

LINEA® 3.5" DIRECT/INDIRECT

LED LINEAR

APPLICATIONS:

Commercial and retail direct/indirect 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"
Continuous rows can be provided to the nearest foot
High reflectance white finish. For other finishes, consult factory

MOUNTING:

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

LABELING:



For indoor use only

OPTICS:

5w/ft or 10w/ft for direct component
5w/ft or 10w/ft for uplight component
Die-formed high reflectance white enamel reflector
Lens: 100% extruded acrylic lens with custom formulation for lamp image diffusion and maximum light transmission. Flush mount snap-in installation. Clear lens cover for uplight
Louver (optional):
Straight blade louver, 1/2" high, 1/2" o.c., with overlay.

ELECTRICAL:

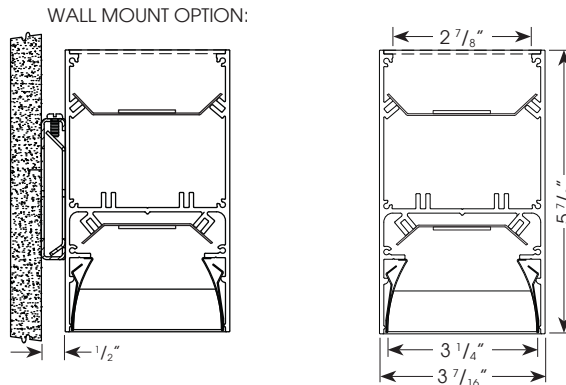
Electronic, multi-volt (120v-277v) constant current driver
0-10v dimming standard
This product complies with IEEE C62.41 for surge endurance up to 3KV. Amerlux® recommends using additional surge protection with this unit (supplied by others), surge damage is not covered by warranty.
Emergency circuit via remote inverter or auxiliary emergency power supply (by others)

LS35DI
LED



PROJECT:

TYPE:



ELECTRICAL

Electronic driver

Wattage per foot		4'		8'	
		System watts	Amps	System watts	Amps
5/5	120v	43.8	0.36	87.6	0.72
	277v	44.6	0.16	89.2	0.32
5/10	120v	69.0	0.57	138	1.14
	277v	71.7	0.28	143.4	0.56
10/10	120v	94.6	0.78	189.2	1.56
	277v	95.2	0.36	190.4	0.72



10 year limited warranty
AMERLUX LED

(see website for details)

ORDERING INFORMATION:

Model	Light Distr./Shielding (select 1 from each list)	Mounting	Circuiting	Wattage (Direct/Indirect)	Lamp Type	Color	Finish	Length	Voltage	Configuration	Options
LS35DI	DIRECT: LD - lens direct SLD - straight blade louver direct with overlay INDIRECT: UC - up with clear cover	ASW10 - aircraft cable with straight feed, white, 10" WM - wall mount	1 - single circuit 2 - up/dn switch separately	5/5 10/10 5/10 10/5	LED	2700 3000 3500 4000	HW - high reflectance white _____ (other RAL)	4 8 _____ (run to nearest foot)	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: LS35DI-UC-ASW10-2-10/10-LED-3500-HW-4-120/277-IND

Cat #:

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

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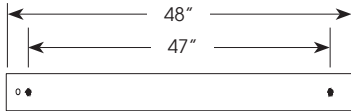
LS35DI
LED



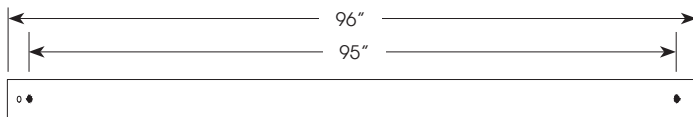
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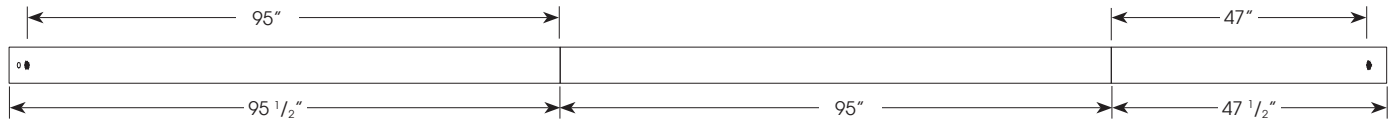
SUSPENSION POINTS:



Nominal 4'



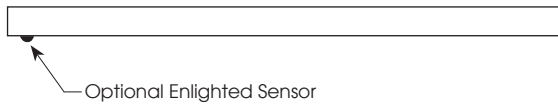
Nominal 8'



Continuous Rows

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

4 FT OR 8 FT DIRECT/INDIRECT, 1 CIRCUIT

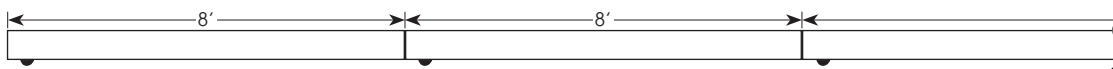


Optional Enlighted Sensor

4 FT OR 8 FT DIRECT/INDIRECT, 2 CIRCUIT



RUNS



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LS35DI
LED



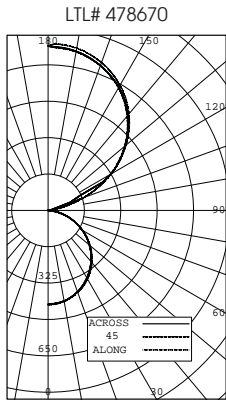
TYPE:



FIXTURE DATA:

Complete photometric data (ies format) available upon request.

LS35 DIRECT/INDIRECT 5W/5W (per foot) LED 4' IND 3500K
 Source: 234 white LEDs Lumens: 3129 lm
 Pendant



ZONAL LUMEN SUMMARY

Zone	Lumens	%Fixt
0-30	325	10.28
0-40	529	16.75
0-60	927	29.35
0-90	1165	36.89
40-90	636	20.14
60-90	238	7.53
90-180	1994	63.11
0-180	3159	100.0

Efficacy = 72.6 Lumens/Watt

COEFFICIENTS OF UTILIZATION

Effective Floor Cavity Reflectance 20%

RC	80			
RW	70	50	30	10
RCR				
0	1.04	1.04	1.04	1.04
1	0.95	0.91	0.87	0.84
2	0.87	0.80	0.74	0.69
3	0.79	0.70	0.63	0.58
4	0.73	0.62	0.55	0.49
5	0.67	0.55	0.48	0.42
6	0.61	0.49	0.42	0.36
7	0.56	0.44	0.36	0.31
8	0.52	0.40	0.32	0.27
9	0.48	0.36	0.29	0.24
10	0.45	0.33	0.26	0.21