





Linear Continuous

ACOUSTIC EDITION



SERIES	Linear Wood Embedded
MODEL	Linear Continuous
EDITION	Acoustic
LUMEN OUTPUT + CONSUMPTION	<p>Direct LO: 650 lm/ft 6.2 W/ft 115.4 lm/W ST: 1000 lm/ft 9.5 W/ft 110.2 lm/W HI: 1514 lm/ft 14.4 W/ft 104.9 lm/W</p> <p>Indirect LO: 726.2 lm/ft 6.2 W/ft 128.9 lm/W ST: 1117.2 lm/ft 9.5 W/ft 123.1 lm/W HI: 1691.5 lm/ft 14.4 W/ft 117.2 lm/W 3500K, 90 CRI shown +/- 5% based on optics and CCT See parameters B/9 for more information</p>
POWER INPUT	110-277V AC 50/60 Hz
WEIGHT	<2 lbs per foot <3 kg per metre
OPTICS	<p>Direct: Lambertian, Oval, Wide, Extra Wide, Asymmetric</p> <p>Indirect: Lambertian, Batwing, Wide, Batwing Extra Wide, Asymmetric</p>
SUSPENSION	Adjustable up to specified length Standard: 5 ft 152 cm
MANUFACTURED IN	Toronto, ON, Canada
WARRANTY	10 year life cycle support 5 year warranty on parts Reclamation program available
CERTIFICATIONS	   

aaline's LW-EB-LC-AC series is our solution for larger projects that require seamless integration of lighting and acoustic performance in a cost-effective manner. The system is made with 100% natural felt, the first Zero-Plastic acoustic light with Class A fire rating.

OPEN ONLINE PRODUCT CONFIGURATOR



PROJECT

LIGHT TYPE

QUANTITY

Product design at aaline is continuously refined to uphold the highest quality standards. We reserve the right to change specifications, contact us for the latest information. Final specifications and material selections will be confirmed at the shop drawing stage.

Linear Continuous Acoustic

SYSTEM SUMMARY

CONSTRUCTION + MATERIALS

aaline's Linear Continuous Acoustic is constructed of two precision machined wood bodies using CNC technology that house the internal LED system. All wood materials are selection-cut, FSC-certified hardwood supplied locally to our studio. We are also able to work with custom wood types upon request. Contact us on our website for material samples.

LED SYSTEM

Premium **aaline** LEDs and heatsink to achieve excellent thermal management for direct and indirect light distribution. Available in 2700K, 3000K, 3500K, and 4000K in 90 CRI. See parameters 8-9 for more information.

ELECTRICAL

aaline's architectural light fixtures are equipped with programmable drivers for precise tuning of lumen output per request. Drivers can be specified as integrated or remote. Standard 120-277 VAC constant current driver includes specified dimming type: 0-10V, TRIAC/ELV, or DALI. Standard cable length provided is 5 ft. Power drop required over 16', to be confirmed at shop drawing stage and dependent on custom lumen output requirements.

OPTICS

The Linear Continuous Acoustic is equipped with optics selection for direct and indirect light distributions. This includes: Lambertian, Oval, Wide, Extra Wide, and Asymmetric. Standard indirect optical distribution is Batwing Wide with options including Lambertian, Batwing Extra Wide, and Asymmetric. Lambertian material: PET. Lens material: PMMA. See parameters 10-11 for more information.

FINISHES

aaline fixtures are finished with a clear satin lacquer as standard. Danish Oil and ECO Coats (Zero VOC) are also available. Painted finishes include satin black, satin white, or custom paint finishes/stains upon request. We also offer FENIX NTM as a premium fixture laminate finish for an anti-fingerprint, scratch resistant, super matte finish. See parameters 13-16 for more information.

MOUNTING

Dependent on the selected driver, we offer various mounting options to best suit your vision, from new-build to retrofit projects. Each fixture comes with a canopy kit including powered and non-powered canopy hanging hardware in the selected finish. See parameters 17-19 for more information.

MAINTENANCE + CARE

aaline fixtures are rated to be installed and operated in dry or damp indoor locations only. Fixture operation in environments beyond this specification voids the warranty and may damage the product or adversely impact fixture life, lumen output, and colour consistency. Wipe with a damp rag occasionally to keep product dust-free.

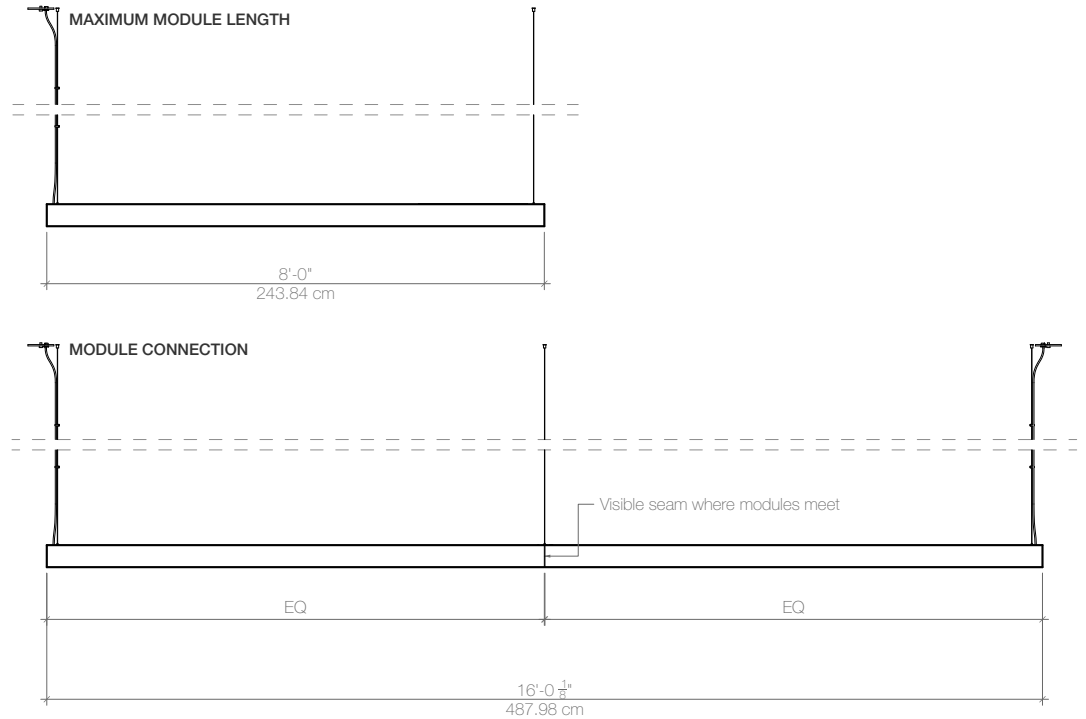
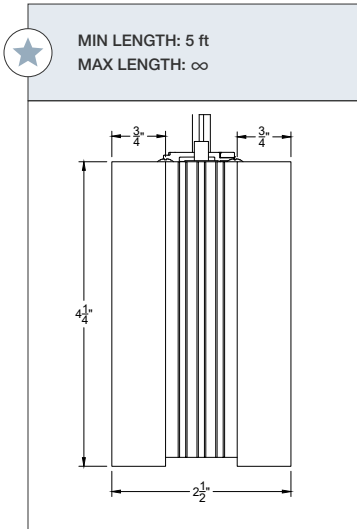
WARRANTY + CERTIFICATIONS

10 year life cycle support available on most products. Technology components come with 3rd party warranty of 10,000 hours or 5 years on parts only. TRIAC/ELV systems have a reduced warranty of 2 years. We offer parts and repair instructions under our Right to Repair initiative. All **aaline** systems must be installed only by a certified electrician or a professional with technical knowledge of local electrical and building code. Unauthorized servicing or improper installation/use of the product invalidate any claims or warranties.

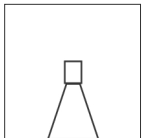
This system is ETL listed to U.S. and Canadian safety standards and incorporates UL Recognized components for proven electrical safety and performance. The fixture is manufactured in compliance with RoHS requirements, ensuring it is free from hazardous substances, and packaged using FSC-certified materials sourced from responsibly managed forests.

Linear Continuous Acoustic

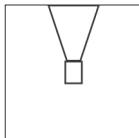
04. LENGTH [L]



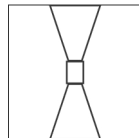
05. LIGHT DISTRIBUTION



DN
Down
Direct

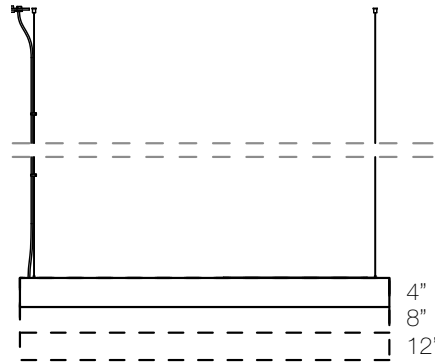


UP
Up
Indirect

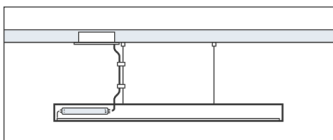


DU +
Down + Up
Direct + Indirect

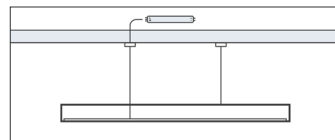
06. DEPTH



07. DRIVER



I
Integrated
Driver is inside the light fixture

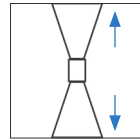


R
Remote
Driver is in a remote location

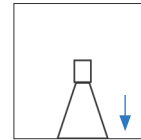
08/09. CIRCUIT/DIMMING



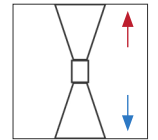
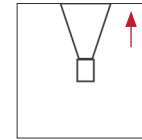
[Click here for more on dimming compatibility](#)



1C
1 Circuit
All light distributions are controlled together



2C
2 Circuit
Direct and indirect light distributions are controlled separately

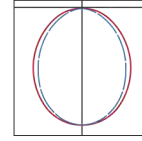


Linear Continuous Acoustic

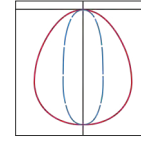
10/11. LUMEN OUTPUT DIRECT/INDIRECT

LIGHT DIST.	OPTICS	CCT	LO [6.19 W/FT]		ST [9.53 W/FT]		HI [14.43 W/FT]	
			LM/FT	W/FT	LM/FT	W/FT	LM/FT	W/FT
DIRECT	LB Lambertian	2700K	624	110.79	960	105.76	1453.44	100.72
		3000K	637	113.1	980	107.96	1483.72	102.82
		3500K	650	115.41	1000	110.17	1514	104.92
		4000K	663	117.72	1020	112.37	1544.28	107.02
	OV Oval	2700K	638.35	113.34	982.08	108.19	1486.87	103.04
		3000K	651.65	115.71	1002.54	110.45	1517.85	105.19
		3500K	664.95	118.06	1023	112.7	1548.82	107.33
		4000K	678.25	120.43	1043.46	114.95	1579.8	109.48
	WW Wide	2700K	653.33	116.01	1005.12	110.73	1521.75	105.46
		3000K	666.94	118.42	1026.06	113.03	1553.45	107.65
		3500K	680.55	120.84	1047	115.34	1585.16	109.85
		4000K	694.16	123.26	1067.94	117.65	1616.86	112.05
	XW Extra Wide	2700K	653.33	116.01	1005.12	110.73	1521.75	105.46
		3000K	666.94	118.42	1026.06	113.03	1553.45	107.65
		3500K	680.55	120.84	1047	115.34	1585.16	109.85
		4000K	694.16	123.26	1067.94	117.65	1616.86	112.05
	AS Asymmetric	2700K	645.84	114.68	993.6	109.46	1504.31	104.25
		3000K	659.3	117.06	1014.3	111.74	1535.65	106.42
		3500K	672.75	119.45	1035	114.02	1566.99	108.59
		4000K	686.21	121.84	1055.7	116.3	1598.33	110.76
Indirect	LB Lambertian	2700K	697.15	123.78	1072.54	118.16	1623.83	112.53
		3000K	711.68	126.37	1094.89	120.62	1657.66	114.88
		3500K	726.2	128.94	1117.23	123.08	1691.49	117.22
		4000K	740.72	131.52	1139.57	125.54	1725.32	119.56
	BW Batwing Wide	2700K	705.52	125.27	1085.41	119.57	1643.32	113.88
		3000K	720.22	127.88	1108.03	122.06	1677.55	116.25
		3500K	734.92	130.49	1130.64	124.56	1711.79	118.63
		4000K	749.61	133.1	1153.24	127.05	1746.02	121
	BX Batwing Extra Wide	2700K	697.15	123.78	1072.54	118.16	1623.83	112.53
		3000K	711.68	126.37	1094.89	120.62	1657.66	114.88
		3500K	726.2	128.94	1117.23	123.08	1691.49	117.22
		4000K	740.72	131.52	1139.57	125.54	1725.32	119.56
	AS Asymmetric	2700K	721.55	128.12	1110.08	122.29	1680.66	116.47
		3000K	736.59	130.79	1133.21	124.85	1715.68	118.9
		3500K	751.61	133.45	1156.33	127.39	1750.69	121.32
		4000K	766.64	136.13	1179.45	129.94	1785.71	123.75

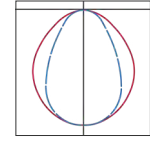
12. OPTICS DIRECT



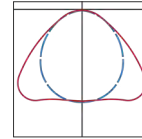
LB •
Lambertian



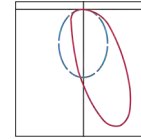
OV +
Oval
~40° + 100°



WW +
Wide
~70° + 100°

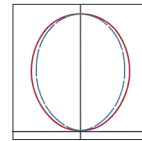


XW +
Extra Wide
~110° + 100°

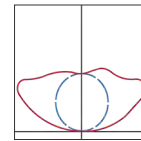


AS +
Asymmetric

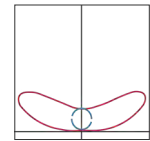
13. OPTICS INDIRECT



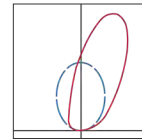
LB
Lambertian



BW ++
Batwing Wide
~145° + 100°



BX +
Batwing Extra Wide
~165° + 130°



AS +
Asymmetric

14. COLOUR TEMPERATURE



27
2700K
Warm White
90+ CRI



30
3000K
Soft White
90+ CRI



35
3500K
Natural White
90+ CRI



40
4000K
Cool White
90+ CRI

Linear Continuous Acoustic

15/16. WOOD SELECTION/WOOD FINISH: CLEAR



End caps are brushed aluminum
Clear finish on EGW will have live edge visible



WAL-CFST
Clear Finish Satin
10 GU @ 60°



WAL-CFDO +
Danish Oil
<5 GU @ 60°



WAL-CFEC
ECO Coat | Zero VOC
<7 @ 60°



OAK-CFST
Clear Finish Satin
10 GU @ 60°



OAK-CFDO +
Danish Oil
<5 GU @ 60°



OAK-CFEC
ECO Coat | Zero VOC
<7 @ 60°



CHR-CFST
Clear Finish Satin
10 GU @ 60°



CHR-CFDO +
Danish Oil
<5 GU @ 60°



CHR-CFEC
ECO Coat | Zero VOC
<7 @ 60°



MPL-CFST
Clear Finish Satin
10 GU @ 60°



MPL-CFDO +
Danish Oil
<5 GU @ 60°



MPL-CFEC
ECO Coat | Zero VOC
<7 GU @ 60°



ASH-CFST
Clear Finish Satin
10 GU @ 60°



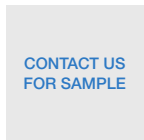
ASH-CFDO +
Danish Oil
<5 GU @ 60°



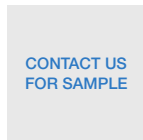
ASH-CFEC
ECO Coat | Zero VOC
<7 GU @ 60°



EGW-CFST
Clear Finish Satin
10 GU @ 60°



EGW-CFDO +
Danish Oil
<5 GU @ 60°

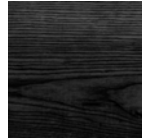


EGW-CFEC
ECO Coat | Zero VOC
<7 GU @ 60°

16. WOOD FINISH PAINTED



Painted finish for ASH and EGW wood types only
End caps match paint selection



ASH-PFBK
Satin Black
20-35 GU @ 60°



ASH-PFWH
Satin White
20-35 GU @ 60°

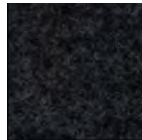


ASH-PFXX +
Custom Paint
20-35 GU @ 60°

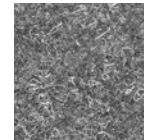
17. NATURAL ACOUSTIC FELT



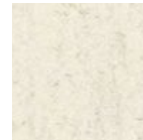
Click here for the entire felt collection



F384
Charcoal



F382
Pebble Grey



F311
Wool White



F251
Meadow Green



F152
Olive

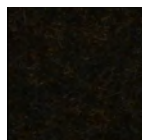


FXXX +
Custom

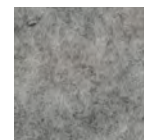
17. PET ACOUSTIC FELT



Click here for the entire felt collection



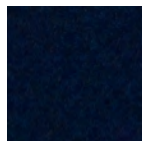
BKDU
Black Dunham



GRST
Gray St-Sebastien



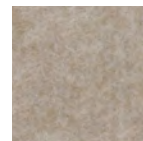
WHCO
White Cote-des-Neiges



BLST
Blue St-Georges



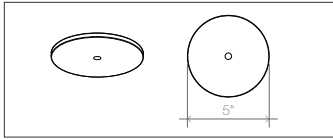
GNST
Green Ste-Marie



TAPE
Tane Percé

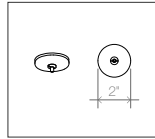
Linear Continuous Acoustic

18. CANOPY DIMENSIONS



Integrated Canopy

Driver is inside the light fixture



Remote Canopy

Driver is in a remote location

19. CABLE COLOUR



W •

White

Integrated Systems
High-voltage



B

Black

Integrated Systems
High-voltage



C

Clear Jack with Silver Core

Remote Systems
Low-voltage

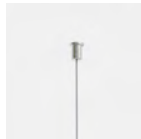
21/22. MOUNTING | INTEGRATED DRIVERS



[Click here for more on mounting](#)



Powered



Non-Powered



Powered



Non-Powered



Powered



Non-Powered



Powered



Non-Powered

IN •

Independent

Suspension cable independent from junction box

JB-MI

Junction Box | Minimal

Suspension cable centred on junction box, minimal hardware on non-powered end

JB-MA

Junction Box | Match

Suspension cable centred on junction box, matching 5" canopy on non-powered end

TB

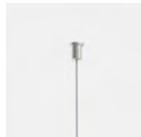
T-Bar Support

T-Bar clip hardware, for 15/16" t-bar width; junction box above ceiling panels

21/22. MOUNTING | REMOTE DRIVERS



Powered



Non-Powered



Powered



Non-Powered

PO

Power Over Cable

Low voltage power over cable hardware

TB

T-Bar Support

T-Bar clip hardware, for 15/16" t-bar width

AALINE RECLAMATION PROGRAM



[Click here for more on Product Life Cycle](#)



Right to Repair

aaline is committed to providing services and support at all stages of the design process, including reclamation and disposal. Please contact us and we will arrange to get the system to our factory so we can refurbish it for you or re-use parts and components that can be reclaimed. Our lighting and acoustic fixtures are made with 100% biodegradable or recyclable materials. The electrical components are RoHS certified and contain no hazardous elements and should be recycled at a specialized recycling facility.

Linear Continuous Acoustic

PRODUCT SPECIFICATION | FOURTH GENERATION

• PRODUCT STANDARD | + PRODUCT UPGRADE

LW-EB-LC-AC-

01 02 03 04/05 06 07 08 09 10 11 12 13 14 15 16 17 18 19/20 21 22

PARAMETER	CODE	DESCRIPTION	CONDITIONALS	NOTES
01. SERIES	LW-EB	Linear Embedded		
02. MODEL	LC	Continuous		
03. EDITION	AC	Acoustic		
04. LENGTH [L]		Total Length in Feet Min. 5' Increments of 1'		Final length confirmed in shop drawings
05. LIGHT DISTRIBUTION	DN UP DU +	Direct Indirect Direct + Indirect		
06. DEPTH	D04 D08 + D12 +	4-1/2" 8" 12"		
07. DRIVER	I R	Integrated Remote	Coaxial cable standard subject to change based on power requirements and specified length	Confirmed in shop drawings
08. CIRCUIT	1C 2C +	1 Circuit 2 Circuit	For DU light distribution only	
09. DIMMING	010 • 020 DALI +	0-10V TRIAC/ELV DALI	For R drivers only	Reduced warranty, see System Summary
10. LUMEN OUTPUT DIRECT	LO ST • HI +	650 lm/ft 6.2 W/ft 115.4 lm/W 1000 lm/ft 9.5 W/ft 110.2 lm/W 1514 lm/ft 14.4 W/ft 104.9 lm/W	Parameter 10 for DN or DU light distribution only	3500K, 90 CRI shown +/- 5% based on optics and CCT See parameters 8/9 for more information
11. LUMEN OUTPUT INDIRECT	LO ST • HI +	726.2 lm/ft 6.2 W/ft 128.9 lm/W 1117.2 lm/ft 9.5 W/ft 123.1 lm/W 1691.5 lm/ft 14.4 W/ft 117.2 lm/W	Parameter 11 for UP or DU light distribution only	3500K, 90 CRI shown +/- 5% based on optics and CCT See parameters 8/9 for more information
12. OPTICS DIRECT	LB • OV + WW + XW + AS +	Lambertian Oval ~40° + 100° Wide ~70° + 100° Extra Wide ~110° + 100° Asymmetric	Parameter 12 for DN or DU light distribution only	
13. OPTICS INDIRECT	LB BW • BX AS	Lambertian Batwing Wide ~145° + 100° Batwing Extra Wide ~165° + 130° Asymmetric	Parameter 13 for UP or DU light distribution only	
14. COLOUR TEMP	27K 30K 35K 40K	2700K Warm White 90+ CRI 3000K Soft White 90+ CRI 3500K Natural White 90+ CRI 4000K Cool White 90+ CRI		
15. WOOD	WAL OAK CHR MPL ASH EGW	Walnut White Oak Cherry Hard Maple White Ash Engineered Wood		End caps match

Linear Continuous

PRODUCT SPECIFICATION | FOURTH GENERATION

• PRODUCT STANDARD | + PRODUCT UPGRADE

LW-EB-LC-AC-

01 02 03 04/05 06 07 08 09 10 11 12 13 14 15 16 17 18 19/20 21 22

PARAMETER	CODE	DESCRIPTION	CONDITIONALS	NOTES
16. WOOD FINISH: CLEAR	CFST •	Clear Finish Satin		End caps match
	CFDO +	Danish Oil		Clear finish on EGW will have live edge visible
	CFEC	ECO Coat Zero VOC		
WOOD FINISH: PAINTED	PFBK	Painted Finish Satin Black	For ASH and EGW wood types only	End caps match
	PFWH	Painted Finish Satin White		
	PFXX +	Painted Finish Custom		
17. NATURAL ACOUSTIC FELT	F384 +	Charcoal		Applied to sides of fixture, 3mm thick
	F382 +	Pebble Grey		
	F311 +	Wool White		
	F251 +	Meadow Green		
	F152 +	Olive		
	F000 +	Custom		
PET ACOUSTIC FELT	BKDU	Black Dunham		Applied to sides of fixture, 1/4" thick
	GRST	Gray St-Sebastien		
	WHCO	White Cote-des-neiges		
	BLST	Blue St-Georges		
	GNST	Green Ste-Marie		
	TAPE	Tane Percé		
18. CANOPY COLOUR	WH •	White		
	BK	Black		
	XX +	Custom		
19. CABLE COLOUR	W •	White	For I drivers only	
	B	Black	For I drivers only	
	C	Clear Jacket with Silver Core	For R drivers only	
20. CABLE LENGTH		In Feet 5' standard • 6' and above +		On-site adjustable
21. MOUNTING	IN •	Integrated	For I drivers only	
	JB	Junction Box	For I drivers only	
	TB	T-Bar Support	For I + R drivers	For 15/16" t-bar width
	PO	Power Over Cable	For R drivers only	
22. CANOPY HARDWARE	MI •	Minimal	Parameter 22 for JB mounting type only	
	MA	Match		

CUSTOM NOTES