

kendila

# UMBER

Acoustic Series

**Datasheet. V03**

Architectural Collection

[www.kendila.com](http://www.kendila.com)

Project: .....  
Specifier: .....

Type: .....  
Date: .....



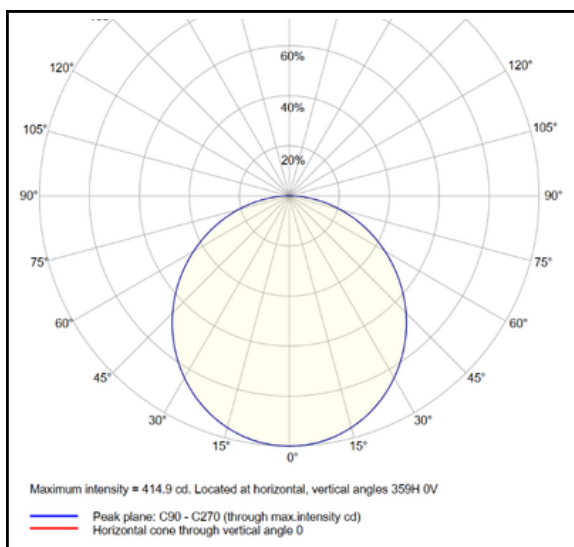
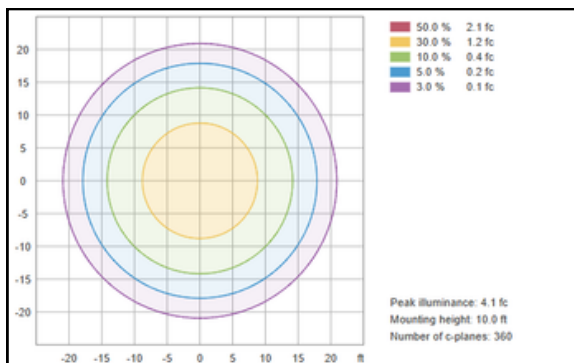
### KEY FEATURES

- Highly effective noise absorption
- High-efficiency LED light engine
- Available in 2 sizes for varied applications
- 30+ felt finish options
- Customizable stem height (**LED Version**)

### OPTIONAL SPECIFICATIONS

- Phase / 0-10V dimming
- Custom lumen package
- Custom canopy and housing finish
- Adjustable suspension length

### ISO INTENSITY DIAGRAM



### MECHANICAL

#### Construction

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

#### Housing

- Precision molded dome
- Pre-assembled fixture
- 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
- Secure cable locking system

#### Mounting

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

#### Canopy

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

#### Environment

- -20°C to +40°C
- For indoor dry locations only

#### IP Rating

- IP20 (dry location)

#### Tolerance

- ±5 mm
- Natural felt variation



## ELECTRICAL

### Input Voltage

- 120–277 VAC
- 50/60 Hz

### Power

- LED: 12W / 16W
- STA: Lamp-dependent

### Driver

- LED: Integral driver (remote driver optional)
- STA: Not required

### Dimming

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

### Power Quality

- Power factor  $\geq 0.90$
- THD  $< 20\%$

### Flicker

- Flicker:  $< 5\%$  (IEEE 1789 compliant)

### Protection

- Overload and short-circuit protection
- Thermal protection

## LIGHTING

### Distribution

- Direct diffuse distribution
- Wide beam distribution

### Lumen Output

- 12W  $\rightarrow$  ~1200 lm
- 16W  $\rightarrow$  ~1600 lm
- Custom Power & Output Available
- STA: Lamp-dependent (E26)

### Efficacy

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

### Light Source

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

### CCT

- 2700K / 3000K / 3500K / 4000K / 5000K

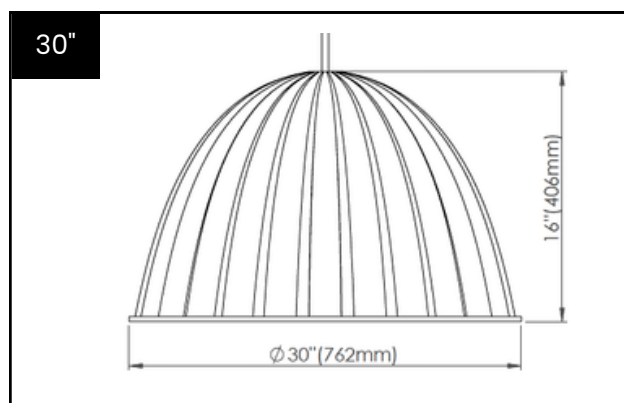
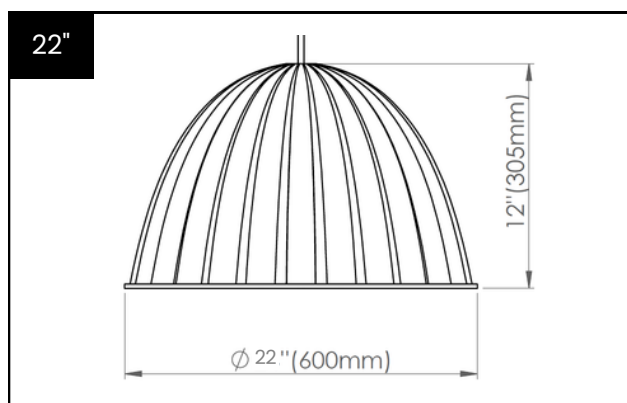
### CRI

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

### Optics

- Frosted polycarbonate diffuser
- Homogeneous light output

## OVERALL DIMENSIONS





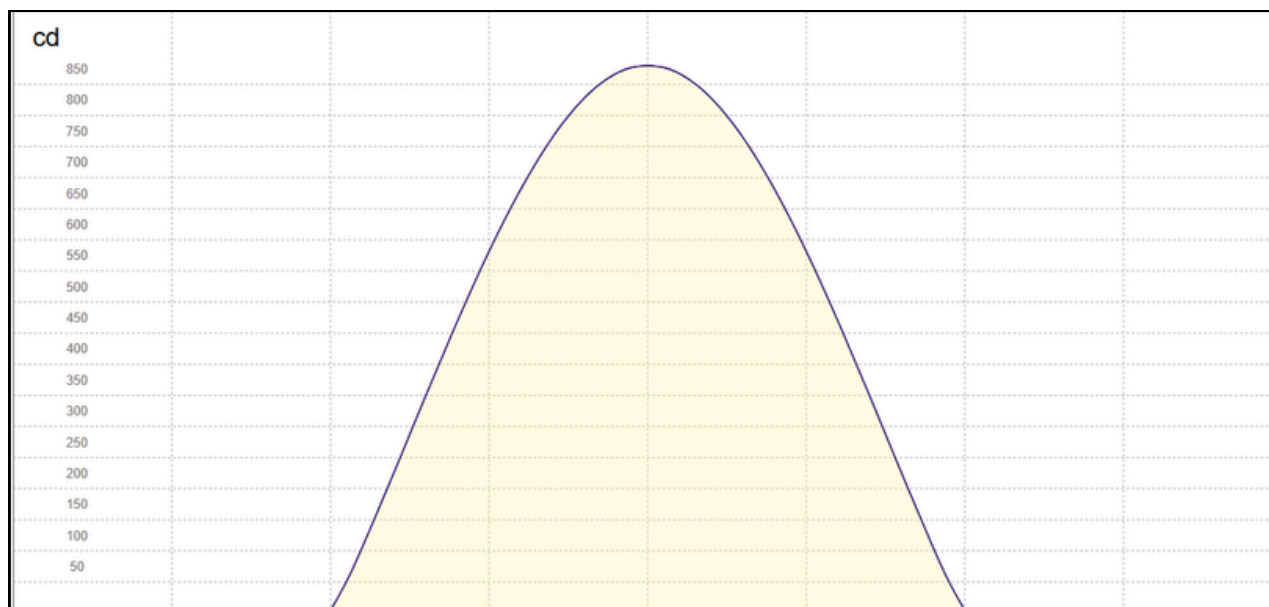
## ACOUSTIC PROPERTIES

- AS ISO 354-2006 (R2016) : Measures sound absorption in a reverberation room
- AS ISO 11654-2002 : Rating of sound absorption—Materials and systems
- ASTM C423-17 : Standard Test Method for Sound Absorption Coefficients
- ASTM E795-16 : Practices for Mounting Test Specimens During SA Tests
- ISO 20189 : Screens, furniture and single objects intended for interior use

## MATERIAL SPECIFICATIONS

- Color Fastness to Light : ISO 105-B02-1994 Rating: 6-7
- Fire Test : ASTM E-84-14 (Class A, FSI:20 - SDI:450)
- Environmental : PET GreenTag Certification / GreenRate: Level A
- Thermal Transition : ASTM C518-10 – R-value: 0.30 m<sup>2</sup>·K/W
- Sound Absorption : Noise reduction coefficient (NRC) = 0.85
- VOC Emissions : ASTM D5116 Rate: < 0.01 mg/m<sup>2</sup>·h (7 days)

## LINEAR INTENSITY DISTRIBUTION





## DESIGNER FELT FINISHES



and MORE!!



## HOW TO SPECIFY

<b>ARC</b>	<b>AUM</b>				
Collection	Product	Size / Diameter	Felt Finish Code	Light Engine	CCT & CRI

<b>ARC</b> Architectural	<b>AUM</b> Umber	<b>22</b> 22" Diameter	<b>XXX</b> Finish Name	<b>STD</b> E26 LED Bulb	<b>27KS</b> 2700K/80CRI
		<b>30</b> 30" Diameter		<b>LED</b> COB LED Light	<b>30KS</b> 3000K/80CRI
					<b>35KS</b> 3500K/80CRI
					<b>40KS</b> 4000K/80CRI
					<b>50KS</b> 5000K/80CRI

Replace S with H for 90CRI

- Please specify if 0-10V 10% dimming is required, Remote driver (Extra \$)
- Canopy will always be supplied in Matt White or Black unless specified otherwise.
- Suspension cable can be supplied in White 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-SSV02-ARC-UMBER-EN : March 2026

## COMPLIANCE & WARRANTY

