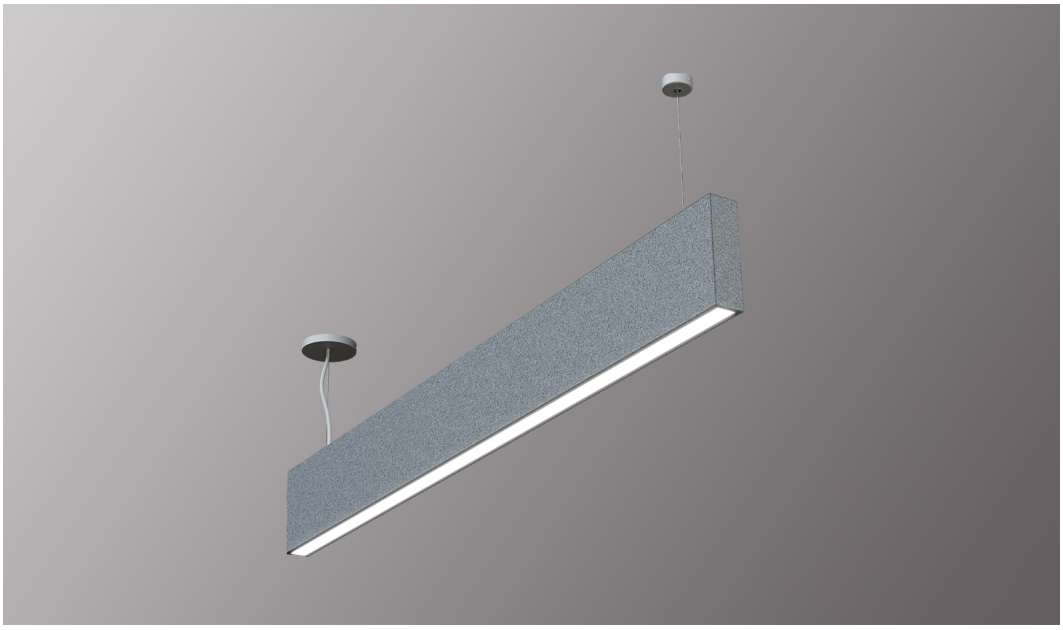
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BROOKLYN • NY

ACOUSTIC SERIES - ASL

Rev. Date: 09/10/2026

Project:	Type:
	Comments:



Highlights

The **TechoLED Acoustic Series** provides an elegant and effective solution for reducing noise and reverberation in large, open spaces. Our luminaires are crafted from high-quality, rigid, acoustically rated materials, ensuring an easy-to-specify and install integrated solution. With a wide range of sizes, form factors, and finishes - from standard colors to faux wood - we offer an acoustic solution to complement every modern interior.

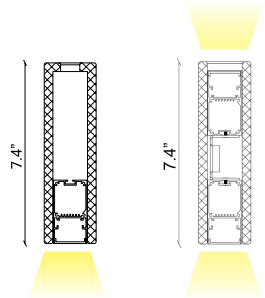
LED: Samsung LED chips, 2700-5000K, tunable white and RGB/W, 90CRI

Optical: Direct & Direct/Indirect illumination, 115° Beam Angle

Construction: Rigid acoustic material structure, aluminum extrusion mounted inside, PMMA diffuser, acoustic material available in multiple colors/finishes

5-year limited warranty

Cross Section



Direct Indirect

Installation



Pendant
(P)

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ACOUSTIC SERIES - ASL

Rev. Date: 09/10/2026

Project:	Type:
	Comments:

Configuration Example

Model #	Distribution	Size	Lumen Output	Color Temp.	Voltage	Finish
TECHOLED-ASL-D-11-LO-30-U-W	Direct	11.4"x47.2"	Low	3000K	110-277V	White

Ordering Guide:

Select one option from each group below. For a custom preference please contact sales@techoled.com

1-FIXTURE ID		2-DISTRIBUTION		3-SIZE		4-LUMEN OUTPUT	
ASL	Linear	D	Direct	7	7.4"x47.2"	LO	Low
		DI	Direct/Indirect	11	11.4"x47.2"	ME	Medium
				15	15.3"x47.2"	HI	High
5-COLOR TEMP.		**6-VOLTAGE**		**7-FINISH**		**8-ACOUSTIC FELT FINISH**	
27	2700K	U	120-277V	W	White	Xxx	See Color Palette
30	3000K	HV	347V	B	Black		
35	3500K			S	Silver		
40	4000K			C	Custom (RAL#)		
50	5000K						
DT	Lutron T-series						
RGB	RGB						
RGBW	RGBW						
D	Tunable White						
9-MOUNTING		**10-DRIVER OPTIONS**		**11-OPTIONS**		**12-OPTIONS (CONT.)**	
P	Pendant	DM	0-10V Dimming	RF-D	Remote Tunable (RF only)	EM	EM Battery (remote)
		2C	2 Channel	RF-R	Remote RGB/W (RF only)	X	None
		DM1%	1% Dimming	M	Motion Sensor (remote)		
		LT1	LDE1 Lutron 1%	BM	BubblyNet BT Mesh		
		DA	Dali	CS	Casambi		
		DMX	DMX	AWNR	Lutron Athena Node		
		TR	Triac Dimming	AWNS	Lutron Athena Node sensor		
		RF	RF Wireless	NL-ES7	nLight - Wired		
		X	None	NL-AIR	nLight - AIR		
				NL-M	nLight - Module only		
				X	None		

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ACOUSTIC SERIES - ASL

Rev. Date: 09/10/2026

Project:	Type:
	Comments:

Lumen Output Details

Model #	Size	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-ASL-D-7-LO-30	7.4"x47.2"	Low	3000K	25W	2625Lm
TECHOLED-ASL-D-7-ME-30	7.4"x47.2"	Medium	3000K	40W	4200Lm
TECHOLED-ASL-D-7-HI-30	7.4"x47.2"	High	3000K	60W	6300Lm
TECHOLED-ASL-D-11-LO-30	11.4"x47.2"	Low	3000K	25W	2625Lm
TECHOLED-ASL-D-11-ME-30	11.4"x47.2"	Medium	3000K	40W	4200Lm
TECHOLED-ASL-D-11-HI-30	11.4"x47.2"	High	3000K	60W	6300Lm
TECHOLED-ASL-D-15-LO-30	15.3"x47.2"	Low	3000K	25W	2625Lm
TECHOLED-ASL-D-15-ME-30	15.3"x47.2"	Medium	3000K	40W	4200Lm
TECHOLED-ASL-D-15-HI-30	15.3"x47.2"	High	3000K	60W	6300Lm

Performance above applies to 90 CRI, 3000K. Calculate 96% for 2700K, 104% for 3500K and 109% for 4000K

Model #	Size	Output	Color Temp.	Wattage	Down Lumen Out.	Up Lumen Out.
TECHOLED-ASL-DI-7-LO-30	7.4"x47.2"	Low	3000K	30W	2268Lm	882Lm
TECHOLED-ASL-DI-7-ME-30	7.4"x47.2"	Medium	3000K	50W	3780Lm	1470Lm
TECHOLED-ASL-DI-7-HI-30	7.4"x47.2"	High	3000K	80W	6048Lm	2352Lm
TECHOLED-ASL-DI-11-LO-30	11.4"x47.2"	Low	3000K	30W	2268Lm	882Lm
TECHOLED-ASL-DI-11-ME-30	11.4"x47.2"	Medium	3000K	50W	3780Lm	1470Lm
TECHOLED-ASL-DI-11-HI-30	11.4"x47.2"	High	3000K	80W	6048Lm	2352Lm
TECHOLED-ASL-DI-15-LO-30	15.3"x47.2"	Low	3000K	30W	2268Lm	882Lm
TECHOLED-ASL-DI-15-ME-30	15.3"x47.2"	Medium	3000K	50W	3780Lm	1470Lm
TECHOLED-ASL-DI-15-HI-30	15.3"x47.2"	High	3000K	80W	6048Lm	2352Lm

Performance above applies to 90 CRI, 3000K. Calculate 96% for 2700K, 104% for 3500K and 109% for 4000K

Performance

Output	Lumens / W
Low	105
Medium	105
High	105

Project:	Type:
	Comments:

Driver Option Details

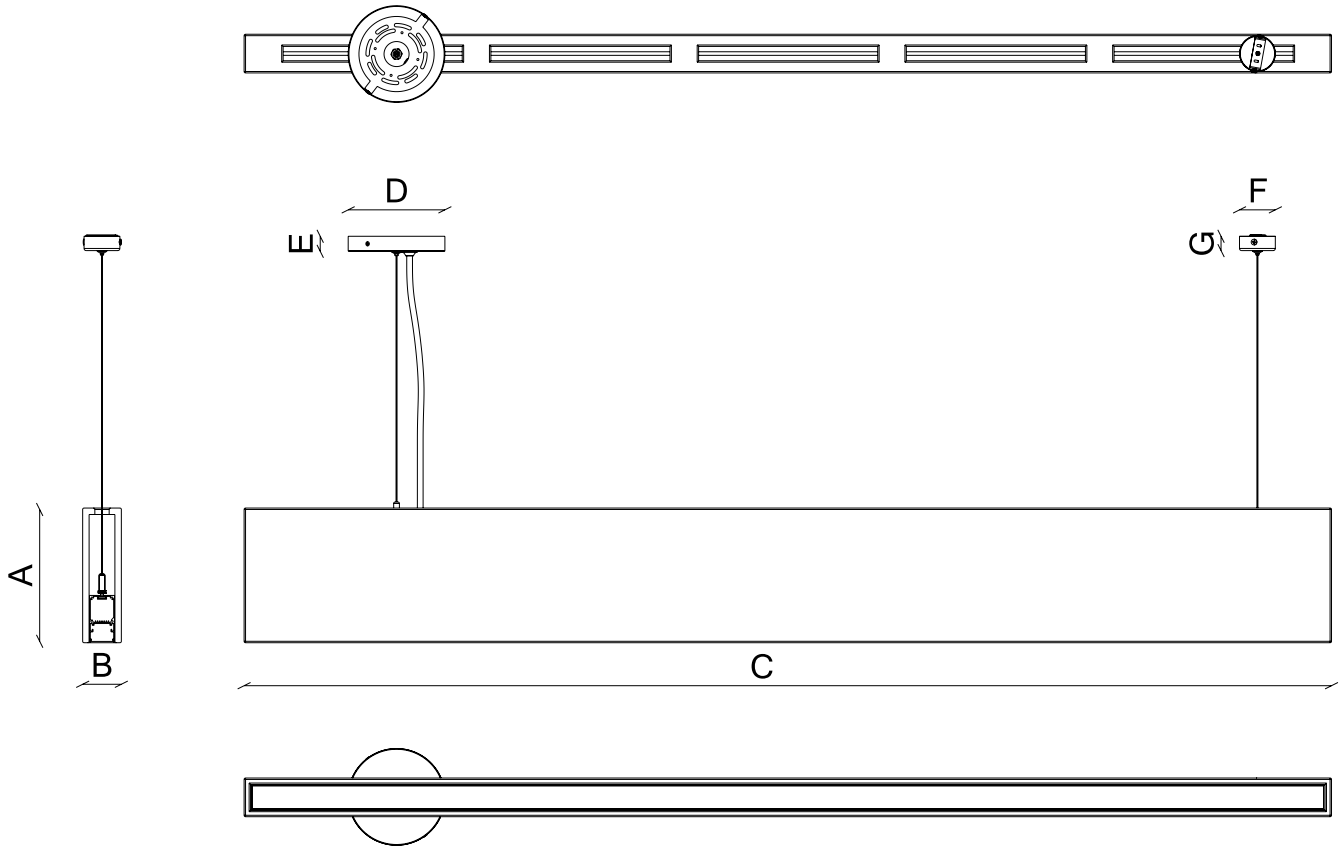
Code	Description
LT1	**LDE1** -Lutron Hi-lume 1% EcoSystem, Soft-on, Fade-to Black Dimming
DA	**DALI**
DMX	**DMX** - Decoder provided by TechoLED, controller by others

Controls Details

Code	Description
RF-D	**RF Wireless** remote controller for tunable white. **Default for tunable white.**
RF-R	**RF Wireless** remote controller for RGB & RGBW. **Default for RGB & RGBW.**
M	**Motion Sensor** - remote, for integral sensor consult factory
BM	**Bluetooth Mesh** Smart Wireless Control by BubblyNet
CS	**Bluetooth Mesh** Smart Wireless Control by Casambi
AWNR	**Lutron Athena** wireless node
AWNS	**Lutron Athena** wireless node with sensor
NL-ES7	**Acuity nLight** – Wired nES7 sensor
NL-AIR	**Acuity nLight** – AIR wireless rES7 sensor
NL-M	**Acuity nLight** - ready, sensor by others

Project:	Type:
	Comments:

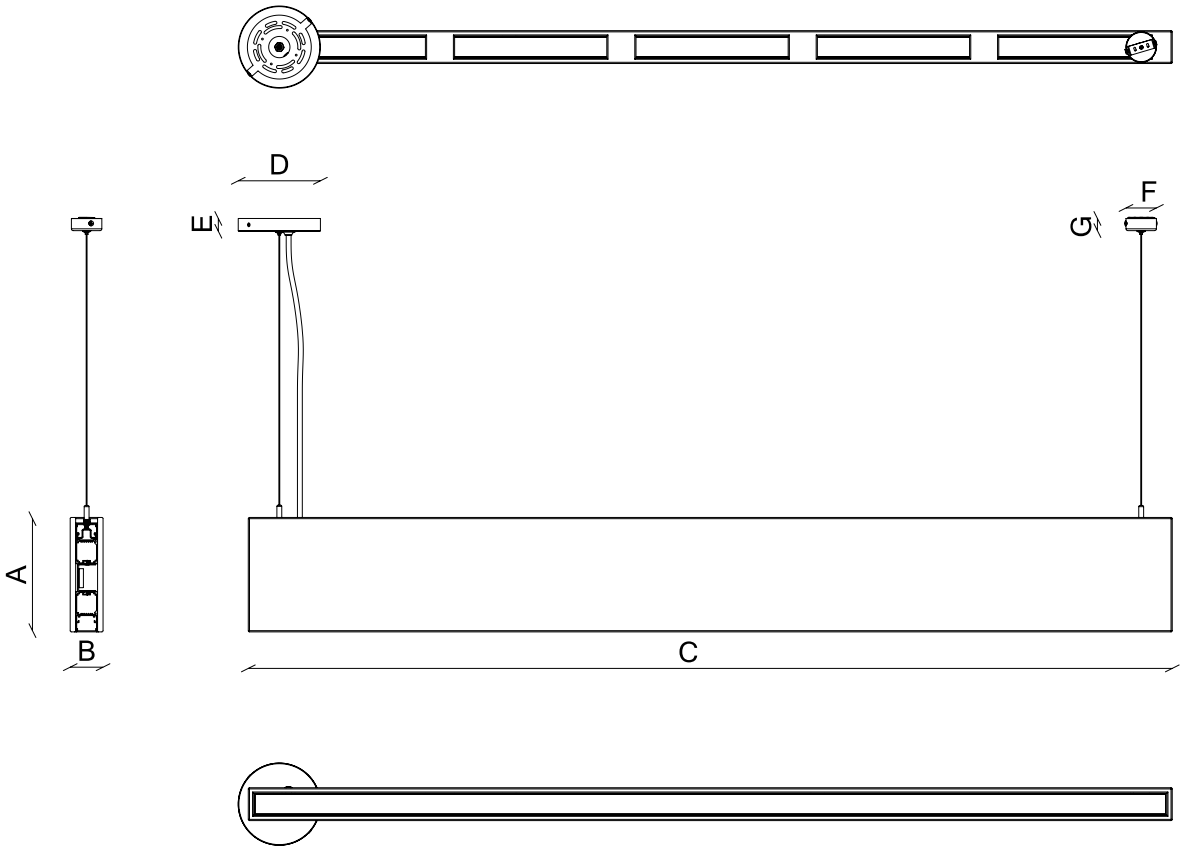
Dimension and Mounting - Direct Distribution (D)



FIXTURE ID	A	B	C	D	E	F	G
ASL-D-7-40	7.4"	2.1"	47.2"	5.3"	0.7"	1.96"	0.7"
ASL-D-11-40	11.4"	2.1"	47.2"	5.3"	0.7"	1.96"	0.7"
ASL-D-15-40	15.3"	2.1"	47.2"	5.3"	0.7"	1.96"	0.7"

Project:	Type:
	Comments:

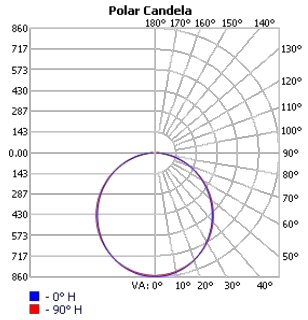
Dimension and Mounting - Direct/Indirect Distribution (DI)



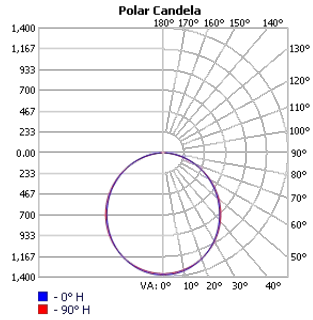
FIXTURE ID	A	B	C	D	E	F	G
ASL-DI-7-40	7.4"	2.1"	47.2"	5.3"	0.7"	1.96"	0.7"
ASL-DI-11-40	11.4"	2.1"	47.2"	5.3"	0.7"	1.96"	0.7"
ASL-DI-15-40	15.3"	2.1"	47.2"	5.3"	0.7"	1.96"	0.7"

Project:	Type:
	Comments:

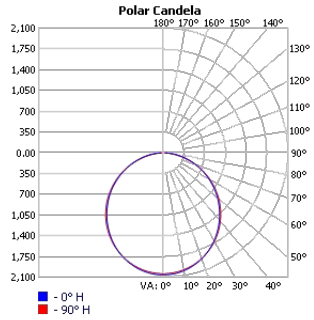
Photometrics



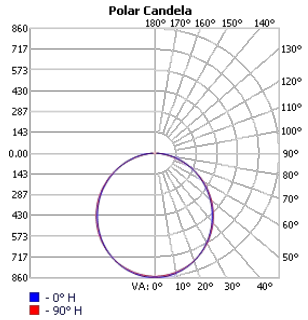
TECHOLED-ASL-D-7-LO-30



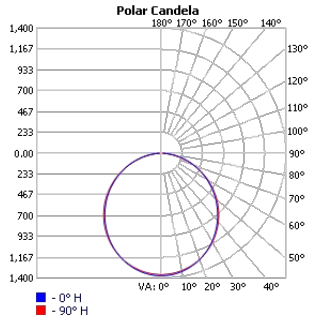
TECHOLED-ASL-D-7-ME-30



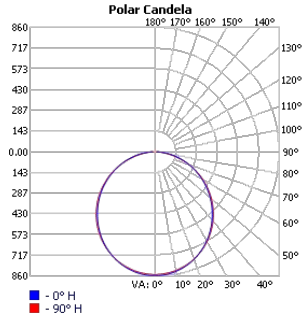
TECHOLED-ASL-D-7-HI-30



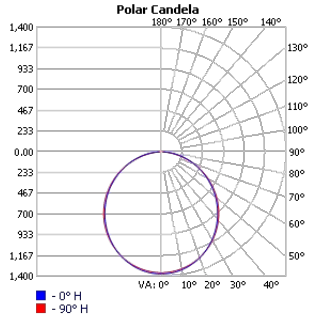
TECHOLED-ASL-D-11-LO-30



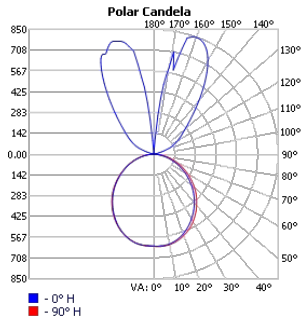
TECHOLED-ASL-D-11-ME-30



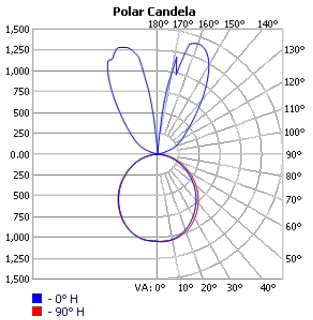
TECHOLED-ASL-D-15-LO-30



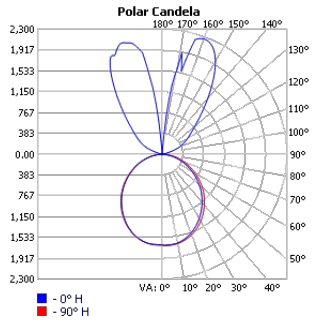
TECHOLED-ASL-D-15-ME-30



TECHOLED-ASL-DI-7-LO-30

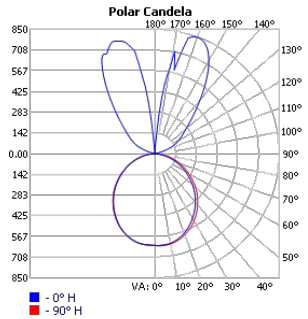


TECHOLED-ASL-DI-7-ME-30

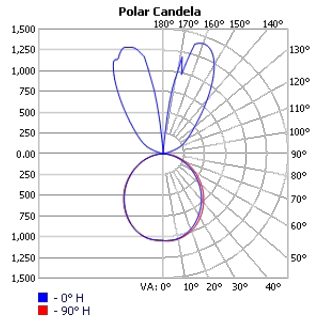


TECHOLED-ASL-DI-7-HI-30

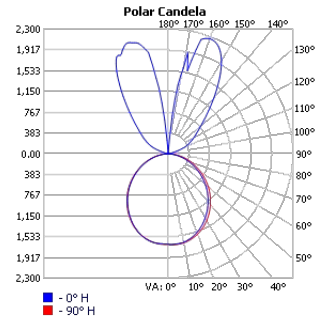
Project:	Type:
	Comments:



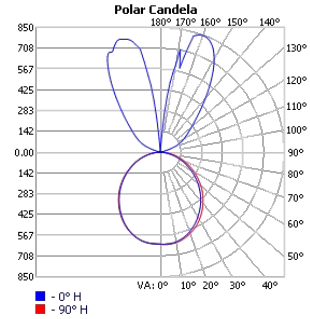
TECHOLED-ASL-DI-11-LO-30



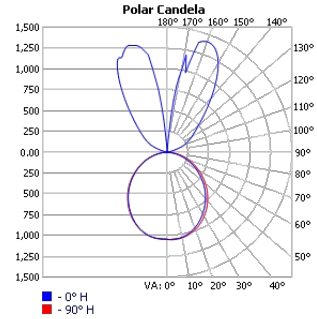
TECHOLED-ASL-DI-11-ME-30



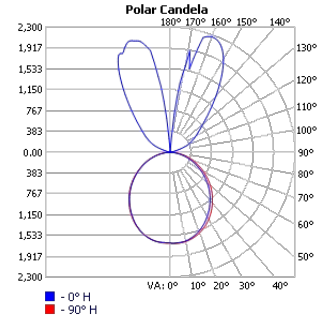
TECHOLED-ASL-DI-11-HI-30



TECHOLED-ASL-DI-15-LO-30



TECHOLED-ASL-DI-15-ME-30

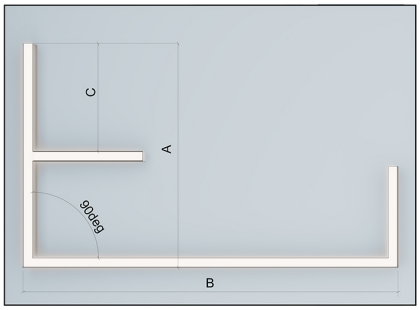


TECHOLED-ASL-DI-15-HI-30

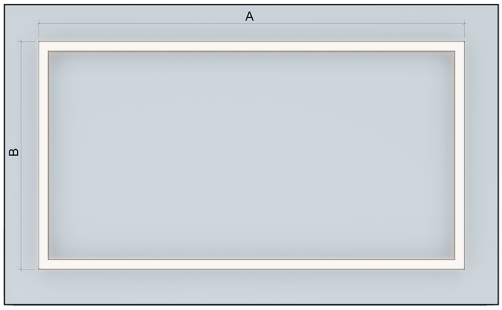
Project:	Type:
	Comments:

Patterns Option Examples

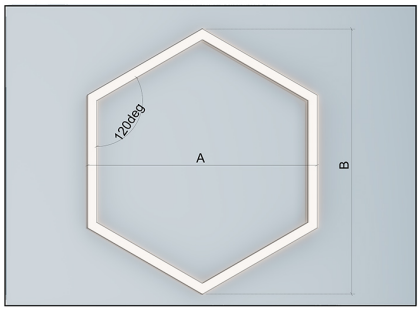
CUSTOM PATTERN



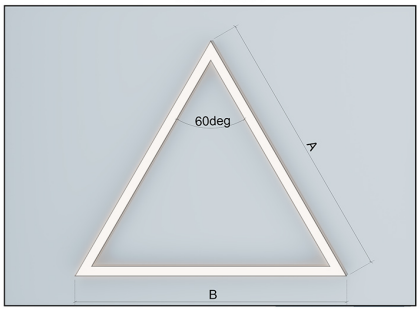
RECTANGLE



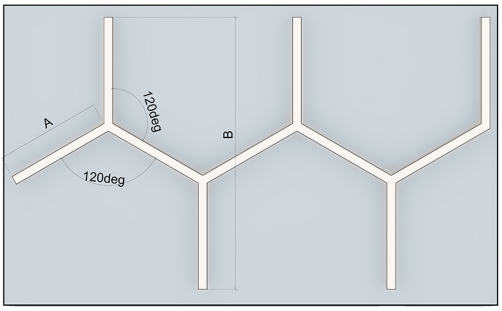
HEXAGON



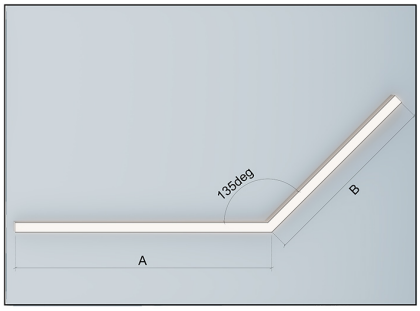
TRIANGLE



ZIG-ZAG / HEX



ONE ARM ANGLE



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	Comments:

Finish Details (powder coat finish)

Standard Colors

W – White


S – Silver


B – Black

Custom Colors


RAL 1003


RAL 2004


RAL 3000


RAL 4001


RAL 5002


RAL 6000


RAL 6038


RAL 7001


RAL 1036


RAL 8029

Any RAL color available, please refer to ralcolorchart.com

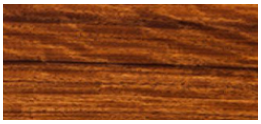
Custom Wooden Colors


American Walnut


Cherry


Maple


Light Oak


Palisander Santos

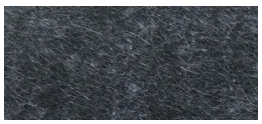
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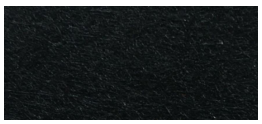
Acoustic color

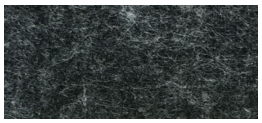

001


002


003


004


005


006


007


008

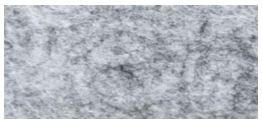

009


011


012


013


014


016

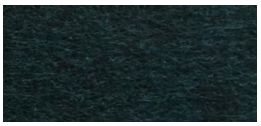

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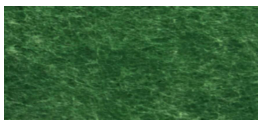

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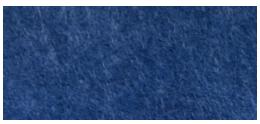

019


020

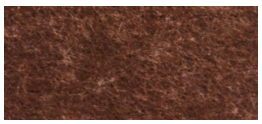

021


022


024


025


028


031


033


034

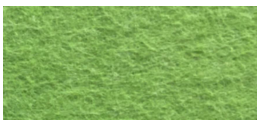

035


036

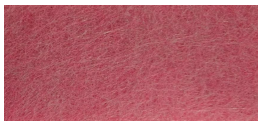

038


039

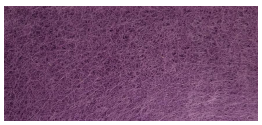

040


042


043


055


056


057

techoLED®
BROOKLYN • NY

ACOUSTIC SERIES - ASL

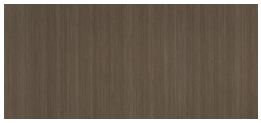
Rev. Date: 09/10/2026

Project:	Type:
	Comments:

Acoustic faux wood texture


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