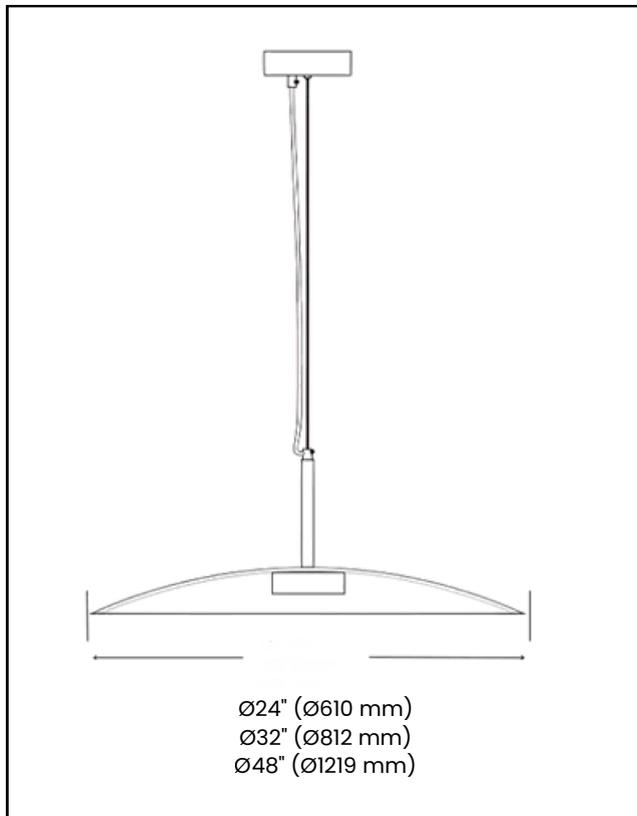# kendila

KALM

Acoustic Series

Datasheet. V00

KEY FEATURES

- Integrated PET felt dual-layer construction
- High-efficiency LED light engine
- Multiple sizes available
- 100+ felt finish options
- Robust suspension system

OPTIONAL SPECIFICATIONS

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

OVERALL DIMENSIONS

Ø24" (Ø610 mm)
Ø32" (Ø812 mm)
Ø48" (Ø1219 mm)

MECHANICAL

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

Housing
- Precision-cut dual layer body
- 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
- -20ºC to +40ºC
- Suitable for dry indoor locations

IP Rating
- IP20 (dry location)

Tolerance
- ±5 mm
- Natural felt variation

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ELECTRICAL

Input Voltage
- 120–277 VAC
- 50/60 Hz

Power
- 8W / 12W / 18W

Driver
- Integral (remote - optional)

Dimming
- 0–10V Down to 10% (Optional)
- Dimming type varies by configuration

Power Quality
- Power factor ≥0.90
- THD <20%

Flicker
- Low flicker (<5% typical)

Protection
- Overload and short-circuit protection
- Thermal protection

LIGHTING

Distribution
- Direct diffuse distribution
- Wide beam (~120°)

Lumen Output
- 8W → ~800 lm
- 12W → ~1200 lm
- 18W → ~1800 lm

Efficacy
- Up to 100 lm/W (system)
- Performance tolerance ±10%

Light Source
- Integrated LED (SMD or COB)

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)

DESIGNER FELT FINISHES

KP-01-Light Yellow	KP-06-Dark Caramel	KP-07-Opera	KP-04-Pure White	KP-107-Lilac
KP-50-Iceland Poppy	KP-02-Citrus	KP-49-Senado	KP-18-Tomato Puree	KP-17-Apple Red
KP-100-Flamingo	KP-77-Mulberry	KP-19-Purple	KP-48-Violet	KP-03-Orange Tiger
KP-75-Golden	KP-08-Red Coffee	KP-31-Acros	KP-55-Sharp	KP-68-Grass Green
KP-14-Green Flash	KP-13-Greenery	KP-63-Sky Bleu	KP-33-Regatta	KP-16-Pageant Blue
KP-65-Gem	KP-64-Sargazo	KP-30-Brown	KP-91-Bronze	KP-84-Orion

Additional finishes available

ARC	AKA			
Collection	Product	Size	Felt Finish	CCT & CRI

ARC Architectural	**AKA** Kalm	**24** 24" Diameter	**KP-XX** Felt Finish Code	**27KS** 2700K/80CRI
		36 36" Diameter		**30KS** 3000K/80CRI
		48 48" Diameter		**35KS** 3500K/80CRI
				40KS 4000K/80CRI
				Replace S with H for 90CRI

- 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-KALM-EN : March 2026

COMPLIANCE & WARRANTY

FLAME RETARDANT · EO HCHO · FlickerFree · 5 YEARS WARRANTY

cETLus INTERTEK · PET 1 · (RCM)

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