

LINEA® 3.5" DIRECT

LINEAR LED

APPLICATIONS:

Commercial and retail direct ambient lighting

CONSTRUCTION:

One piece extruded aluminum housing
Internal components are die-formed galvanized and cold-rolled steel
Individual housing lengths are 48 1/2" or 96 1/2"
Consult factory for custom runs
High reflectance white finish. For other finishes, consult factory

OPTICS:

5w/ft or 10w/ft
Extruded white acrylic lens, snap-in, 8' maximum section
Amerlux® exclusive white acrylic lens provides excellent transmission while effectively concealing lamp image
Straight blade louver (optional), 1/2" high, 1/2" o.c., with overlay.

ELECTRICAL:

Electronic, multi-volt (120v-277v) constant current driver
0-10v dimming standard

This product complies with IEEE C62.41 for surge endurance up to 3KV. Amerlux® recommends using additional surge protection with this unit (supplied by others), surge damage is not covered by warranty.

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

MOUNTING:

Aircraft cable suspension
Surface mount or wall mount options available
Fixtures may be continuously row-mounted, consult factory

LABELING:



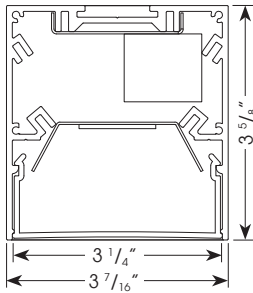
For indoor use only

LS35D
LED

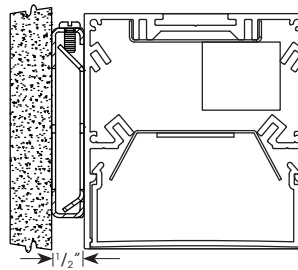


PROJECT:

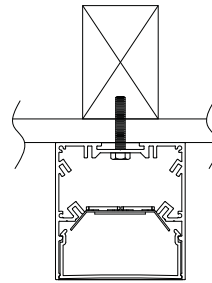
TYPE:



WALL MOUNT OPTION:



SURFACE MOUNT OPTION:



ELECTRICAL

Driver	Wattage per foot	Lamping					
		4'		8'			
		System watts	Amps	System watts	Amps		
Electronic	5	120v	21.7	0.18	43.8	0.36	
		277v	24.1	0.10	44.6	0.16	
	10	120v	47.3	0.39	94.6	0.78	
		277v	47.6	0.18	95.2	0.36	



(see next page for details)



Enlighted Sensor (optional)

10 year limited warranty
AMERLUX LED

(see website for details)

ORDERING INFORMATION:

Model	Light Distr./ Shielding	Mounting	Wattage Per Foot	Lamp Type	Color Temp	Finish	Length	Voltage	Configuration	Options
LS35D	LD - lens direct SLD - straight blade louver direct with overlay	ASW10 - aircraft cable with straight feed, white, 10' SM - surface mount WM - wall mount	5 10	LED	2700 3000 3500 4000	HW - high reflectance white ____ - _____ (other RAL)	4 8 ____ (other to nearest ft)	120/277	IND - individual BOR - beginning of run MOR - middle of run EOR - end of run	HILUME-DH - Lutron Hi-lume® 3 wire, 1% dim HILUME-ECO - Lutron Hi-lume® EcoSystem, 1% dim ENLS - Enlighted Sensor

Example: LS35D-LD-ASW10-5-LED-3500-HW-4-120/277-IND

Cat #:

Amerlux® reserves the right to change details that do not affect overall function and performance.

QUICKSHIP LINEA[®] SQUARE 3.5" DIRECT

LINEAR LED

LS35D
LED

Amerlux[®] QuickShip makes it possible not only to keep up with expectations, but to keep ahead of them. We help enhance your competitive edge, ensuring you can start installation more quickly than you thought possible.

We can ship within 5-10 business days of your Amerlux QuickShip order, depending upon the selection.

- **QuickShip must be clearly marked on all P.O.'s.**
- **Must note on P.O. if requesting frames ship first.**
- **Standard shipping terms apply.**
- **See terms & conditions below.**

Quantity: 50 pieces or less
10 days



PROJECT:

TYPE:

QUICKSHIP ORDERING INFORMATION:

Model	Light Distribution/Shielding	Mounting	Wattage per Foot	Lamp Type	Color Temp	Finish	Length	Voltage	Configuration	Options
LS35D	LD - lens direct	ASW10 - aircraft cable SM - surface mount	5 10	LED	3000 3500	HW - high reflectance white	4 - 4'	120 277	IND - individual	N/A

Complete **QuickShip** Example: LS35D-LD-ASW10-5-LED-3000-HW-4-120-IND

Cat #:

Terms & Conditions

1. For QuickShip processing, please submit QuickShip items on separate purchase order and indicate "QuickShip" on order.
2. Configurations outside of what is displayed on the QuickShip program are not available under the QuickShip lead times.
3. Please contact Customer Support to process orders with quantities larger than those listed.
4. Orders will be entered within 24 hours of receipt of a clean purchase order. Lead times are calculated by business days from time of sales order confirmation. Orders will ship within QuickShip lead times or sooner.
5. Change orders and order cancellations cannot be processed after sales order confirmation is generated.
6. For freight allowed (greater than \$3,000), order will ship complete based on longest lead time item. Please indicate on PO if Partial Shipments are approved and indicate freight method. For partial shipments under \$3,000, customer will be invoiced for freight.
7. All Lead times indicate when the fixture ships from Amerlux[®]. Arrival at destination is contingent upon carrier.

Expedite your orders by providing:

- **Separate purchase order noting "QuickShip Program"**
- **Complete and accurate configurations**
- **Accurate pricing, quote number, shipping and contact information**

Amerlux reserves the right to modify this program at any time.

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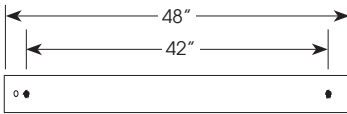
LS35D
LED



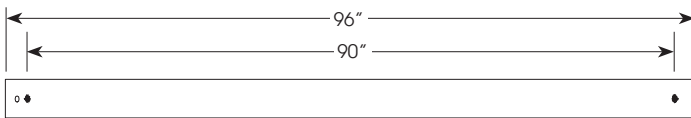
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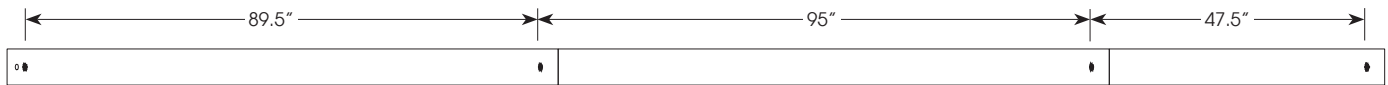
SUSPENSION POINTS:



Nominal 4'



Nominal 8'



Continuous Rows

SURFACE MOUNT OPTION:

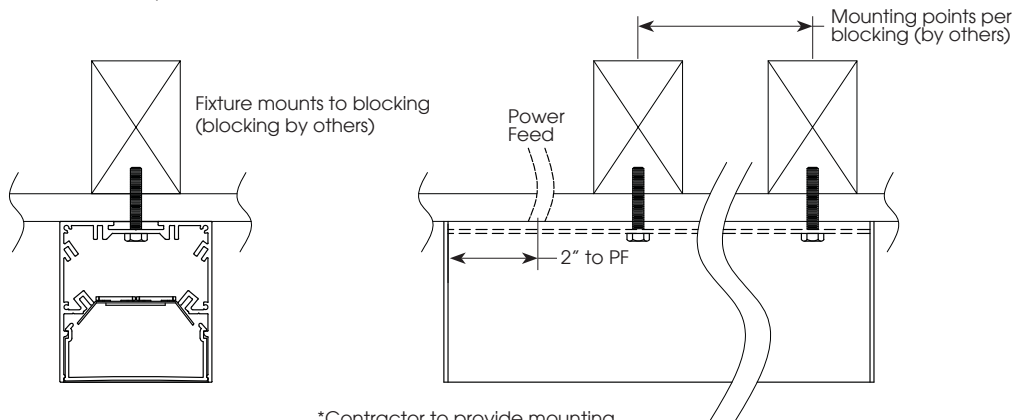
For Surface Mount Condition:

Remove LED tray, disconnect tray from driver

Secure fixture to structure

Connect LED tray to the driver

Re-install LED tray in same order



*Contractor to provide mounting locations per architectural condition. Recommended: (2) points per 4' section & (3) points per 8' section.

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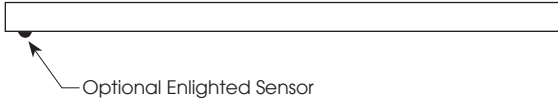


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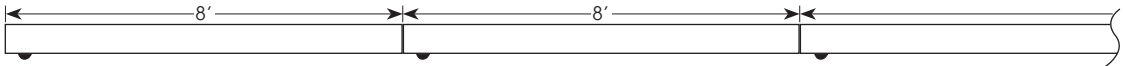


STANDARD PLACEMENT(S) FOR (OPTIONAL) ENLIGHTENED SENSOR:

4 FT OR 8 FT DIRECT



RUNS



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TYPE:

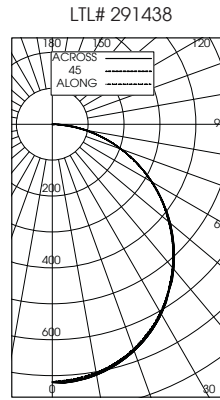
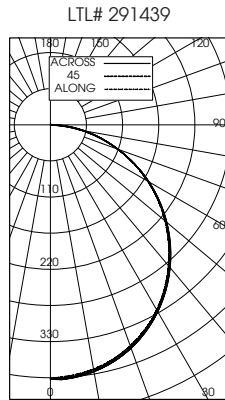


FIXTURE DATA:

Complete photometric data (ies format) available upon request.

LS35 DIRECT 5W/FT LED 4' IND 3500K
Source: 120 white LEDs Lumens: 1115 total
Pendant

LS35 DIRECT 10W/FT LED 4' IND 3500K
Source: 120 white LEDs Lumens: 2072 total
Pendant



ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	299	N/A	26.86
0-40	489	N/A	43.90
0-60	865	N/A	77.63
0-90	1115	N/A	100.0
90-180	0	N/A	0.0
0-180	1115	N/A	100.0

Total Luminaire Efficiency = 52.8 Lumens/Watt

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-30	556	N/A	26.85
0-40	909	N/A	43.88
0-60	1607	N/A	77.57
0-90	2072	N/A	100.0
90-180	0	N/A	0.0
0-180	2072	N/A	100.0

Total Luminaire Efficiency = 48.2 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	1.09	1.05	1.00	0.97
2	1.00	0.92	0.86	0.80
3	0.91	0.81	0.73	0.67
4	0.84	0.73	0.64	0.58
5	0.77	0.65	0.56	0.50
6	0.71	0.58	0.50	0.43
7	0.65	0.52	0.44	0.38
8	0.61	0.47	0.39	0.33
9	0.56	0.43	0.35	0.29
10	0.52	0.39	0.31	0.26

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	1.09	1.05	1.00	0.97
2	1.00	0.92	0.86	0.80
3	0.91	0.81	0.73	0.67
4	0.84	0.73	0.64	0.58
5	0.77	0.65	0.56	0.50
6	0.71	0.58	0.49	0.43
7	0.65	0.52	0.44	0.38
8	0.61	0.47	0.39	0.33
9	0.56	0.43	0.35	0.29
10	0.52	0.39	0.31	0.26