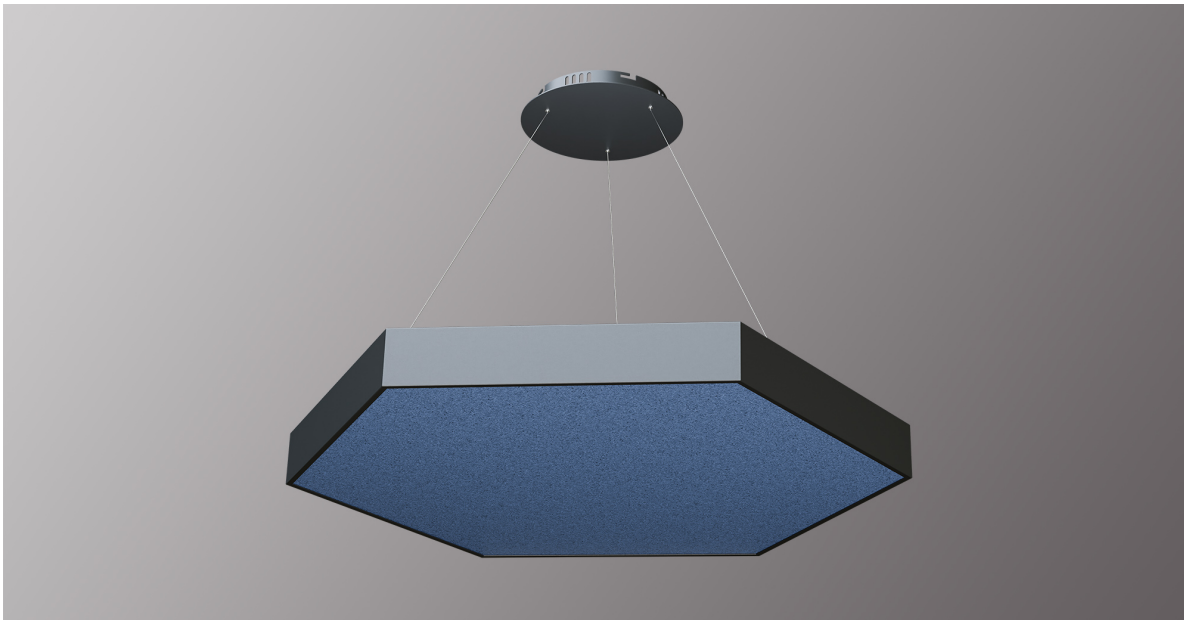


Project:	Type:
	Comments:



Highlights

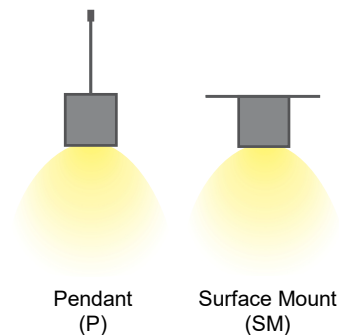
The TechoLED Acoustic Series provides an elegant and effective solution for reducing noise and reverberation in large, open spaces. Our luminaires are crafted from high-quality, rigid, acoustically rated materials, ensuring an easy-to-specify and install integrated solution. With a wide range of sizes, 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 available, 90CRI

Optical: Direct, Indirect and Direct/Indirect 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-ASHP-D-18-LO-30-U-W	Direct	18.9"x16.4"	Low	3000K	100-277V	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	
ASHP	Hexagon P	D	Direct	18	18.9"x16.4"	LO	Low
		ID	Indirect	23	23.6"x20.5"	ME	Medium
		DI	Direct/Indirect	35	35.4"x30.7"	HI	High
		X	None	47	47.2"x40.9"	X	None

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						
X	None						
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		
		DA	Dali	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:

Fixture ID Details

Code	Description
ASHP	Hexagon Panel

Lumen Output Details

Direct

Model #	Diameter	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-ASHP-D-18-LO-30	18.9"x16.4"	Low	3000K	20W	1700Lm
TECHOLED-ASHP-D-18-ME-30	18.9"x16.4"	Medium	3000K	25W	2125Lm
TECHOLED-ASHP-D-18-HI-30	18.9"x16.4"	High	3000K	40W	3400Lm
TECHOLED-ASHP-D-23-LO-30	23.6"x20.5"	Low	3000K	25W	2125Lm
TECHOLED-ASHP-D-23-ME-30	23.6"x20.5"	Medium	3000K	40W	3400Lm
TECHOLED-ASHP-D-23-HI-30	23.6"x20.5"	High	3000K	60W	5100Lm
TECHOLED-ASHP-D-35-LO-30	35.4"x30.7"	Low	3000K	60W	5100Lm
TECHOLED-ASHP-D-35-ME-30	35.4"x30.7"	Medium	3000K	90W	7650Lm
TECHOLED-ASHP-D-35-HI-30	35.4"x30.7"	High	3000K	120W	10200Lm
TECHOLED-ASHP-D-47-LO-30	47.2"x40.9"	Low	3000K	120W	10200Lm
TECHOLED-ASHP-D-47-ME-30	47.2"x40.9"	Medium	3000K	180W	15300Lm
TECHOLED-ASHP-D-47-HI-30	47.2"x40.9"	High	3000K	240W	20400Lm

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

Direct/Indirect

Model #	Diameter	Output	Color Temp.	Wattage	Down Lumen Out.	Up Lumen Out.
TECHOLED-ASHP-DI-18-LO-30	18.9"x16.4"	Low	3000K	40W	2380Lm	1020Lm
TECHOLED-ASHP-DI-18-ME-30	18.9"x16.4"	Medium	3000K	50W	2975Lm	1275Lm
TECHOLED-ASHP-DI-18-HI-30	18.9"x16.4"	High	3000K	80W	4760Lm	2040Lm
TECHOLED-ASHP-DI-23-LO-30	23.6"x20.5"	Low	3000K	50W	2975Lm	1275Lm
TECHOLED-ASHP-DI-23-ME-30	23.6"x20.5"	Medium	3000K	80W	4760Lm	2040Lm
TECHOLED-ASHP-DI-23-HI-30	23.6"x20.5"	High	3000K	120W	7140Lm	3060Lm
TECHOLED-ASHP-DI-35-LO-30	35.4"x30.7"	Low	3000K	80W	4760Lm	2040Lm
TECHOLED-ASHP-DI-35-ME-30	35.4"x30.7"	Medium	3000K	120W	7140Lm	3060Lm
TECHOLED-ASHP-DI-35-HI-30	35.4"x30.7"	High	3000K	180W	10710Lm	4590Lm
TECHOLED-ASHP-DI-47-LO-30	47.2"x40.9"	Low	3000K	180W	10710Lm	4590Lm
TECHOLED-ASHP-DI-47-ME-30	47.2"x40.9"	Medium	3000K	220W	13090Lm	5610Lm
TECHOLED-ASHP-DI-47-HI-30	47.2"x40.9"	High	3000K	240W	14280Lm	6120Lm

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

Project:	Type:
	Comments:

■ Indirect

Model #	Diameter	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-ASHP-ID-18-LO-30	18.9"x16.4"	Low	3000K	20W	1700Lm
TECHOLED-ASHP-ID-18-ME-30	18.9"x16.4"	Medium	3000K	25W	2125Lm
TECHOLED-ASHP-ID-18-HI-30	18.9"x16.4"	High	3000K	40W	3400Lm
TECHOLED-ASHP-ID-23-LO-30	23.6"x20.5"	Low	3000K	25W	2125Lm
TECHOLED-ASHP-ID-23-ME-30	23.6"x20.5"	Medium	3000K	40W	3400Lm
TECHOLED-ASHP-ID-23-HI-30	23.6"x20.5"	High	3000K	60W	5100Lm
TECHOLED-ASHP-ID-35-LO-30	35.4"x30.7"	Low	3000K	60W	5100Lm
TECHOLED-ASHP-ID-35-ME-30	35.4"x30.7"	Medium	3000K	90W	7650Lm
TECHOLED-ASHP-ID-35-HI-30	35.4"x30.7"	High	3000K	120W	10200Lm
TECHOLED-ASHP-ID-47-LO-30	47.2"x40.9"	Low	3000K	120W	10200Lm
TECHOLED-ASHP-ID-47-ME-30	47.2"x40.9"	Medium	3000K	180W	15300Lm
TECHOLED-ASHP-ID-47-HI-30	47.2"x40.9"	High	3000K	240W	20400Lm

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

■ Performance

Output	Lumens / W
Low	85
Medium	85
High	85

Project:	Type:
	Comments:

Driver Option Details

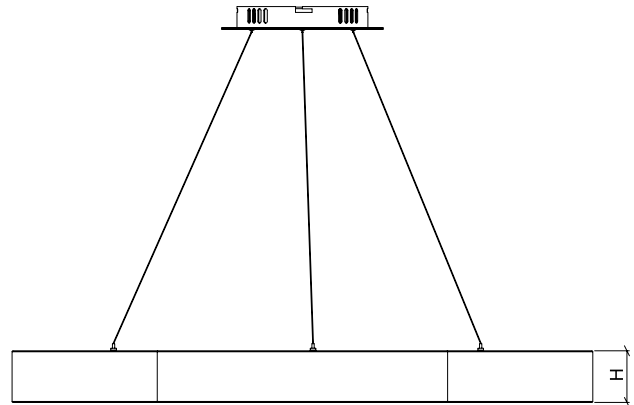
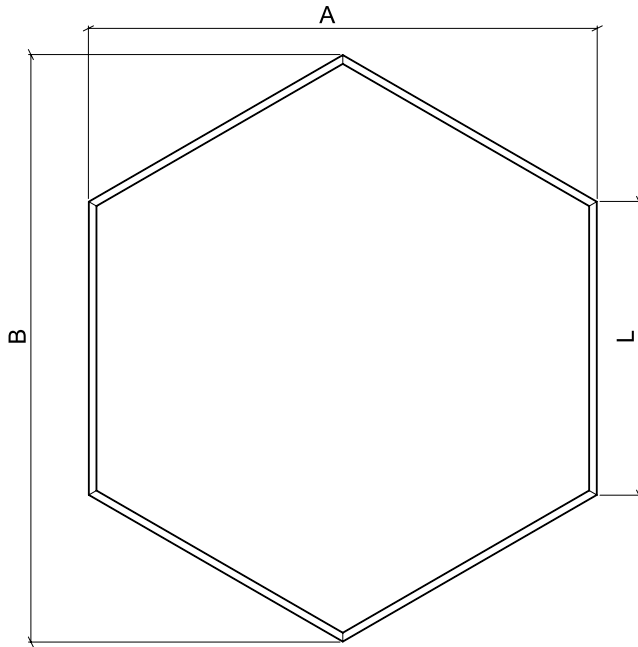
Code	Description
LT1	LDE1 -Lutron Hi-lume 1% EcoSystem, Soft-on, Fade-to Black Dimming
DA	DALI
DMX	DMX - Decoder provided by TechoLED, controller by others

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:

Dimensions and Mounting

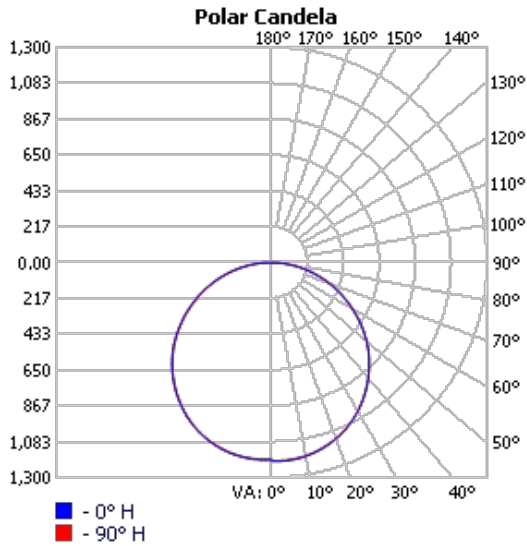


FIXTURE ID	A	B	L	H
ASHP-D-18-25	16.4"	18.9"	9.45"	3"
ASHP-D 23-40	20.5"	23.6"	11.8"	3"
ASHP-D-35-90	30.7"	35.4"	17.7"	3"
ASHP-D-47-180	40.9"	47.2"	23.6"	3"

Project:	Type:
	Comments:

Photometrics

Direct



Project:	Type:
	Comments:

Examples



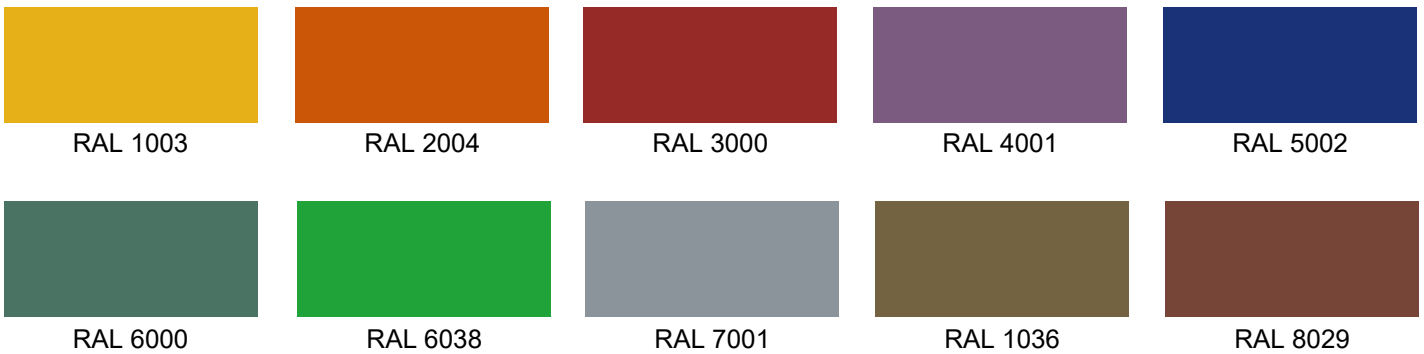
Project:	Type:
	Comments:

Finish Details (powder coat finish)

■ Standard Colors

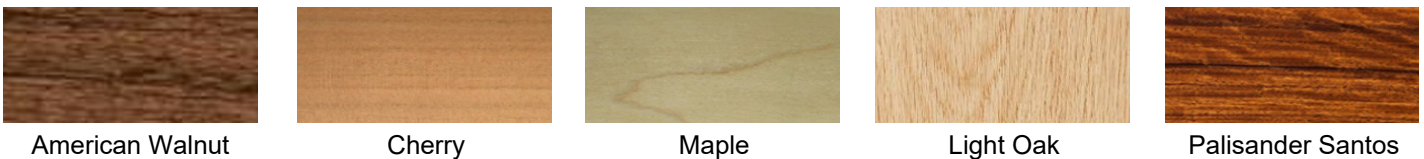


■ Custom Colors



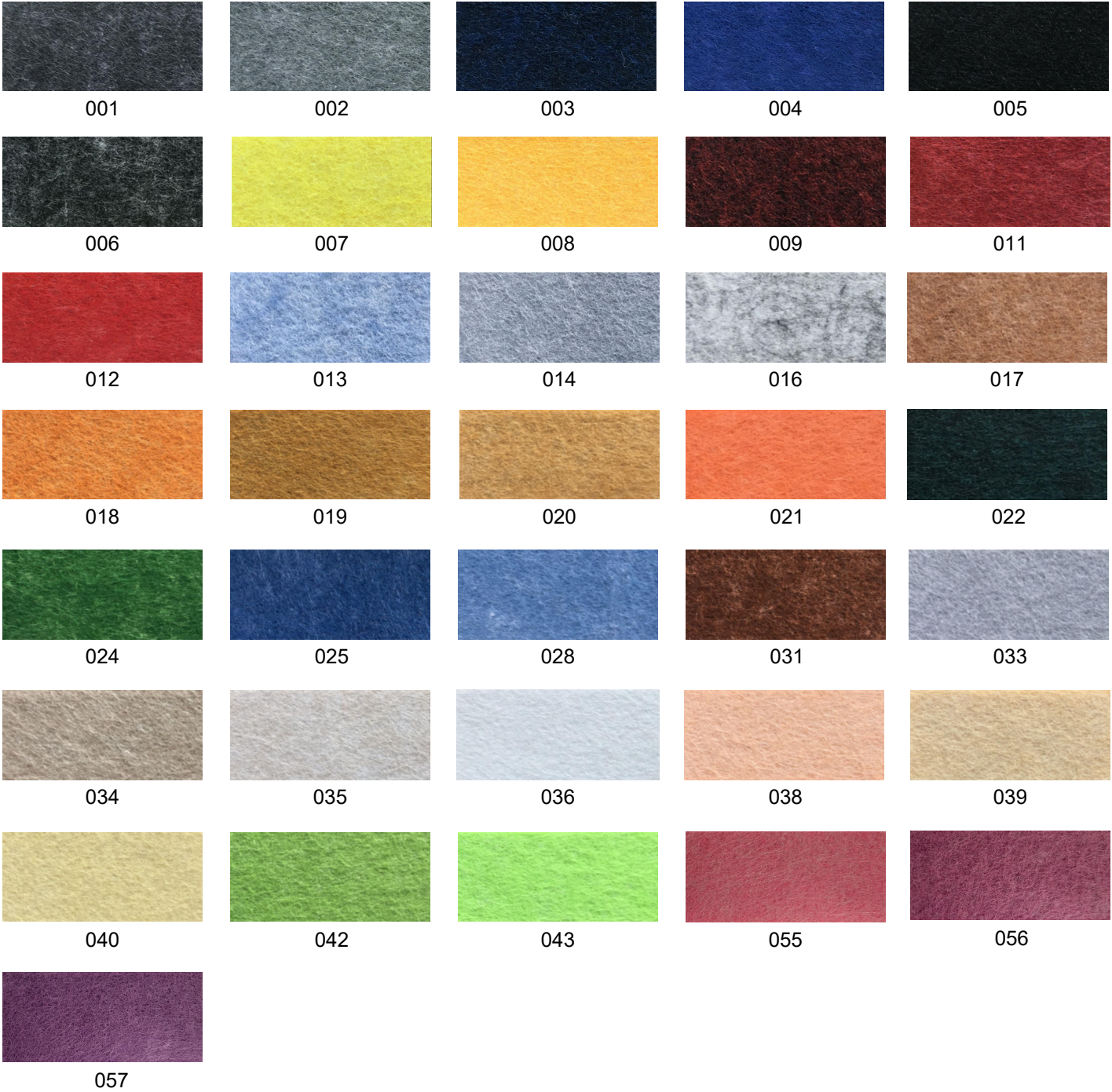
Any RAL color available, please refer to ralcolorchart.com

■ Custom Wooden Colors



Project:	Type:
	Comments:

 **Acoustic color**



Project:	Type:
	Comments:

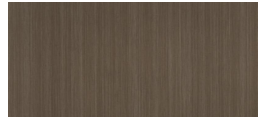
■ Acoustic faux wood texture



045



046



047



048



049



050



051



052



053



054