

kendila

SERENE

Acoustic Series

Datasheet. V00

Architectural Collection

www.kendila.com

Project:
Specifier:

Type:
Date:



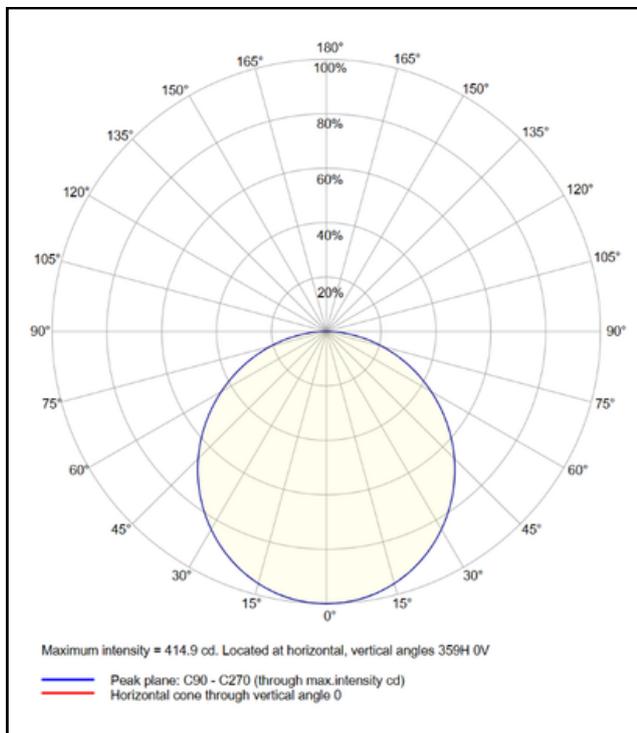
KEY FEATURES

- Integrated PET felt acoustic panels
- High-efficiency LED light engine
- Multiple shapes and sizes available
- 100+ felt finish options
- Precision aluminum suspension system

OPTIONAL SPECIFICATIONS

- Phase / 0–10V dimming
- Custom lumen package
- Custom canopy and stem finish
- Adjustable suspension length
- Custom dimensions / configurations

OPTICAL DISTRIBUTION



Photometric data shown is based on **Shape A, Small size, integrated LED light engine, 12W, 3000K, 90CRI.**

MECHANICAL

Construction

- PET felt housing (9mm / 12mm)
- Internal steel/aluminum frame
- Rigid, deformation-resistant structure

Housing

- Precision-cut curved panels
- Seamless assembly
- Concealed internal support

Finish

- PET felt finishes (see chart)
- Hardware: Matte White / Black
- Custom finishes available

Suspension

- Adjustable cables (6 ft standard)
- Field-adjustable leveling
- Single or multi-point suspension
- Secure cable locking system

Mounting

- Pendant, ceiling-mounted
- 4" junction box compatible
- Hardware included

Canopy

- Steel canopy
- Integral or remote driver
- Matte White / Black finish

Environment

- -20°C to +40°C
- Indoor dry location use

IP Rating

- IP20 (dry location)

Tolerance

- ±5 mm
- Natural felt variation



ELECTRICAL

Input Voltage

- 120–277 VAC
- 50/60 Hz

Power

- LED: 12W / 24W / 36W
- STA: Lamp-dependent

Driver

- LED: Integral or remote
- STA: Not required

Dimming

- LED: 0–10V
- STA: Phase dimming
- Dimming type varies by configuration

Power Quality

- Power factor ≥ 0.90
- THD $< 20\%$

Flicker

- Low flicker output ($< 5\%$ typical)

Protection

- Overload and short-circuit protection
- Thermal protection

LIGHTING

Distribution

- Direct diffuse distribution
- Wide beam distribution

Lumen Output

- 12W \rightarrow ~1200 lm
- 24W \rightarrow ~2400 lm
- 36W \rightarrow ~3600 lm
- STA: Lamp-dependent (E26)

Efficacy

- Up to 100 lm/W (system)
- Performance tolerance $\pm 10\%$

Light Source

- LED: Integrated LED (SMD or COB)
- STA: Tubular LED bulb, E26 base

CCT

- 2700K / 3000K / 3500K / 4000K

CRI

- 80+ / 90+
- R9 > 50 (90 CRI)

Optics

- Frosted polycarbonate diffuser
- Homogeneous light output

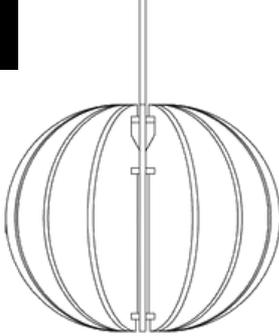
MATERIAL SPECIFICATIONS

- **Color Fastness to Light** : ISO 105-B02-1994 Rating: 6-7
- **Fire Test** : ASTM E-84-14 (Class A Flame Spread Rating (FSI ≤ 25 , SDI ≤ 450))
- **Environmental** : PET GreenTag Certification / GreenRate: Level A
- **Thermal Transition** : ASTM C518-2010. R- Value = 0.30 m²K/W
- **Sound Absorption** : Noise Reduction Coefficient (NRC): 0.85
- **VOC Emissions** : ASTM D5116 Rate: < 0.01 mg/m²/hr (7 days)



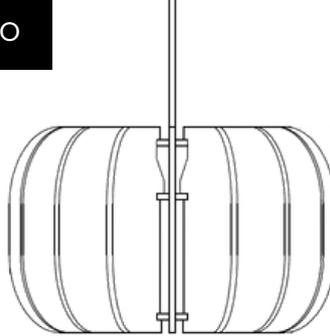
AVAILABLE SHAPES

S



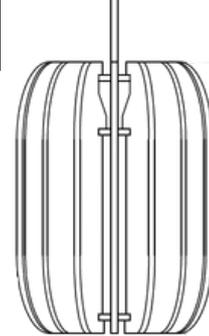
- $\varnothing 18''$ ($\varnothing 458$ mm)
- $\varnothing 24''$ ($\varnothing 610$ mm)
- $\varnothing 30''$ ($\varnothing 762$ mm)
- **And any custom size!**

O



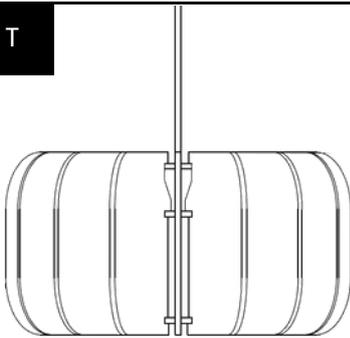
- $\varnothing 20'' \times 12''$ H ($\varnothing 508 \times 305$ mm)
- $\varnothing 26'' \times 14''$ H ($\varnothing 660 \times 356$ mm)
- $\varnothing 32'' \times 18''$ H ($\varnothing 813 \times 457$ mm)
- **And any custom size!**

F



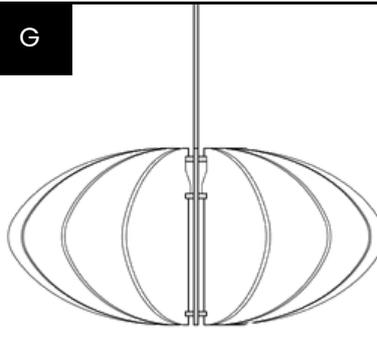
- $\varnothing 12'' \times 16''$ H ($\varnothing 305 \times 406$ mm)
- $\varnothing 18'' \times 24''$ H ($\varnothing 457 \times 610$ mm)
- $\varnothing 24'' \times 30''$ H ($\varnothing 610 \times 762$ mm)
- **And any custom panel shape!**

T



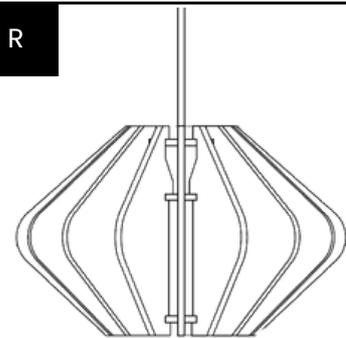
- $\varnothing 12'' \times 24''$ H ($\varnothing 305 \times 610$ mm)
- $\varnothing 16'' \times 32''$ H ($\varnothing 406 \times 813$ mm)
- $\varnothing 20'' \times 40''$ H ($\varnothing 508 \times 1016$ mm)
- **And any custom size!**

G



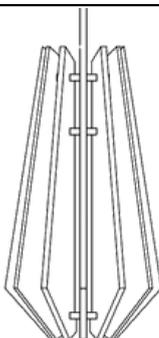
- $\varnothing 12'' \times 24''$ H ($\varnothing 305 \times 610$ mm)
- $\varnothing 16'' \times 32''$ H ($\varnothing 406 \times 813$ mm)
- $\varnothing 20'' \times 40''$ H ($\varnothing 508 \times 1016$ mm)
- **And any custom size!**

R



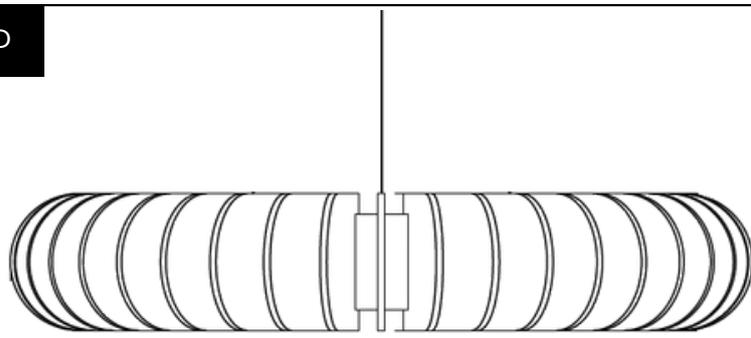
- $\varnothing 20'' \times 12''$ H ($\varnothing 508 \times 305$ mm)
- $\varnothing 26'' \times 16''$ H ($\varnothing 660 \times 406$ mm)
- $\varnothing 32'' \times 20''$ H ($\varnothing 813 \times 508$ mm)
- **And any custom panel shape!**

I



- $\varnothing 10'' \times 18''$ H ($\varnothing 254 \times 457$ mm)
- $\varnothing 12'' \times 23''$ H ($\varnothing 305 \times 584$ mm)
- $\varnothing 14'' \times 26''$ H ($\varnothing 356 \times 660$ mm)
- **And any custom size!**

D



- $\varnothing 20'' \times 8''$ H ($\varnothing 508 \times 203$ mm)
- $\varnothing 30'' \times 8''$ H ($\varnothing 762 \times 203$ mm)
- $\varnothing 40'' \times 8''$ H ($\varnothing 1016 \times 203$ mm)
- **And any custom size!**



DESIGNER FELT FINISHES



[Additional finishes available](#)



HOW TO SPECIFY

ARC	ASR					
Collection	Product	Shape	Dimension	Felt Finish	Light Engine	CCT & CRI

ARC Architectural	ASR Serene	S Shape S	S Small	KP-XX Felt Finish Code	STA Tubular LED Bulb	27KS 2700K/80CRI
		O Shape O	M Medium		LED LED Light Engine	30KS 3000K/80CRI
		F Shape F	L Large			35KS 3500K/80CRI
		T Shape T	C Custom Custom Shape Custom Diameter & Height			40KS 4000K/80CRI
		G Shape G				Replace S with H for 90CRI
		R Shape R				
		I Shape I				
		D Shape D				

- Please specify if 0-10V 1% dimming is required, Remote driver (Extra \$)
- Canopy will always be supplied in Matt White or Matt Black unless specified otherwise.
- Suspension cable can be supplied in White, Black or Braided Marble grey finish.

TERMS & NOTICE

Kendila reserves the right to change the specification, material and colors at any time without notice. Standard warranty terms and conditions apply.

All dimensions and values on specification sheet are nominal.

- K-SSV00-ARC-SERENE-EN : March 2026

COMPLIANCE & WARRANTY

