1/2" wide X 1-7/8" high) with the full power of Linea 1.5 Direct.

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

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

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

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

Straight Blade Louver has 1/2" high blades, 1/2" on center.

SLDW - White (standard)

SLDB - Black

SLDS - Silver

LED

Amerlux's boards and patented connector design with brand name LEDs enables Amerlux fixtures to have excellent thermal management and offer a 10 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.

Color Temperature Options:

2700K, 3000K, 3500K, 4000K

CRI: 83 typical, 92 optional - consult factory

R9: 16 @ CRI 83

R9: >50 @ CRI 92

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

Electrical

Remote Driver Wiring:

Driver is supplied installed in remote driver box, (one driver per box), with 5' of low voltage plenum rated cable. Fixture supplied with selected low voltage plenum cable, ready to be connected to J-Box (by others) over cable canopy. Amerlux recommends 30' max. (for 0-10V driver) and 15' max. (for Lutron drivers) between the fixture and the remote driver box. Consult factory with job specific electrical spec if more than 30' is required. Feeds are added as required by specified wattage and driver maximums.

See page 4 for wiring illustration.

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 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.

Drivers

0-10V - 1% electronic dimming, multi-volt (120V-277V) constant current driver (standard). Cap leads for non-dim applications.

Optional Drivers:

HILUME-A-DH - Lutron "A" Series, 1% dim, 3-wire (Dim Hot)

HILUME-A-ECO - Lutron "A" Series, 1% dim, EcoSystem

HILUME-A-LTE - Lutron "A" Series, 1% dim, 2-wire

HILUME-H-ECO - Lutron "H" Series, 1% dim, fade to off, EcoSystem

HILUME-5-ECO - Lutron "5" Series, EcoSystem

DALI - DALI Dimming 120V-277V, 0.1% dim

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

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" mechanism out of sight, on top of the Housing. 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.

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.

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

Mounting

LIN1.5D-REMOTE-A16....ASW10 - Direct pendant intended to be used when small size is needed. Housing is only 1.875" high, driver box is 15" long and can be located up to 30' from fixture, with a 0-10V driver, 15' for Lutron drivers. 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. 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

Certifications

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

Warranty

Amerlux's market leading 10 year limited warranty. Please consult Amerlux website for details.

Linea[®] 1.5" Direct Remote

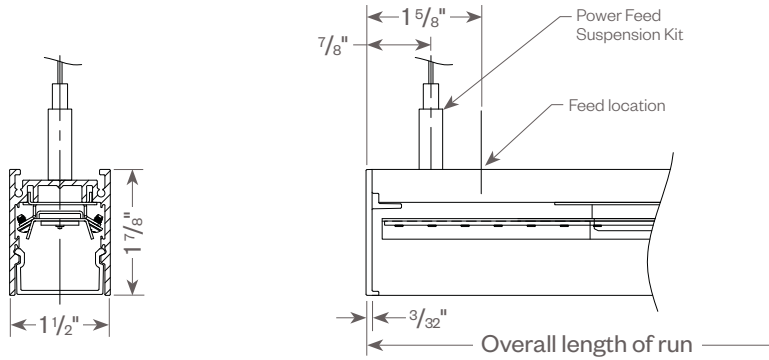
Linear Direct Remote Driver



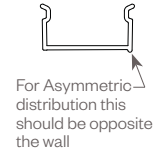
PROJECT:

TYPE:

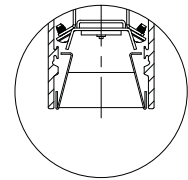
LINEA 1.5" DIRECT REMOTE



OPTIONAL LENS/LOUVER

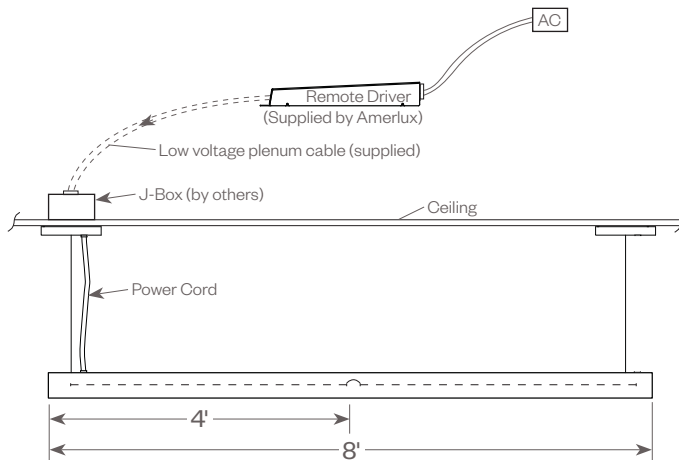


Optional Asymmetric Lens

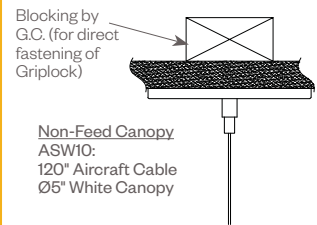


Optional Louver

5W/FT REMOTE



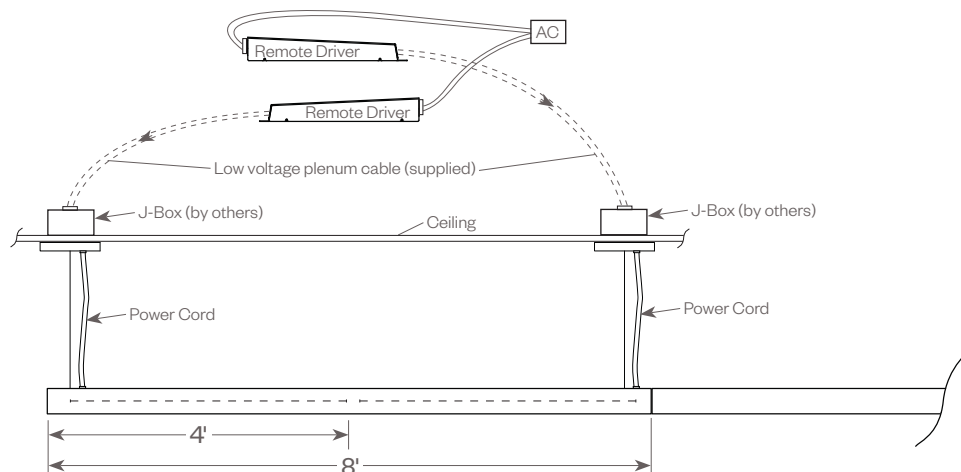
SUSPENSION DETAIL



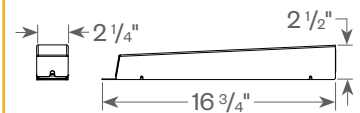
Power Feed Canopy
ASW10:
120" Aircraft Cable
10' White Cord 18/5
Ø5" White Canopy

10W/FT REMOTE

Note: Driver required for every 4'. Remote drivers can be installed up to 30' max from fixture.



REMOTE DRIVER BOX



Linea[®] 1.5" Direct Remote

Linear Direct Remote Driver

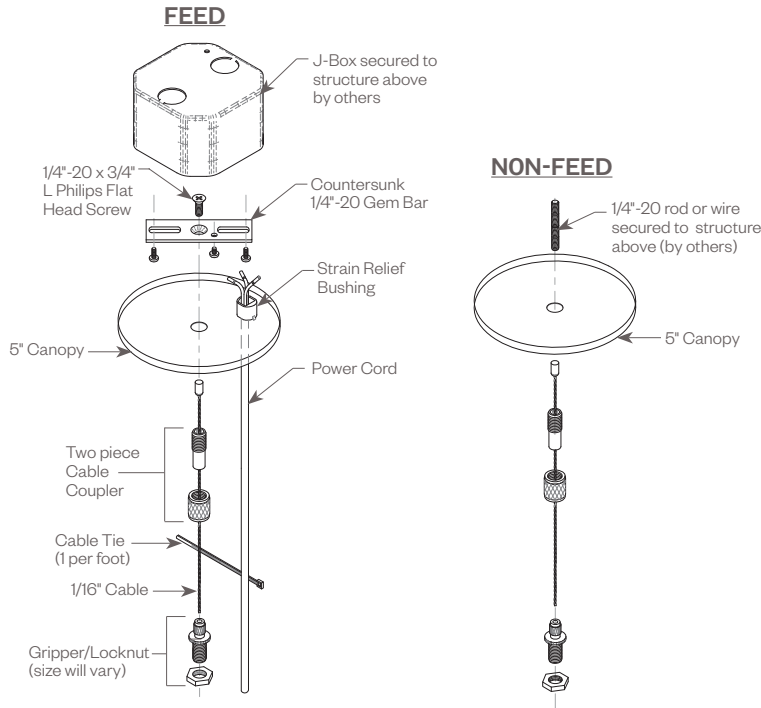


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TYPE:

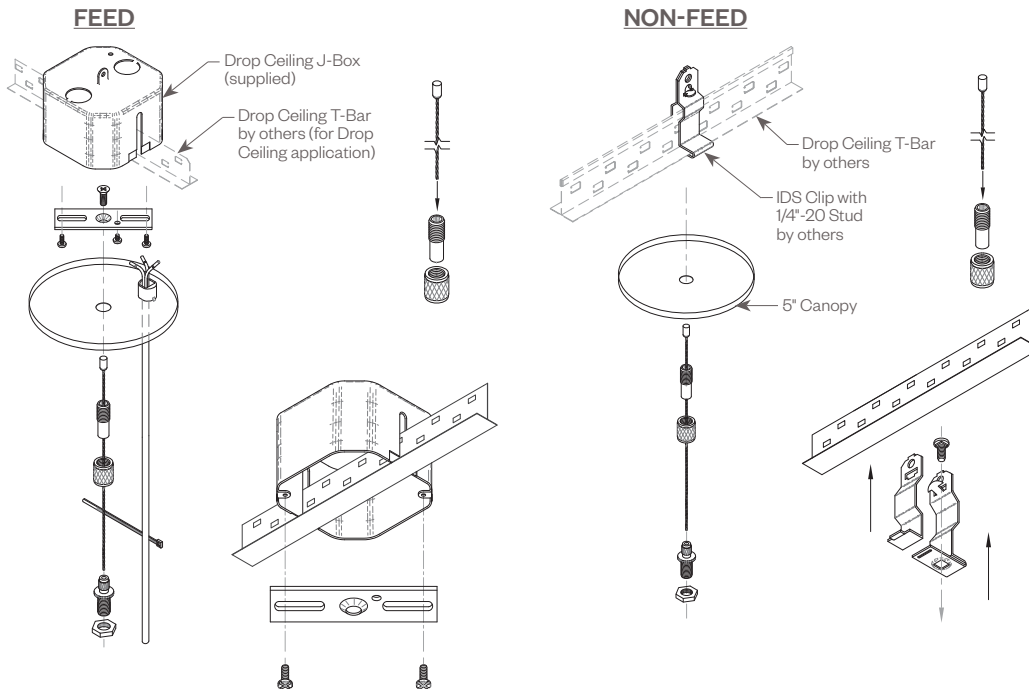
CABLE KIT SUSPENSION OPTIONS:

CEILING OR GYPSUM BOARD (ASW10, ASB10)



Cat#	Length	Cord/Canopy	Application
ASW10	10'	white/white	ceiling tile/gypsum
ASB10	10'	black/black	ceiling tile/gypsum
ASW10T	10'	white/white	ceiling tee
ASB10T	10'	black/black	ceiling tee

TEE GRID OR SCREW SLOT (ASW10T, ASB10T)



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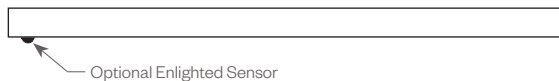
PROJECT:

TYPE:

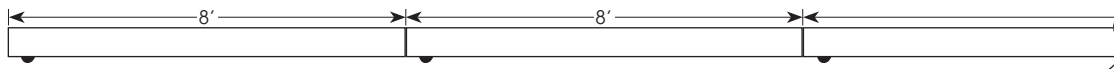
OPTIONAL ENLIGHTENED SENSOR:

Amerlux[®] and Enlighted have partnered to create building environments that are safer, and smarter, than ever before. At the heart of our partnership is Enlighted's Smart Sensor, the most advanced digital sensor available today. Integrated into Amerlux products, the sensor seamlessly collects and communicates dense data on building security, occupancy, performance, environmental conditions, ambient light levels, temperature, and energy consumption. This intelligence provides building managers with unprecedented guidance on cost savings and site-planning efficiencies. Enlighted Sensor (ENLF) is available with sensor ready DALI driver only. Select DALI driver under "Drivers".

4 FT OR 8 FT



RUNS



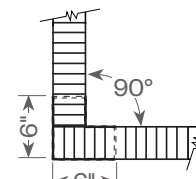
LINEA 1.5" PATTERNS:

Standard Patterns

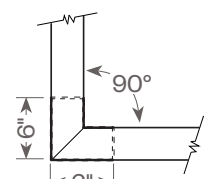
- All corners are standard 90°, standard length legs.
- Use standard lengths: 4' min to 8' in 1 foot increments.
- Continuous runs must be the same length in pairs for closed configuration.

Custom Patterns

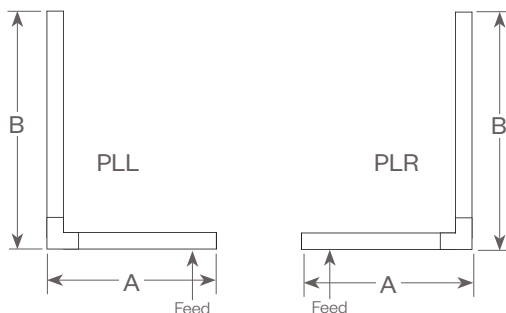
- Please provide drawings of your configuration.
- Made to Measure: +/- 1/8", consult factory.
- PC - custom pattern, please provide drawings and consult factory



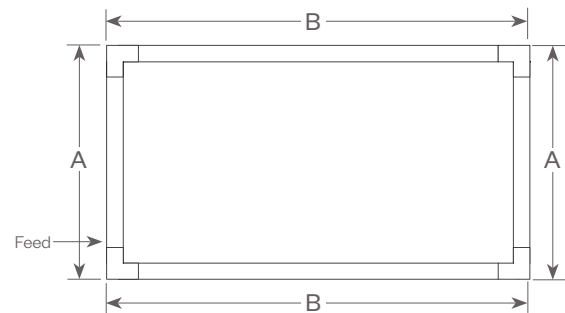
Linea 1.5 SLD
Butt Joint-Straight
Blade Louver



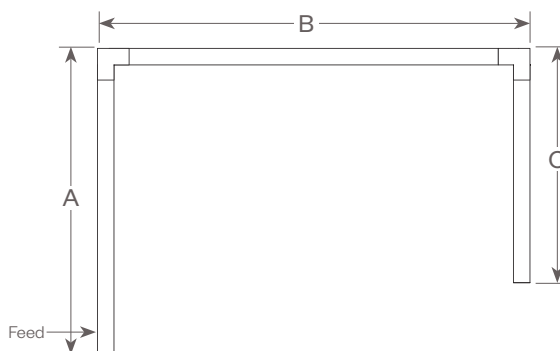
Linea 1.5 Lens
Mitered Lens



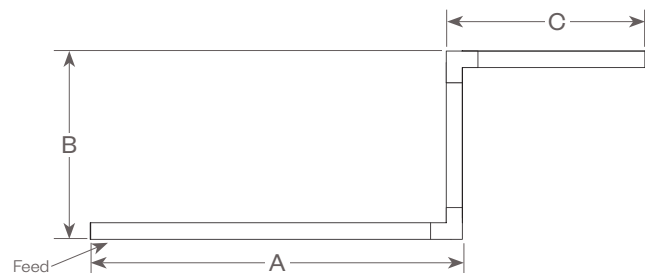
PLL - L Left, (2) straights + (1) 90° corner, leg right
PLR - L Right, (2) straights + (1) 90° corner, leg left
 Provide overall lengths: A' & B'
 Nomenclature: A-B-PLL A-B-PLR



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

Linea[®] 1.5" Direct Remote

Linear Direct Remote Driver



PROJECT:

TYPE:

FIXTURE DATA: (Complete photometric data (.ies format) available upon request)

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

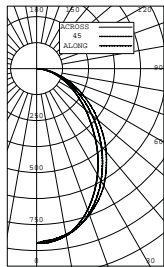
Wattage:	3W	4W	5W	6W	7W	8W	9W
Factor:	0.63	0.82	1.0	1.17	1.34	1.50	1.64

CCT:	2700K-83	3000K-83	3500K-83	4000K-83
Factor:	0.87	0.93	1.0	1.08

LINEA 1.5" PERFORMANCE LENS 5W 3500K 4FT

Total Watts: 21
Total Lumens: 1,840
Source: 96 White LED's

LTL# 695285



ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	614	33.36
0-40	958	52.08
0-60	1535	83.42
0-90	1840	100.00
40-90	882	47.92
60-90	305	16.58
90-180	0	0.00
0-180	1840	100.00

Efficacy = 87.6 Lumens /Watt

COEFFICIENTS OF UTILIZATION

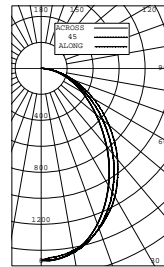
Effective Floor Cavity Reflectance 20%

RC	80			
RW	70	50	30	10
RCR				
0	1.19	1.19	1.19	1.19
1	1.10	1.06	1.03	0.99
2	1.02	0.95	0.89	0.8
3	0.94	0.85	0.78	0.72
4	0.88	0.77	0.69	0.64
5	0.81	0.70	0.62	0.56
6	0.75	0.63	0.55	0.49
7	0.69	0.57	0.49	0.44
8	0.65	0.52	0.44	0.39
9	0.60	0.48	0.40	0.35
10	0.56	0.44	0.36	0.31

LINEA 1.5" PERFORMANCE LENS 10W 3500K 4FT

Total Watts: 42
Total Lumens: 3,263
Source: 96 White LED's

LTL# 695286



ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	1082	33.16
0-40	1691	51.83
0-60	2716	83.25
0-90	3263	100.00
40-90	1572	48.17
60-90	547	16.75
90-180	0	0.00
0-180	3263	100.00

Efficacy = 78.4 Lumens /Watt

COEFFICIENTS OF UTILIZATION

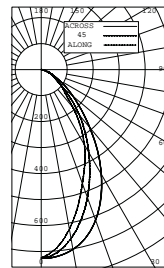
Effective Floor Cavity Reflectance 20%

RC	80			
RW	70	50	30	10
RCR				
0	1.19	1.19	1.19	1.19
1	1.10	1.06	1.03	0.99
2	1.02	0.95	0.89	0.84
3	0.94	0.85	0.78	0.72
4	0.87	0.77	0.69	0.63
5	0.81	0.70	0.61	0.55
6	0.75	0.63	0.55	0.49
7	0.69	0.57	0.49	0.43
8	0.65	0.52	0.44	0.39
9	0.60	0.48	0.40	0.34
10	0.56	0.44	0.36	0.31

LINEA 1.5" STRAIGHT BLADE LOUVER 5W 3500K 4FT

Total Watts: 21
Total Lumens: 909
Source: 96 White LED's

LTL# 695287



ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	443	48.71
0-40	633	69.58
0-60	842	92.63
0-90	909	100.00
40-90	277	30.42
60-90	67	7.37
90-180	0	0.00
0-180	909	100.00

Efficacy = 43.3 Lumens /Watt

COEFFICIENTS OF UTILIZATION

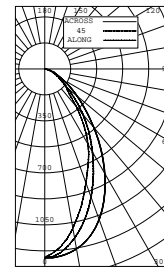
Effective Floor Cavity Reflectance 20%

RC	80			
RW	70	50	30	10
RCR				
0	1.19	1.19	1.19	1.19
1	1.12	1.09	1.06	1.04
2	1.06	1.00	0.96	0.92
3	0.99	0.92	0.87	0.82
4	0.94	0.85	0.79	0.74
5	0.88	0.79	0.72	0.67
6	0.83	0.73	0.66	0.62
7	0.78	0.68	0.61	0.56
8	0.74	0.63	0.56	0.52
9	0.69	0.58	0.52	0.47
10	0.65	0.54	0.48	0.43

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

Total Watts: 42
Total Lumens: 1,599
Source: 96 White LED's

LTL# 695288



ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	776	48.51
0-40	1109	69.33
0-60	1479	92.46
0-90	1599	100.00
40-90	491	30.67
60-90	121	7.54
90-180	0	0.00
0-180	1599	100.00

Efficacy = 38.4 Lumens /Watt

COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 20%

RC	80			
RW	70	50	30	10
RCR				
0	1.19	1.19	1.19	1.19
1	1.12	1.09	1.06	1.03
2	1.06	1.00	0.96	0.92
3	0.99	0.92	0.86	0.82
4	0.94	0.85	0.79	0.74
5	0.88	0.79	0.72	0.67
6	0.83	0.73	0.66	0.62
7	0.78	0.67	0.61	0.56
8	0.73	0.63	0.56	0.51
9	0.69	0.58	0.52	0.47
10	0.65	0.54	0.48	0.43

Linea[®] 1.5" Direct Remote

Linear Direct Remote Driver



PROJECT:

TYPE:

FIXTURE DATA: (Complete photometric data (.ies format) available upon request)

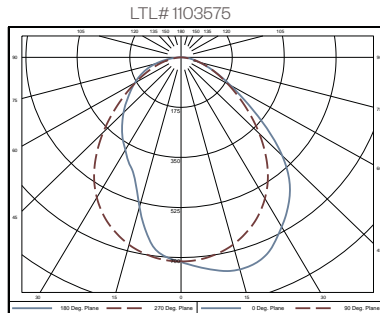
MULTIPLYING FACTORS: (Multiplying Factor is based on 3000K-83 120V IES file on website)

Wattage:	3W	4W	5W	6W	7W	8W	9W
Factor:	0.63	0.82	1.0	1.17	1.34	1.50	1.64

CCT:	2700K-83	3000K-83	3500K-83	4000K-83
Factor:	0.93	1.0	1.08	1.15

LINEA 1.5" ASYMMETRIC LENS 5W 3000K 4FT

Total Watts: 19
Total Lumens: 1,649
Source: 96 White LED's



ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-40	836	50.7
0-60	1376	83.4
0-90	1649	100.00
90-180	0	0.00

Efficacy = 85.4 Lumens /Watt

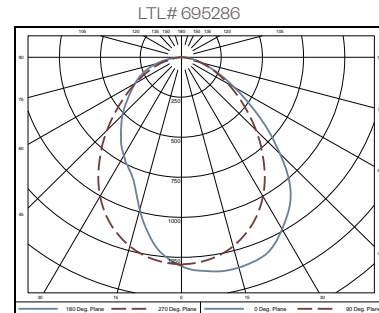
COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 20%

RC	80			
RW	70	50	30	10
RCR				
0	1963	1963	1963	1963
1	1807	1734	1668	1609
2	1654	1527	1421	1332
3	1517	1352	1225	1124
4	1395	1207	1069	964
5	1288	1085	943	839
6	1193	982	840	739
7	1109	894	755	658
8	1035	819	684	591
9	969	754	623	535
10	910	698	571	487

LINEA 1.5" ASYMMETRIC LENS 10W 3000K 4FT

Total Watts: 39
Total Lumens: 3,002
Source: 96 White LED's



ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-40	1508	50.2
0-60	2494	83.1
0-90	3002	100.00
90-180	0	0.00

Efficacy = 77.5 Lumens /Watt

COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 20%

RC	80			
RW	70	50	30	10
RCR				
0	3574	3574	3574	3574
1	3287	3153	3033	2925
2	3008	2774	2581	2419
3	2756	2456	2223	2038
4	2534	2190	1939	1746
5	2339	1968	1709	1518
6	2166	1780	1522	1336
7	2013	1621	1367	1188
8	1878	1484	1237	1067
9	1758	1366	1127	965
10	1651	1264	1033	879

Linea[®] 1.5" Direct Remote

Linear Direct Remote Driver



PROJECT:

TYPE:

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.

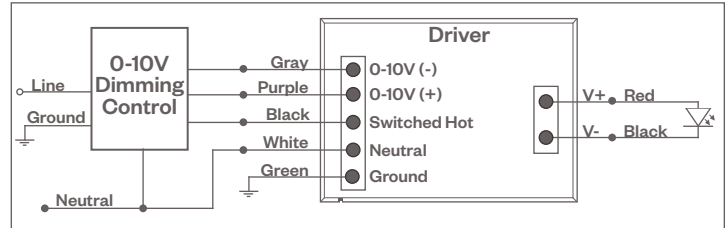
0-10V - DIMMING (Standard)

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" - DVTV with PP-120H Interface

Leviton Renoir II 0-10v

Central System

Lutron Grafik Eye with GRX-TV1 Interface

LUTRON HI-LUME DIMMING

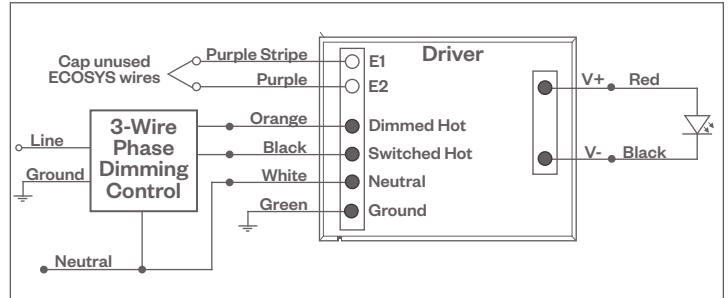
Integrates into Lutron EcoSystem building management

Notes:

- 120V or 277V
- Dims down to less than 5% light output
- May use 3-Wire or EcoSystem Control
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!

HILUME-A-DH

3-Wire Wiring Diagram



Compatible Dimmers

Wall Box (3-Wire Fluorescent)

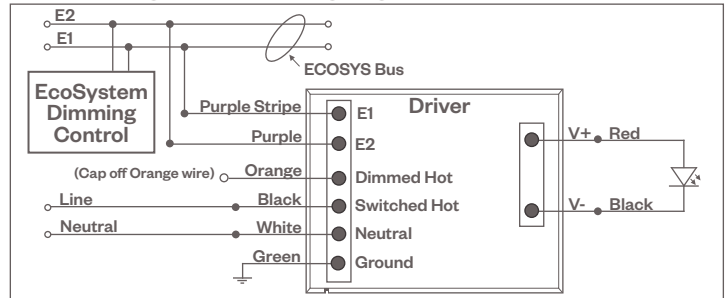
DIVA
Maestro
Nova T
Vareo

Central System

Lutron EcoSystem compatible controls

HILUME-A-ECO, HILUME-H-ECO, HILUME-5-ECO

EcoSystem Digital Control Wiring Diagram



Linea[®] 1.5" Direct Remote

Linear Direct Remote Driver



PROJECT:

TYPE:

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.

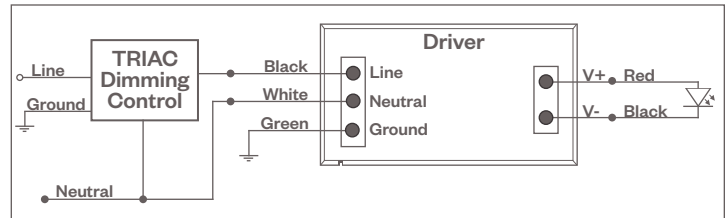
LUTRON HILUME-A-LTE DIMMING

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

Notes:

- 120V or 277V
- Dims down to less than 1% light output (most cases)
- Consult Dimming manufacturer for installation instructions - DO NOT SHARE NEUTRALS!
- Must meet dimmer Minimum Load Requirements per dimming manufacturer

Lutron HILUME-A-LTE Wiring Diagram



Compatible Dimmers

Wall Box (Incandescent Style, Wattage as required)

Lutron "Diva"	Lutron "Vareo"
Lutron "Nova-T"	Lutron "Skylark"
Lutron "Maestro"	

Central System

ETC "SR" Rack w/D20 Module	Lutron Grafik Eye QS
Lutron "GP" Panel	
ETC "DRD" Rack w/D20 Module	

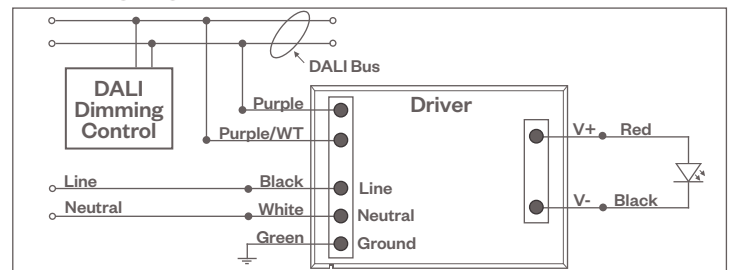
DALI - DALI DIMMING 120V-277V

Digital control protocol allows individual fixture control

Notes:

- 120V - 277V
- Dims down to 0.1% light output in most cases

DALI Wiring Diagram



Compatible Dimmers

Wall Box (3-Wire Fluorescent)

Leviton CD250 Controller

Central System

Dynalite
Fifth Light