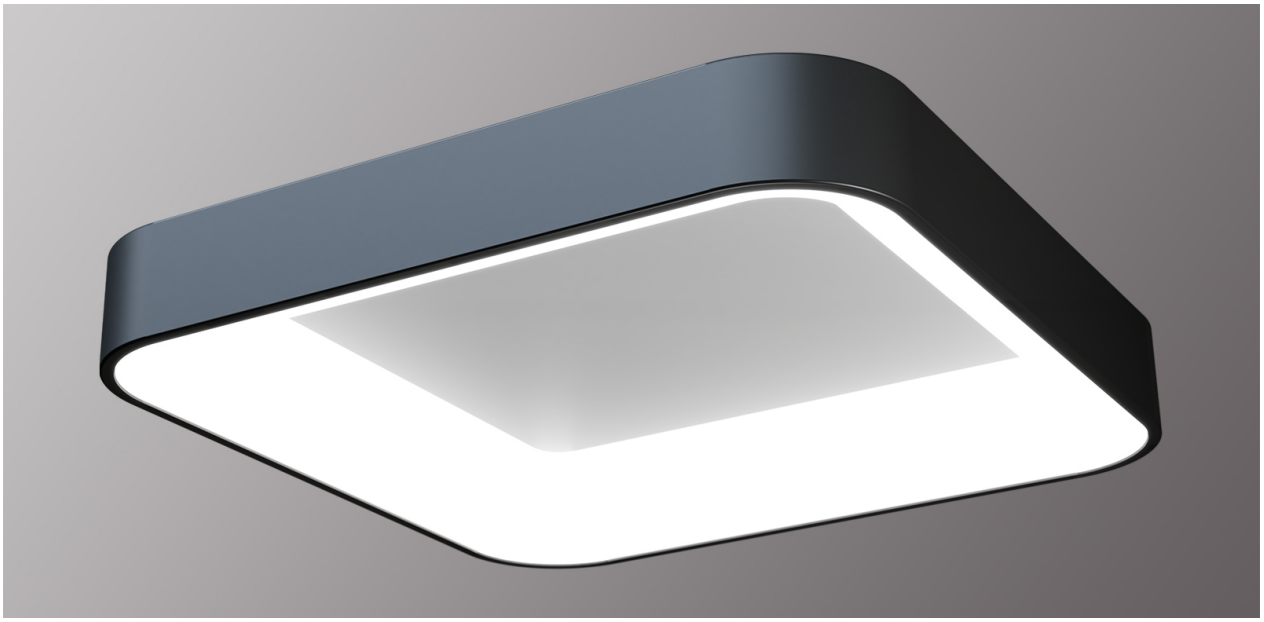
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ACOUSTIC SERIES - ASR

Rev. Date: 11/25/2026

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.

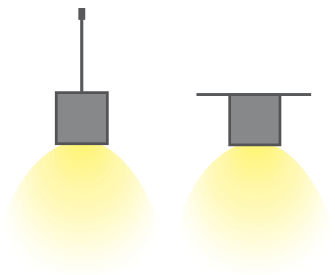
LED: Samsung LED chips, 2700-5000K, tunable white and RGB/W, 90CRI

Optical: Direct illumination, 152° Beam Angle

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

5-year limited warranty

Installation



Pendant (P)

Surface Mount (SM)

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ACOUSTIC SERIES - ASR

Rev. Date: 11/25/2026

Project:	Type:
	Comments:

Configuration Example

Model #	Distribution	Size	Lumen Output	Color Temp.	Voltage	Color
TECHOLED-ASR-D-14-LO-30-U-W	Direct	14.2"x14.2"	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	
ASR	Soft Square	D	Direct	14	14.2"x14.2"	LO	Low
				17	17.7"x17.7"	ME	Medium
				23	23.6"x23.6"	HI	High
				31	31.5"x31.5"		
5-COLOR TEMP.		**6-VOLTAGE**		**7-FINISH**		**8-ACOUSTIC FELT FINISH**	
27	2700K	U	120-277V	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		
		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		

Project:	Type:
	Comments:

Lumen Output Details

Model #	Size	Output	Color Temp.	Wattage	Lumen Output
TECHOLED-ASR-D-14-LO-30	14.2"x14.2"	Low	3000K	18W	1260Lm
TECHOLED-ASR-D-14-ME-30	14.2"x14.2"	Medium	3000K	18W	1260Lm
TECHOLED-ASR-D-14-HI-30	14.2"x14.2"	High	3000K	25W	1750Lm
TECHOLED-ASR-D-17-LO-30	17.7"x17.7"	Low	3000K	20W	1400Lm
TECHOLED-ASR-D-17-ME-30	17.7"x17.7"	Medium	3000K	25W	1750Lm
TECHOLED-ASR-D-17-HI-30	17.7"x17.7"	High	3000K	30W	2100Lm
TECHOLED-ASR-D-23-LO-30	23.6"x23.6"	Low	3000K	25W	1750Lm
TECHOLED-ASR-D-23-ME-30	23.6"x23.6"	Medium	3000K	36W	2520Lm
TECHOLED-ASR-D-23-HI-30	23.6"x23.6"	High	3000K	50W	3500Lm
TECHOLED-ASR-D-31-LO-30	31.5"x31.5"	Low	3000K	40W	2800Lm
TECHOLED-ASR-D-31-ME-30	31.5"x31.5"	Medium	3000K	50W	3500Lm
TECHOLED-ASR-D-31-HI-30	31.5"x31.5"	High	3000K	60W	4200Lm

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

Performance

Output	Lumens / W
Low	70
Medium	70
High	70

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

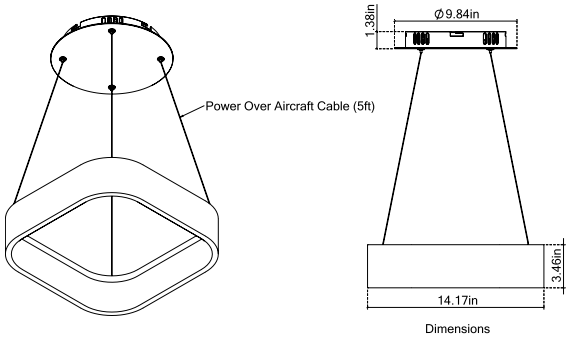
Controls Details

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

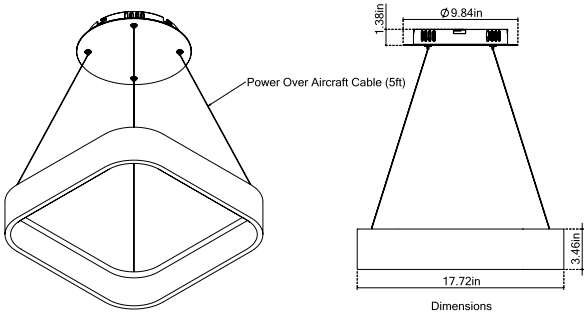
Project:	Type:
	Comments:

Dimension and Mounting (Pendant)

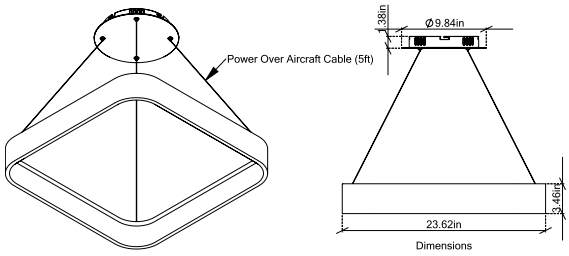
TECHOLED-ASR-D-14-15



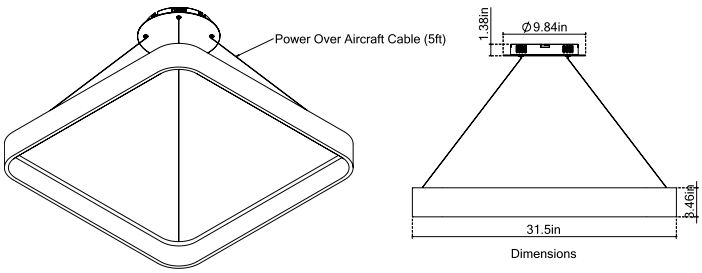
TECHOLED-ASR-D-17-25



TECHOLED-ASR-D-23-15



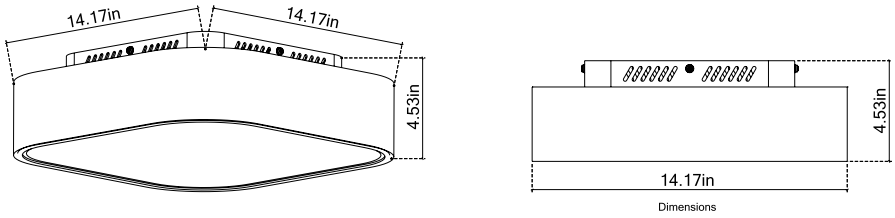
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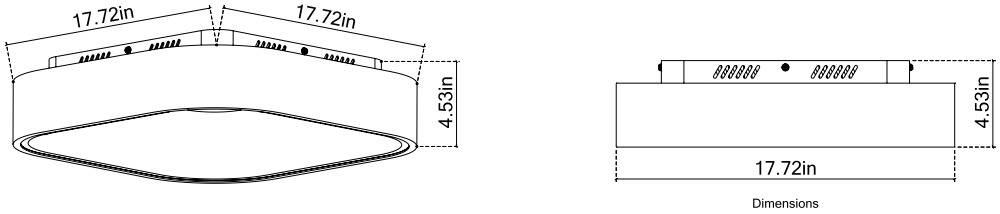
Project:	Type:
	Comments:

Dimension and Mounting (Surface Mount)

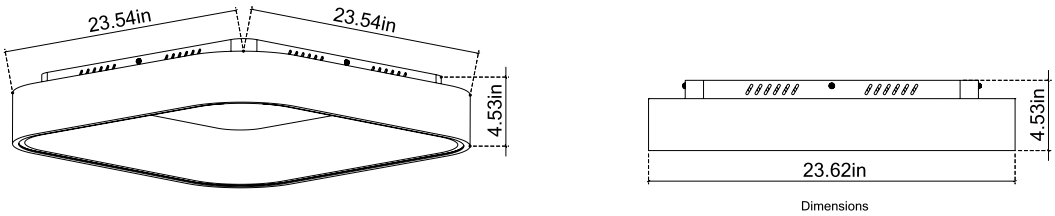
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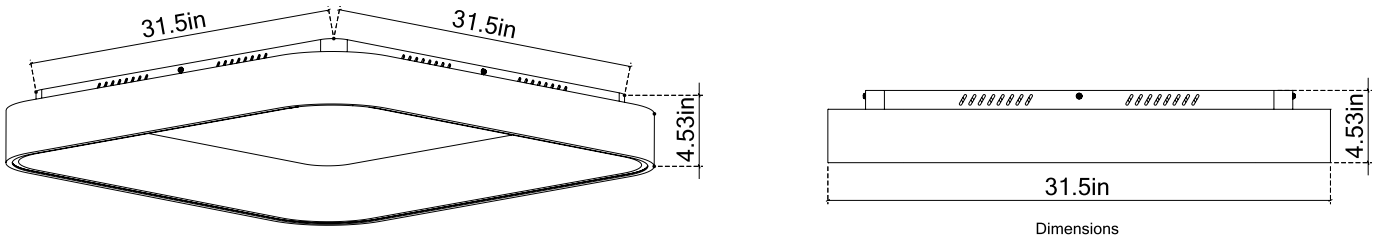
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TECHOLED-ASR-D-23-15

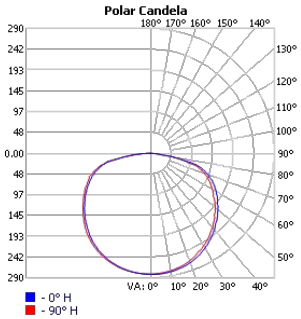


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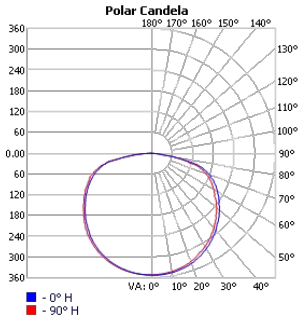


Project:	Type:
	Comments:

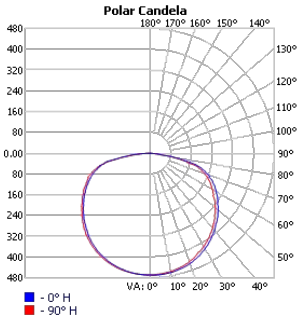
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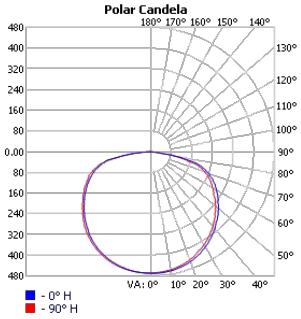
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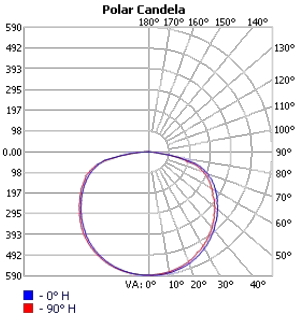
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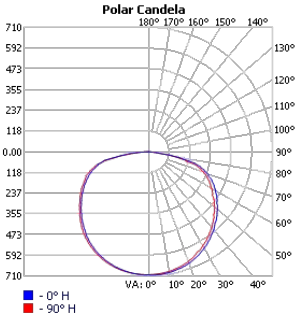
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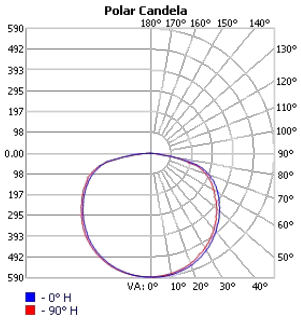
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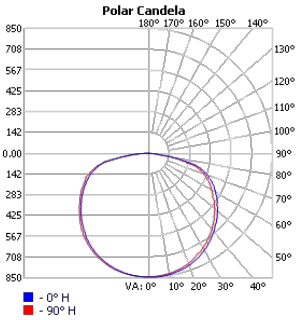
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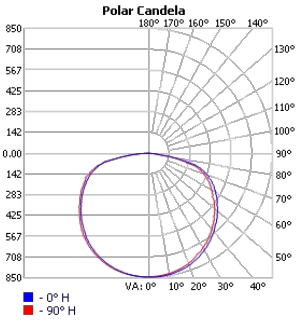
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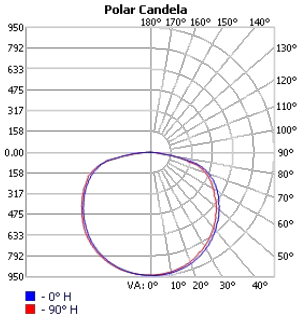
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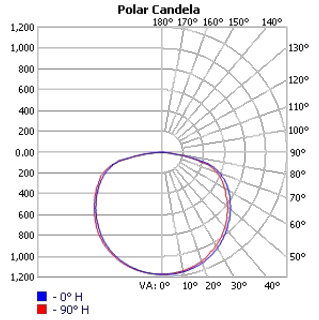
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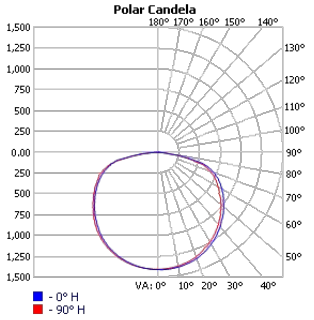
TECHOLED-ASR-D-23-HI-30



TECHOLED-ASR-D-31-LO-30



TECHOLED-ASR-D-31-ME-30



TECHOLED-ASR-D-31-HI-30

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Rev. Date: 11/25/2026

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

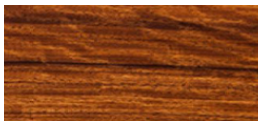
Custom Wooden Colors


American Walnut


Cherry


Maple


Light Oak


Palisander Santos

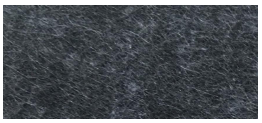
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Rev. Date: 11/25/2026

Project:	Type:
	Comments:

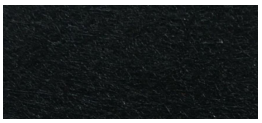
Acoustic color

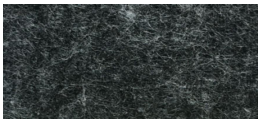

001


002


003


004

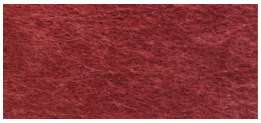

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008

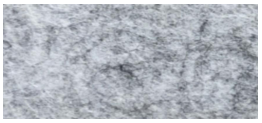

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016

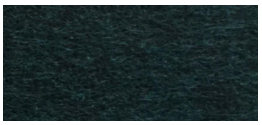

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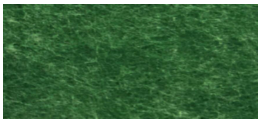

018


019


020

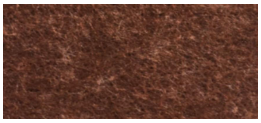

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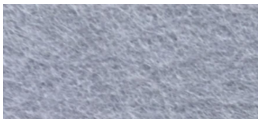

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031


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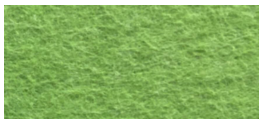

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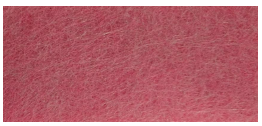

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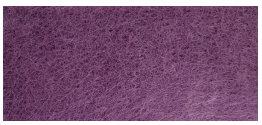

040


042


043


055


056


057

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ACOUSTIC SERIES - ASR

Rev. Date: 11/25/2026

Project:	Type:
	Comments:

Acoustic faux wood texture


045


046


047


048


049


050


051


052


053


054