

Linea® 1.5" Mini

Linear Direct/Indirect, Remote Driver

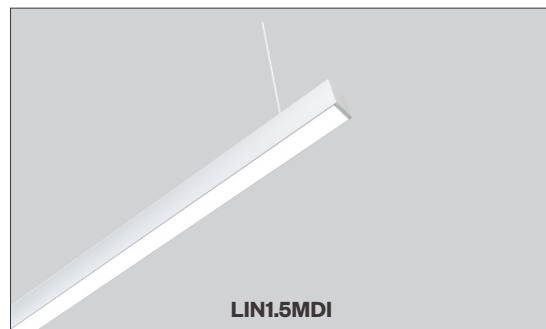


PROJECT:

TYPE:

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, Direct/Indirect, Remote Driver |
| Wattage: | 5W/ft, 10W/ft (other wattages available see p2) |
| Color Temp: | 2700K, 3000K, 3500K, 4000K |
| CRI: | 83 or 90+ typ. |
| Dimming (wired): | 0-10V, 1% dimming (standard) Lutron LDE1 Hi-lume® 1% Dim Soft-On/Fade-to-Black DALI dimming, 1% dim |
| Dimming (wireless): | Enlighted Sensor Lutron Athena (integral wireless RF node) |

Certifications



Fixture Summary

Performance Data

| Nominal Wattage/Foot | Delivered Lumens | | | | | |
|-------------------------|------------------|----------|-------|-------|------------|-----|
| | Direct | Indirect | Total | LPW | Color 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-83 120V IES files available on website.

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

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.

Electrical Data

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

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

Standard Patterns

| | | | | | | |
|-----|-----|-----|-----|-----|-----------------|---------|
| | | | | | Wall to Ceiling | Custom* |
| Yes | Yes | Yes | Yes | Yes | No | Yes |

*Submit drawing, consult factory.

Linea® 1.5" Mini

Linear Direct/Indirect, Remote Driver



PROJECT:

TYPE:

Ordering Information

LIN1.5MDI-A17

120/277

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | |
|---|---|--|---|--|---|---|---|--|----|----|--|
| 1 Model | | 2 Optics <i>(select 1 from each list)</i> | | 3 Mounting | | 4 Circuiting | | | | | |
| LIN1.5MDI-A17* <i>(Mini Direct/Indirect, remote driver)</i> | | PL performance lens <i>(standard)</i> SLDW straight blade louver, white aluminum, solid blades w/overlay SLDB straight blade louver, black, solid blades w/overlay SLDS straight blade louver, silver, solid blades w/overlay ASY asymmetric lens DRP1 1" drop lens <u>Indirect</u> BAT batwing uplight <i>(standard)</i> UC upper clear lens cover | | Pendant Mount <i>(mini cable suspension)</i> MASW10 through ceiling tile or gyp board, white, 10' MASW10SF through ceiling tile or gyp board, silver foil cord, white canopy, 10' MASB10 through ceiling tile or gyp board, black, 10' MASB10SF through ceiling tile or gyp board, silver foil cord, black canopy, 10' MASW10T over ceiling tee, white, 10' MASW10SFT over ceiling tee, silver foil cord, white canopy, 10' MASB10T over ceiling tee, black, 10' MASB10SFT over ceiling tee, silver foil cord, black canopy, 10' | | 1 single circuit 2 up/down switch separately | | | | | |
| 5 Wattage <i>(per foot, D/I)</i> | | 6 Color Temp | | 7 Finish | | 8 Voltage | | 9 Length | | | |
| 5/5 10/10 5/10 10/5 <i>Consult factory for other wattage options.</i> <i>Note: 3' units must use same wattage for D/I components.</i> | | 83 CRI 27 2700K-83 30 3000K-83 35 3500K-83 40 4000K-83 90+ CRI 279 2700K-90+ 309 3000K-90+ 359 3500K-90+ 409 4000K-90+ | | HW high reflectance matte white BT black texture ST silver texture <i>For other RAL color, consult factory</i> | | 120/277 | | X X Length A Length B Length C - all patterns - all patterns - PU - IND - PR <i>(2 lengths of 2)</i> - PZ - CON - CUS | | | |
| 10 Configuration | | 11 Drivers/Controls | | | | | | | | | |
| 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 supplied field dimensions <u>Standard Patterns</u> <i>(see pg 6 for details)</i> 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>For custom patterns, submit an EDR on amerlux.com</i> | | Wired 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 <u>Wireless</u> ENLS-SR Enlighted sensor, energy metering ENLS-O10 Enlighted sensor with controller unit AWN-R-WH-SR Lutron Athena wireless node, RF only, white, D4i/DALI-2 AWN-R-BL-SR Lutron Athena wireless node, RF only, black, D4i/DALI-2 AWN-R-WH-O10 Lutron Athena wireless node, RF only, white, 0-10V AWN-R-BL-O10 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 | | | | | | | | | |

[†] 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.

Linea® 1.5" Mini

Linear Direct/Indirect, Remote Driver



PROJECT:

TYPE:

Specifications

Application

Private offices, 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 is (1.5" wide X 2.125" high). Die-cast End Caps match fixture body finish. Painted 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'. 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.

Direct:

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.

LED

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

Color Temperature Options: 2700K, 3000K, 3500K, 4000K

CRI: 83 typical, 90+ typical

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 18/2 SJT power cord ready to be connected to J-Box (*by others*) over cable canopy. Amerlux recommends a maximum of 15' between the fixture and the remote driver box. Consult factory with job specific electrical spec if more than 25' is required. Feeds are added as required by specified wattage and driver maximums.

See page 4 for wiring illustration

Circuiting:

1 - 1 Circuit, direct & indirect same circuit

2 - 2 Circuits, direct & indirect switch separately. Low voltage power feeds 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 minimum length of 4'*). For other wattages consult factory.

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.

Emergency circuit via remote inverter or auxiliary emergency power supply (by others).

Finish

All painted surfaces are premium powder coated baked on for maximum durability and color stability.

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.

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 Run (*BoR*) fitted with an End Cap. The body of the runs is made up of as many 8' Middle of Run (*MoR*) lengths as required. End of Run (*EoR*) units are either made up of a 2' to 8' units to the nearest whole foot or a combination of a last 4' MoR and a 5', 6' or 7' EoR. Factory installed pins and splines make fixture alignment easy. 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 $\pm 1/8"$.

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.

See page 6 for layouts

For custom patterns, submit EDR on amerlux.com

Mounting

LN1.5MDI-A176...MASW10 - Mini Indirect Direct pendant is only 1.5" wide X 2.125" high. The remote driver box is 19 3/4" long and can be located up to 15' from fixture with a 0-10V driver or Lutron drivers. 15' of low voltage plenum rated cable supplied (*10' off fixture/5' off box*). (*see page 4*)

Mini Cable Suspension:

Thinner cable, smaller gripper and cable coupler are all scaled down to match the reduced size of the LN1.5 Mini series. 5" diameter by 0.25" canopy is used for both feed and non-feed Mini Cable Kits. Low Voltage power feeds are 22 gauge 2 conductor SJT cords supplied in same color as canopy or with optional silver foil clear jacketed cords. 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.

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.

Linea® 1.5" Mini

Linear Direct/Indirect, Remote Driver

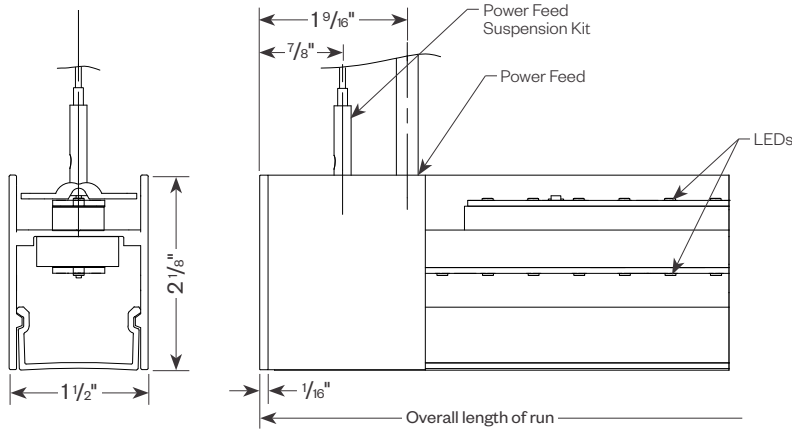


PROJECT:

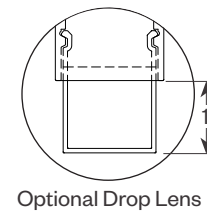
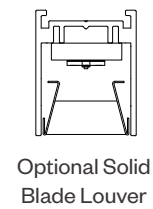
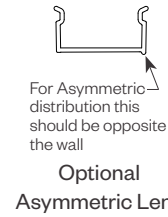
TYPE:

Product Details

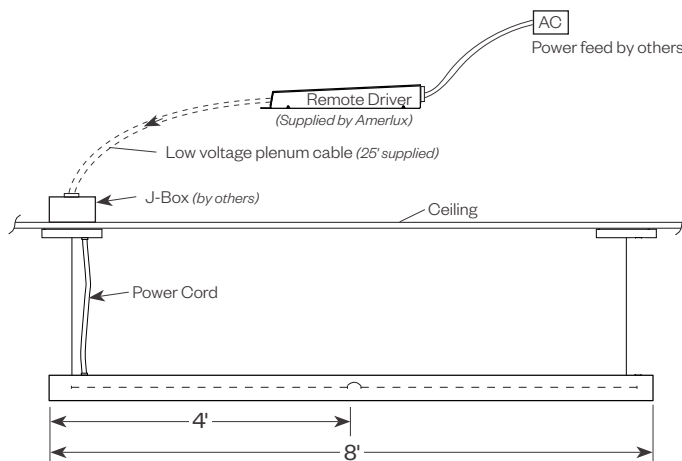
Pendant



Optional Louver/Drop Lens

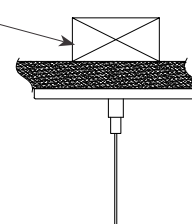


Remote Driver - 5W/Ft

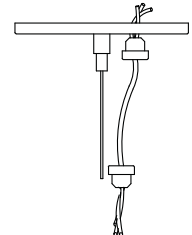


Suspension Detail

Blocking by G.C. (for direct fastening of Griplock)

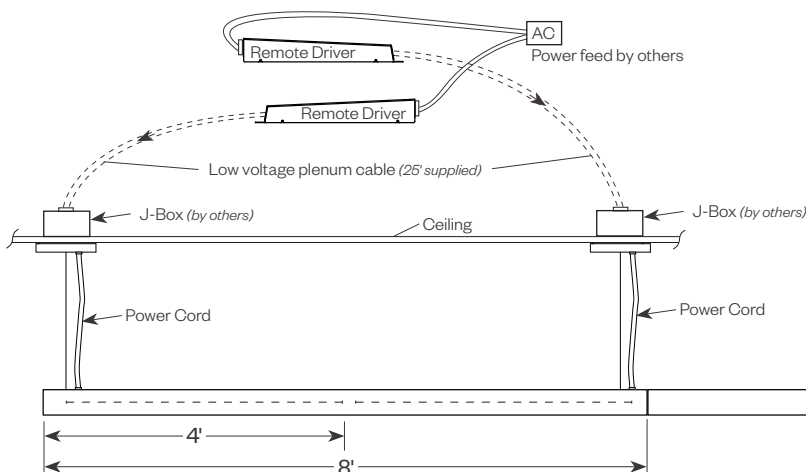


Non-Food Canopy
ASW10:
120" Aircraft Cable
Ø5" White Canopy

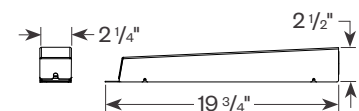


Power Feed Canopy
ASW10:
120" Aircraft Cable
10' White Cord 16/3
Ø5" White Canopy

Remote Driver - 10W/Ft



Remote Driver Box



Linea® 1.5" Mini

Linear Direct/Indirect, Remote Driver



PROJECT:

TYPE:

Cable Kit Suspension - Ceiling or Gypsum Board (MASW10, MASW10SF, MASB10, MASB10SF)

FEED

NON-FEED

| Cat# | Length | Cord/Canopy | Application |
|-----------|--------|-------------------|---------------------|
| MASW10 | 10' | white/white | ceiling tile/gypsum |
| MASW10SF | 10' | silver foil/white | ceiling tile/gypsum |
| MASB10 | 10' | black/black | ceiling tile/gypsum |
| MASB10SF | 10' | silver foil/black | ceiling tile/gypsum |
| MASW10T | 10' | white/white | ceiling tee |
| MASW10SFT | 10' | silver foil/white | ceiling tee |
| MASB10T | 10' | black/black | ceiling tee |
| MASB10SFT | 10' | silver foil/black | ceiling tee |

Tee Grid or Screw Slot (MASW10T, MASW10SFT, MASB10T, MASB10SFT)

FEED

NON-FEED

Linea® 1.5" Mini

Linear Direct/Indirect, Remote Driver



PROJECT:

TYPE:

Linea 1.5" Mini Patterns

Standard Patterns

All corners are standard 90°, standard length legs.

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

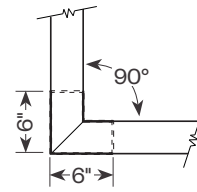
Continuous runs must be the same length in pairs for closed configuration.

Custom Patterns

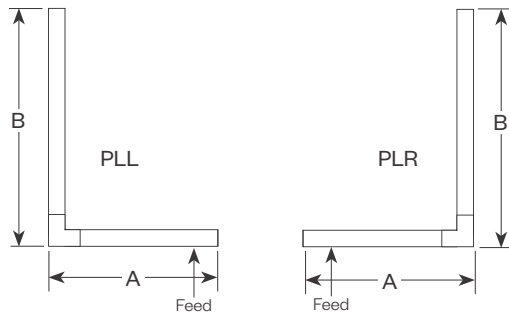
Please provide drawings of your configuration.

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

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



Linea 1.5 Mini Lens
Mitered Lens

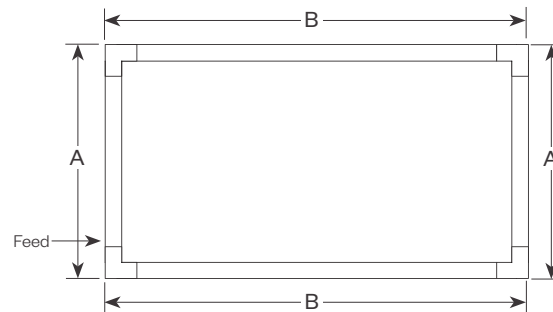


PLL - L Left, (2) straights + (1) 90° corner, leg right

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

Provide overall lengths: A' & B'

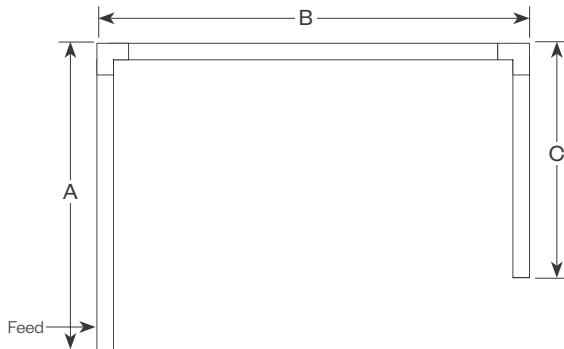
Nomenclature: A-B-PLL A-B-PLR



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

Provide overall lengths: A' & B'

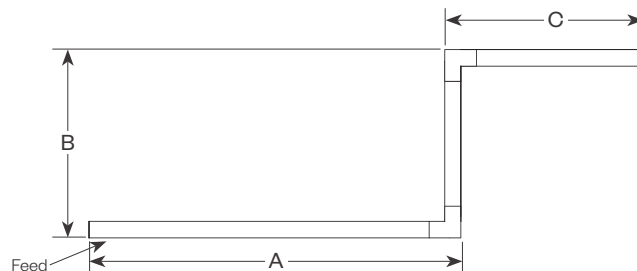
Nomenclature: A-B-PR



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" Mini

Linear Direct/Indirect, Remote Driver



PROJECT:

TYPE:

Performance Data

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

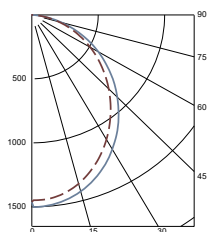
| Wattage: | 3W | 4W | 5W | 6W | 7W | 8W | 9W | 10W |
|----------|------|------|------|------|------|------|------|-----|
| Factor: | 0.31 | 0.42 | 0.53 | 0.63 | 0.72 | 0.81 | 0.90 | 1.0 |

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

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 | 100.00 |
| 90-180 | 0 | 0.00 |

Efficacy = 101.1 Lumens/Watt

COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 20%

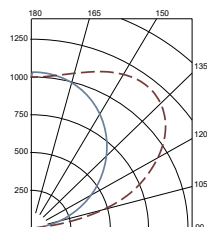
| RC | 80 | | | |
|-----|-----|-----|-----|-----|
| RW | 70 | 50 | 30 | 10 |
| ROR | | | | |
| 0 | 119 | 119 | 119 | 119 |
| 1 | 109 | 105 | 100 | 97 |
| 2 | 100 | 92 | 85 | 79 |
| 3 | 91 | 81 | 73 | 66 |
| 4 | 83 | 72 | 63 | 57 |
| 5 | 77 | 64 | 55 | 49 |
| 6 | 71 | 58 | 49 | 43 |
| 7 | 66 | 53 | 44 | 38 |
| 8 | 62 | 48 | 40 | 34 |
| 9 | 58 | 44 | 36 | 31 |
| 10 | 54 | 41 | 33 | 28 |

Note: Values are expressed as percent 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 = 116.9 Lumens/Watt

COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 20%

| RC | 80 | | | |
|-----|----|----|----|----|
| RW | 70 | 50 | 30 | 10 |
| ROR | | | | |
| 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 are expressed as percent of total lumen output delivered to the task surface.



Linea® 1.5" Mini

Linear Direct/Indirect, Remote Driver



PROJECT:

TYPE:

Performance Data

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

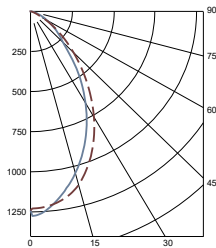
| Wattage: | 3W | 4W | 5W | 6W | 7W | 8W | 9W | 10W |
|----------|------|------|------|------|------|------|------|-----|
| Factor: | 0.31 | 0.42 | 0.53 | 0.63 | 0.72 | 0.81 | 0.90 | 1.0 |

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

| Louver | | |
|---------|-----|------|
| 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 | 100.00 |
| 90-180 | 0 | 0.00 |

Efficacy = 43.5 lumens/Watt

COEFFICIENTS OF UTILIZATION

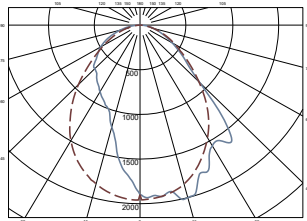
Effective Floor Cavity Reflectance 20%

| RC | 80 | | | |
|-----|-----|-----|-----|-----|
| 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 |

Note: Values are expressed as percent 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 | 100.00 |
| 90-180 | 0 | 0.00 |

Efficacy = 110.8 Lumens /Watt

COEFFICIENTS OF UTILIZATION

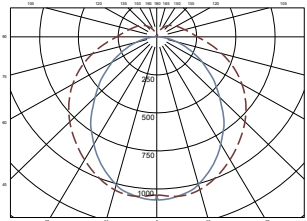
Effective Floor Cavity Reflectance 20%

| RC | 80 | | | |
|-----|-----|-----|-----|-----|
| 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 are expressed as percent 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 = 109.9 Lumens /Watt

COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 20%

| RC | 80 | | | |
|-----|-----|-----|-----|-----|
| 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 are expressed as percent of total lumen output delivered to the task surface.

Linea® 1.5" Mini

Linear Direct/Indirect, Remote Driver



PROJECT:

TYPE:

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 ---

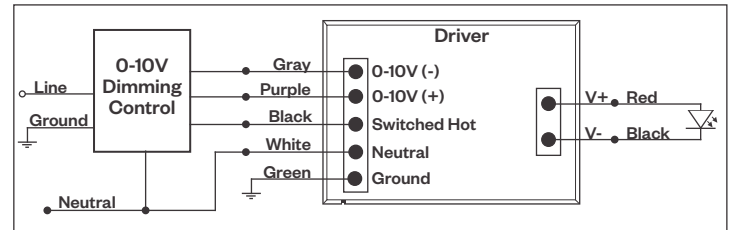
0-10V - DIMMING (Standard)

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 Grafik 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

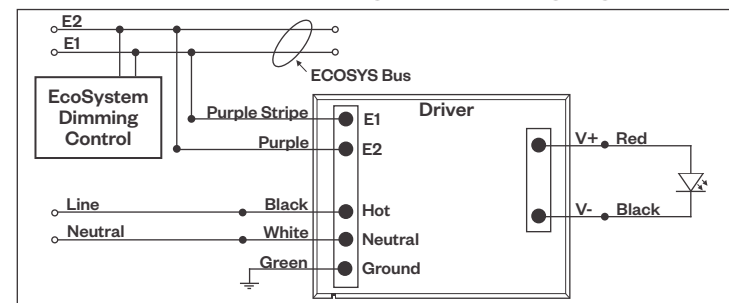
Notes:

- 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 |
| Energj Savr Node | |
| Grafik Eye QS/Homeworks | |
| QS Control Unit | |
| Quantum Hub | |
| Homeworks QS/My Room | |

LDE1 (HILUME-H-ECO) EcoSystem Digital Control Wiring Diagram



DALI - DALI DIMMING 120V-277V

Digital control protocol allows individual fixture control

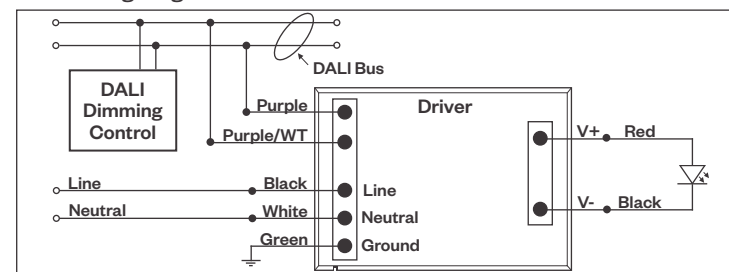
Notes:

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

Compatible Dimmers*:

| Wall Box | Central System |
|--------------------------|----------------|
| Leviton OD250 Controller | Dynalite |
| | Fifth Light |

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.