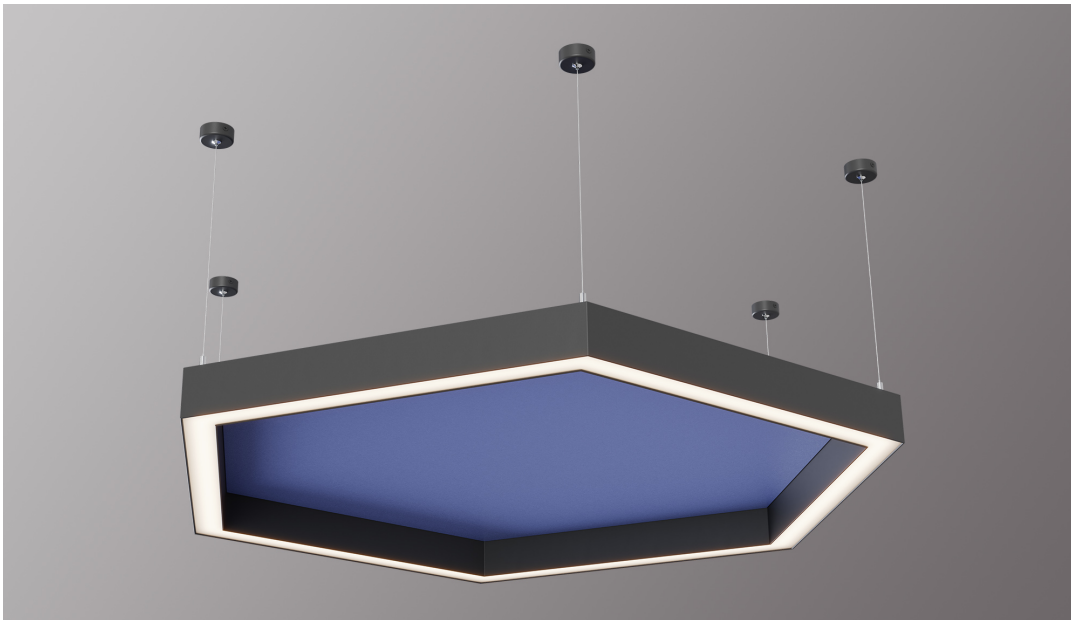


Project:	Type:
	Comments:



Highlights

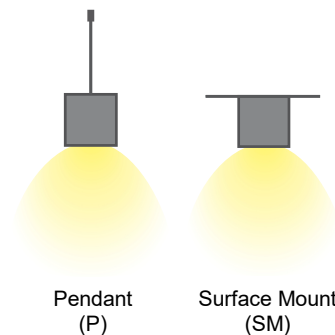
The **TechoLED Acoustic Series** provides an elegant and effective solution for reducing noise and reverberation in large, open spaces. Our luminaires are crafted from high-quality, rigid, acoustically rated materials, ensuring an easy-to-specify and install integrated solution. With a wide range of 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 illumination, 115° Beam Angle

Construction: High grade aluminum extrusion, acoustic rated material, PMMA diffuser, acoustic material available in multiple colors/finishes

Installation



Project:	Type:
	Comments:

Configuration Example

Model #	Distribution	Diameter	Lumen Output	Color Temp.	Voltage	Color
TECHOLED-ASH-D-18-LO-30-U-W	Direct	18.9"x16.4"	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-DIAMETER		4-LUMEN OUTPUT	
ASH	Hexagon	D	Direct	18	18.9"x16.4"	LO	Low
				23	23.6"x20.5"	ME	Medium
				35	35.4"x30.7"	HI	High
				47	47.2"x40.9"		

5-COLOR TEMP.		6-VOLTAGE		7-FINISH		8-ACOUSTIC FELT FINISH	
27	2700K	U	110-277V	W	White	X	None
30	3000K	HV	347V	B	Black	Xxx	See Color Palette
35	3500K			C	Custom (RAL#)		
40	4000K						
50	5000K						
DT	Lutron T-series						
RGB	RGB						
RGBW	RGBW						
D	Tunable White						

9-MOUNTING		10-DRIVER OPTIONS		11-OPTIONS		12-OPTIONS (CONT.)	
SM	Surface Mount	DM	0-10V Dimming	RF-D	Remote Tunable (RF only)	EM	EM Battery (remote)
P	Pendant	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		
		CA	Casambi	CS	Casambi		
		DMX	DMX	AWN	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		

Project:	Type:
	Comments:

Lumen Output Details

Model #	Diameter	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-ASH-D-18-LO-30	18.9"x16.4"	Low	3000K	20W	2100Lm
TECHOLED-ASH-D-18-ME-30	18.9"x16.4"	Medium	3000K	25W	2625Lm
TECHOLED-ASH-D-18-HI-30	18.9"x16.4"	High	3000K	40W	4200Lm
TECHOLED-ASH-D-23-LO-30	23.6"x20.5"	Low	3000K	25W	2625Lm
TECHOLED-ASH-D-23-ME-30	23.6"x20.5"	Medium	3000K	40W	4200Lm
TECHOLED-ASH-D-23-HI-30	23.6"x20.5"	High	3000K	60W	6300Lm
TECHOLED-ASH-D-35-LO-30	35.4"x30.7"	Low	3000K	60W	6300Lm
TECHOLED-ASH-D-35-ME-30	35.4"x30.7"	Medium	3000K	90W	9450Lm
TECHOLED-ASH-D-35-HI-30	35.4"x30.7"	High	3000K	120W	12600Lm
TECHOLED-ASH-D-47-LO-30	47.2"x40.9"	Low	3000K	120W	12600Lm
TECHOLED-ASH-D-47-ME-30	47.2"x40.9"	Medium	3000K	180W	18900Lm
TECHOLED-ASH-D-47-HI-30	47.2"x40.9"	High	3000K	240W	25200Lm

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

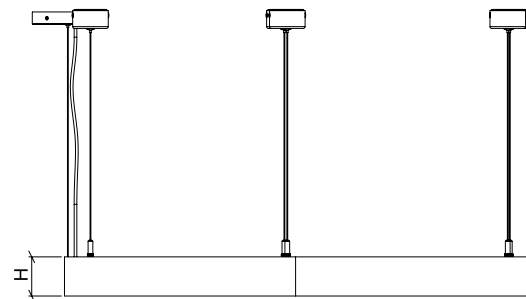
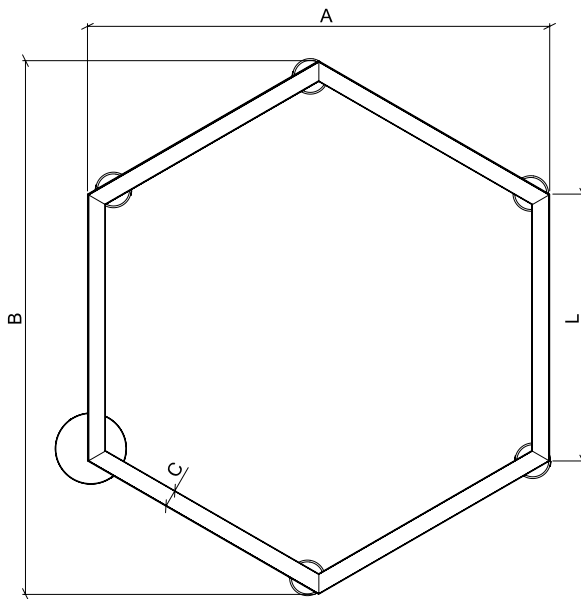
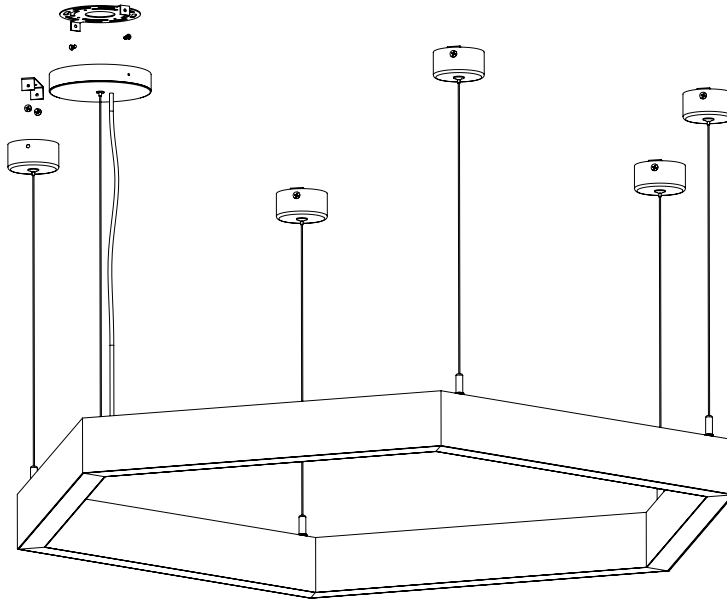
Code	Description
LT1	LDE1 -Lutron Hi-lume 1% EcoSystem, Soft-on, Fade-to Black Dimming
DA	DALI
DMX	DMX - Decoder provided by TechoLED, controller by others

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
AWNRR	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:

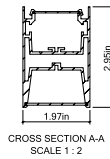
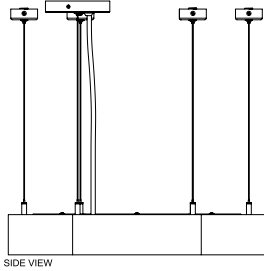
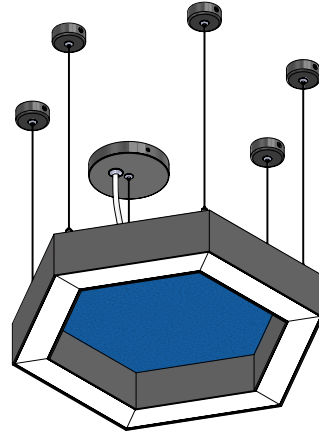
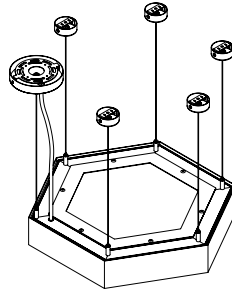
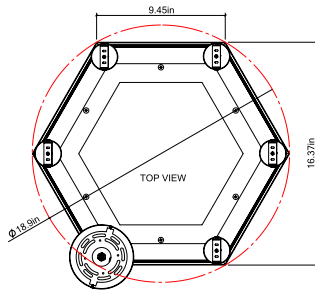
Dimension and Mounting



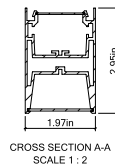
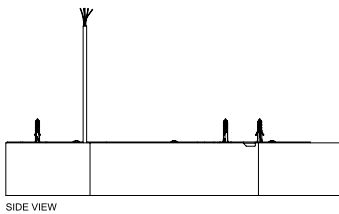
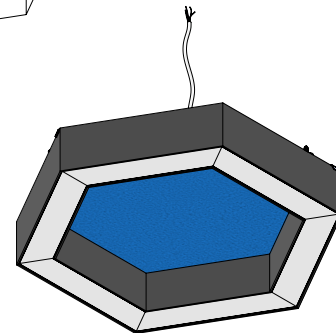
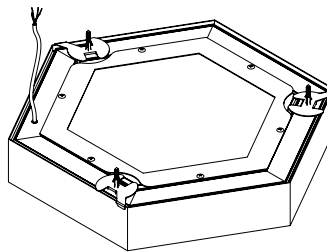
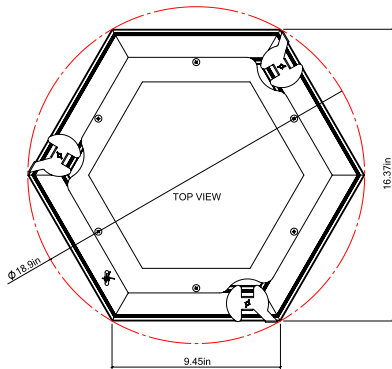
FIXTURE ID	A	B	C	L	H
ASH-D-18-25	16.4"	18.9"	1.97"	9.45"	3"
ASH-D-23-40	20.5"	23.6"	1.97"	11.8"	3"
ASH-D-35-90	30.7"	35.4"	1.97"	17.7"	3"
ASH-D-47-180	40.9"	47.2"	1.97"	23.6"	3"

Project:	Type:
	Comments:

■ **ASH-D-18 (Pendant)**

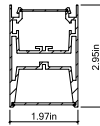
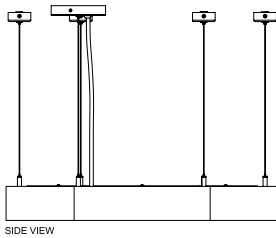
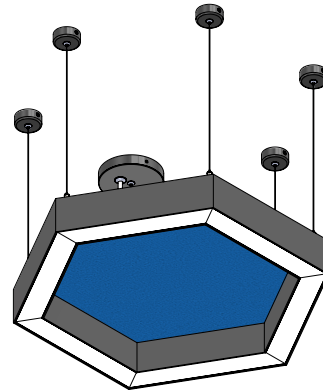
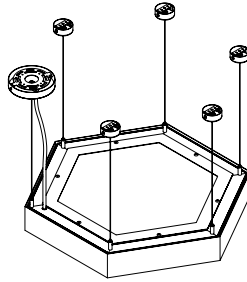
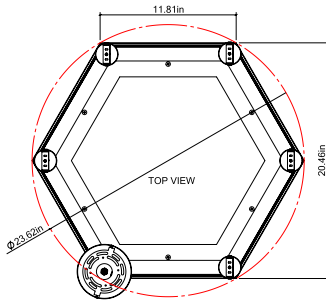


■ **ASH-D-18 (Surface)**



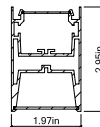
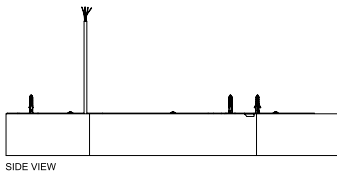
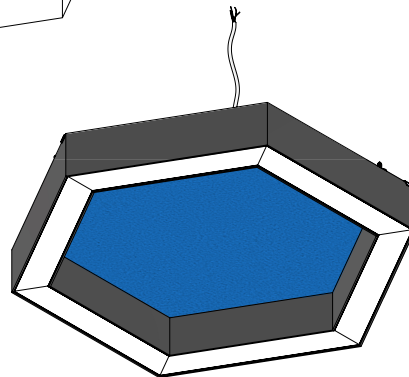
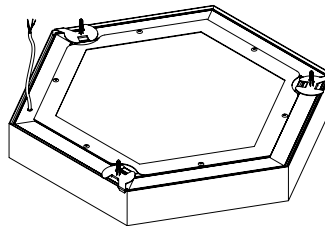
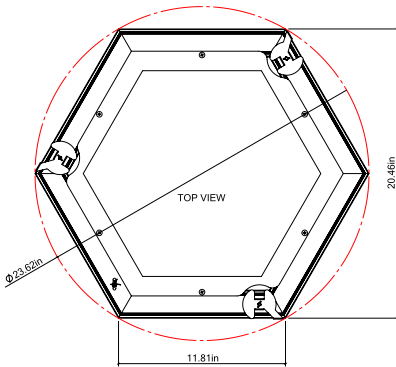
Project:	Type:
	Comments:

■ **ASH-D-23 (Pendant)**



CROSS SECTION A-A
SCALE 1 : 2

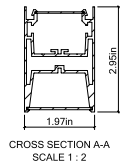
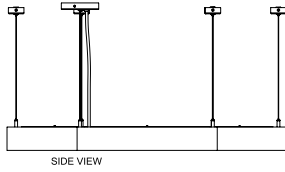
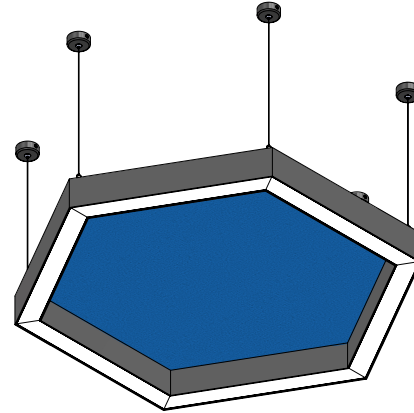
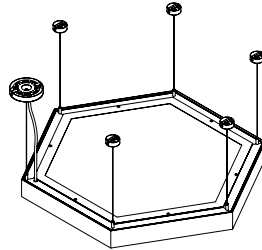
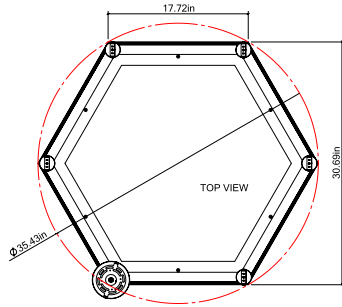
■ **ASH-D-23 (Surface)**



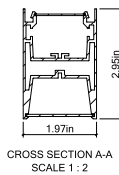
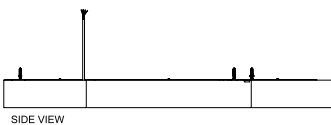
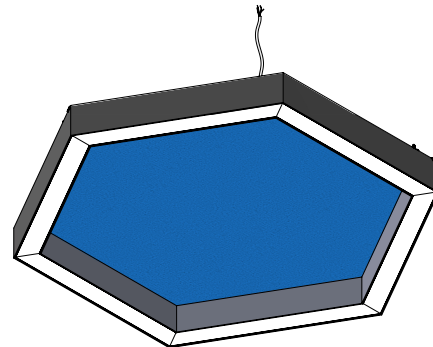
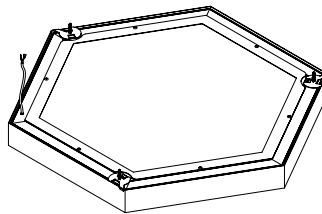
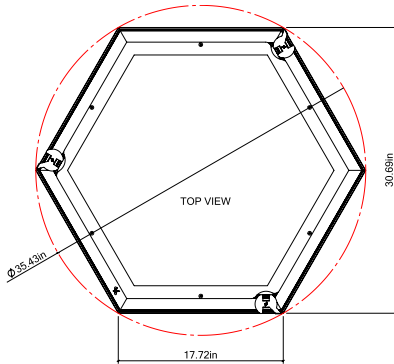
CROSS SECTION A-A
SCALE 1 : 2

Project:	Type:
Comments:	

■ ASH-D-35 (Pendant)

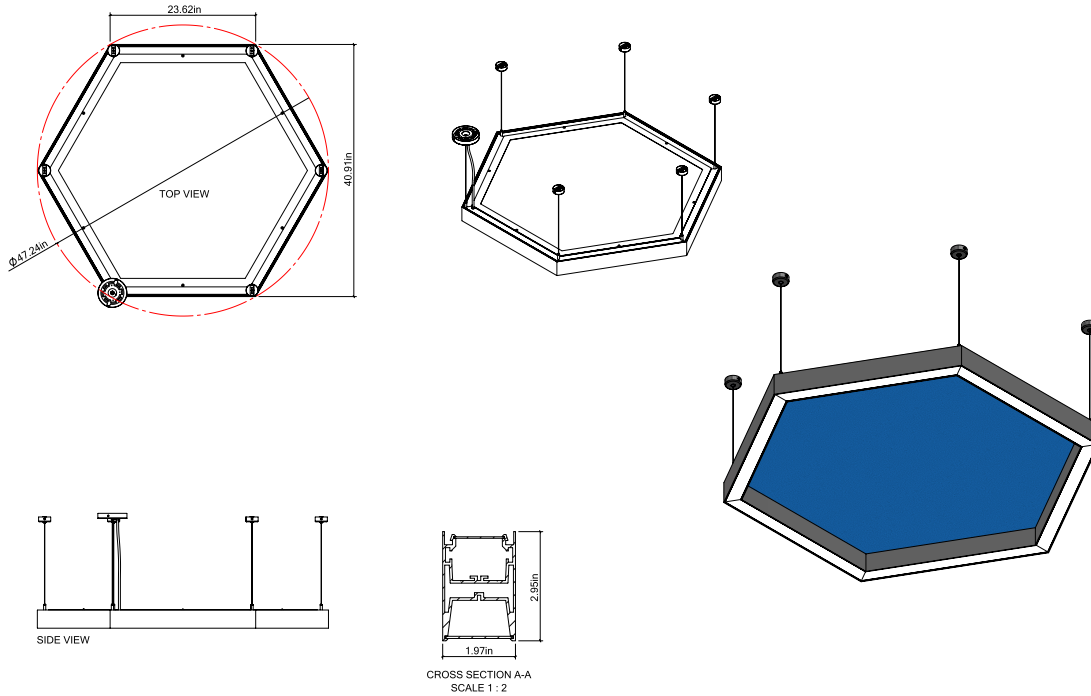


■ ASH-D-35 (Surface)

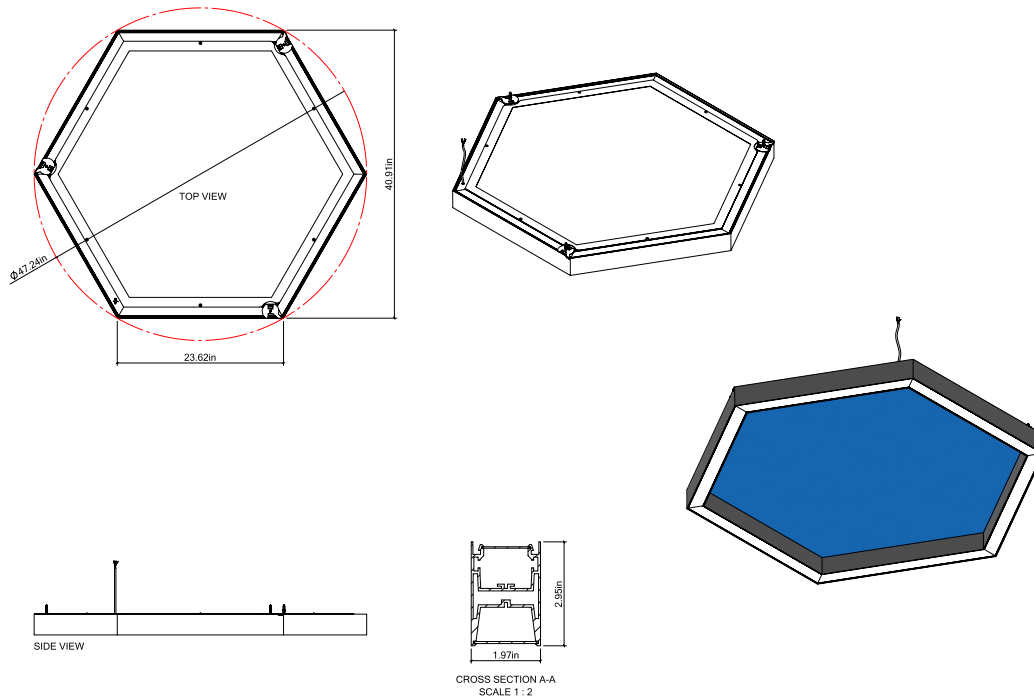


Project:	Type:
	Comments:

■ **ASH-D-47 (Pendant)**

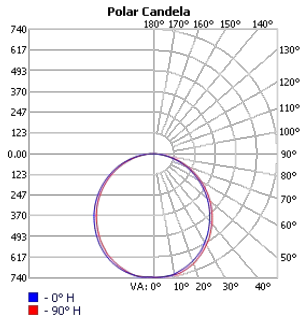


■ **ASH-D-47 (Surface)**

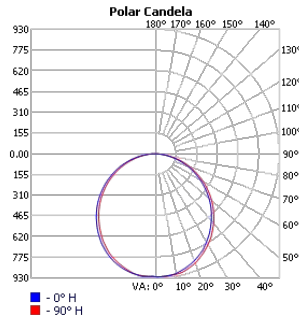


Project:	Type:
	Comments:

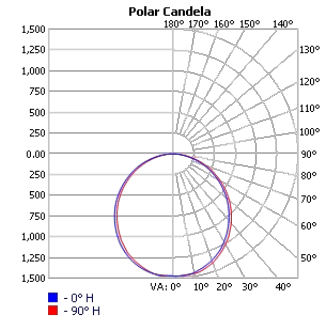
Photometrics



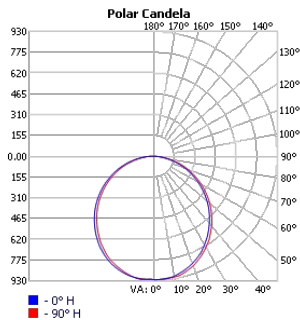
TECHOLED-ASH-D-18-LO-30



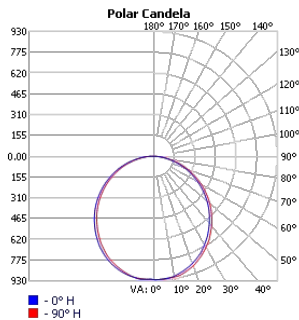
TECHOLED-ASH-D-18-ME-30



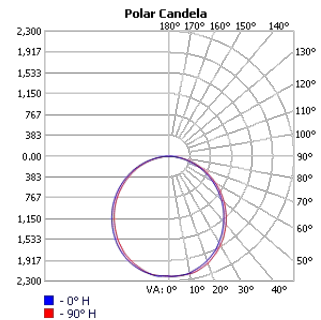
TECHOLED-ASH-D-18-HI-30



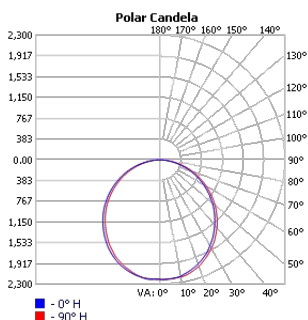
TECHOLED-ASH-D-23-LO-30



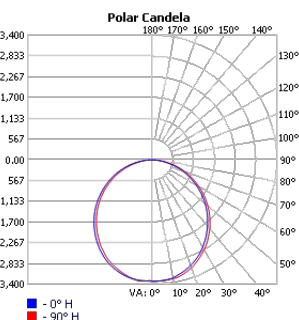
TECHOLED-ASH-D-23-ME-30



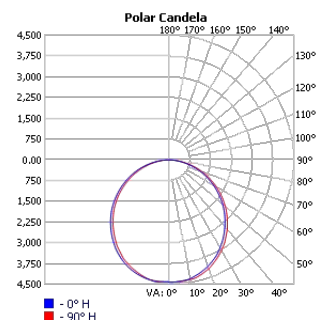
TECHOLED-ASH-D-23-HI-30



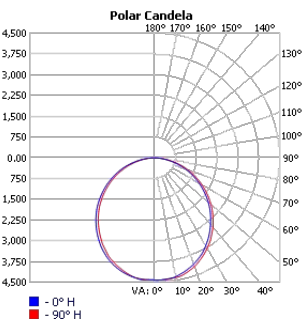
TECHOLED-ASH-D-35-LO-30



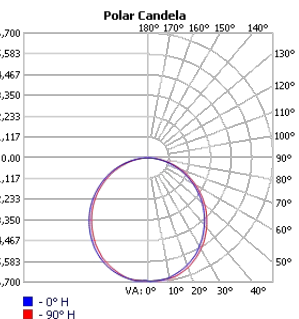
TECHOLED-ASH-D-35-ME-30



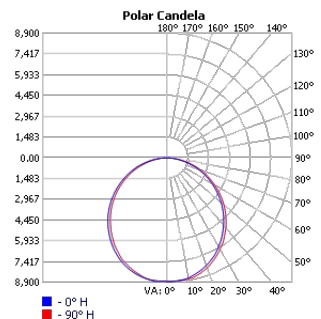
TECHOLED-ASH-D-35-HI-30



TECHOLED-ASH-D-47-LO-30



TECHOLED-ASH-D-47-ME-30

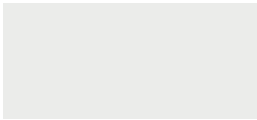


TECHOLED-ASH-D-47-HI-30

Project:	Type:
	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



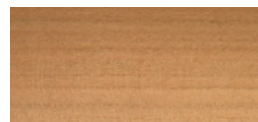
RAL 8029

Any RAL color available, please refer to ralcolorchart.com

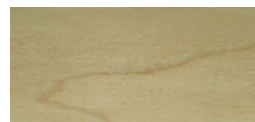
■ Custom Wooden Colors



American Walnut



Cherry



Maple



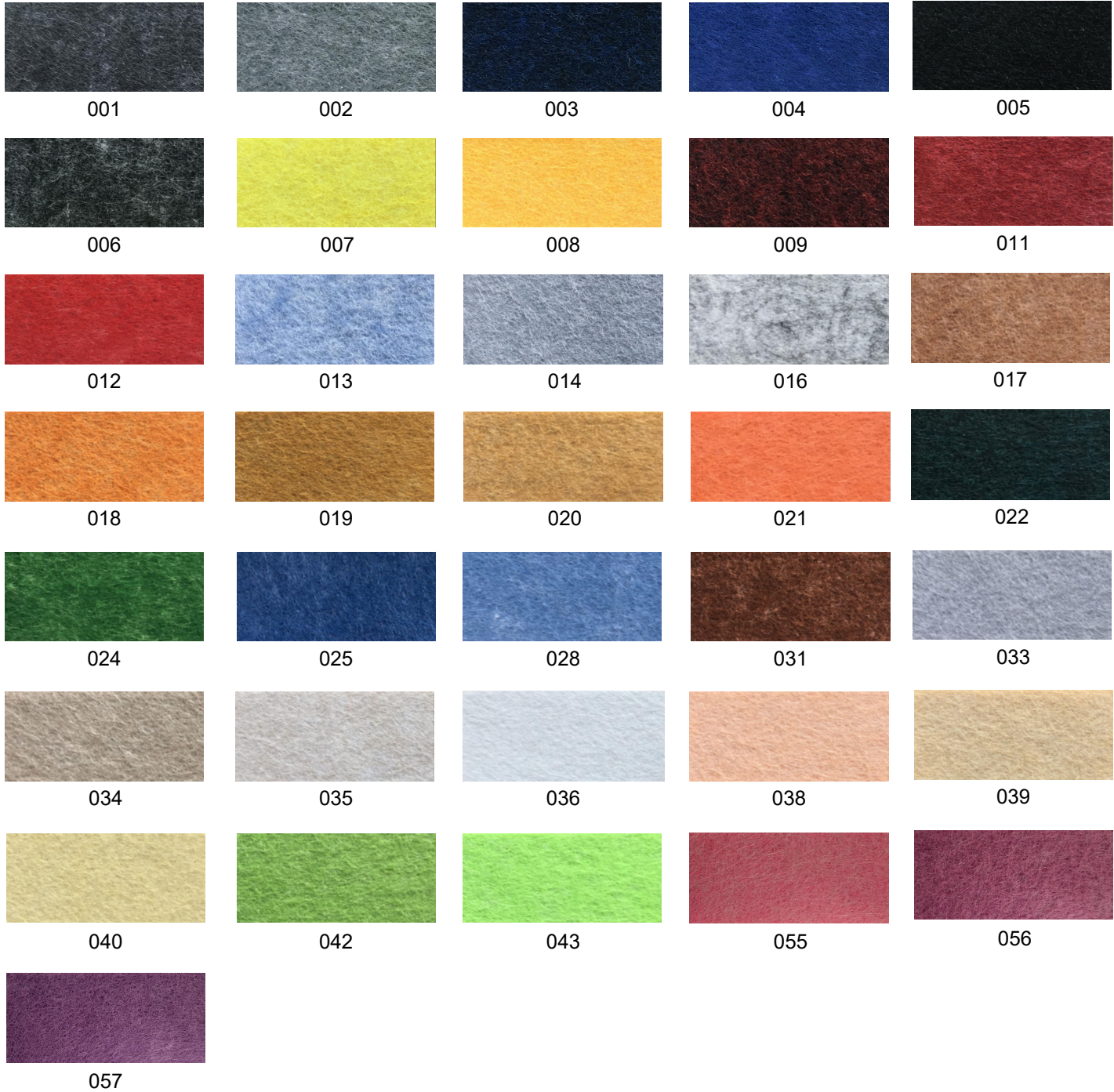
Light Oak



Palisander Santos

Project:	Type:
	Comments:

 **Acoustic color**



Project:	Type:
	Comments:

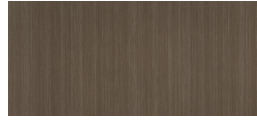
■ Acoustic faux wood texture



045



046



047



048



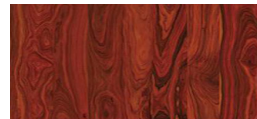
049



050



051



052



053



054