ACOUSTIC DRUM

SPECIFICATIONS

CONSTRUCTION:
Lightweight acrylic frames clad in 4.5mm felt. TGIC-free white powder coated lid, canopy and dress plate.

SHADES:
4.5mm thick PET felt manufactured with 50% post-consumer recycled content. Contact your local sales rep for material samples.

DIFFUSION:
Frosted white opal top and bottom diffusion.

WATTAGE:
M - 68w  
L - 107w  
Max wattage noted

LIGHTING:
Solid State LED System  
3000k, 3500k or 4000k options  
81 CRI light source

HARDWARE:
Removable powder coated lid. Canopy and dress plate mounts to standard junction box. 3/64” stainless steel cable to ceiling. White power cord.

WARRANTY:
5 year warranty on all standard components.

DRIVERS:
Replaceable 120/277V constant current, dimming driver standard. Can be wired dimming or non-dimming. 0-10v dimming compatible.

MOUNTING:
12”-96” fully adjustable stainless steel aircraft cable suspension. Contact studio for additional lengths up to 20’.

CARE:
The best way to remove airborne debris and dust from shades is to periodically vacuum. A Swiffer sheet or feathered duster can also be used for light dusting. To treat liquid stains, remove spills immediately with a clean damp cotton cloth or with detergent soap and warm water. Carpet and fabric cleaners can usually be used. Always test an inconspicuous area before applying cleaners to the actual stain.

STANDARD STATIC DIMENSIONS
Custom options available

30”Dia x 12”H  
30”Dia x 24”H  
30”Dia x 36”H  
30”Dia x 48”H  
44”Dia x 12”H  
44”Dia x 24”H  
44”Dia x 36”H  
44”Dia x 48”H

Fixture price available upon request
ACOUSTIC DRUM

RENDERINGS AND DIMENSIONS

COLOR OPTIONS

<table>
<thead>
<tr>
<th>Ebony</th>
<th>Zinc</th>
<th>Admiral</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cast</td>
<td>Driftwood</td>
<td>Jasper</td>
</tr>
<tr>
<td>Mineral</td>
<td>Dune</td>
<td>Emerald</td>
</tr>
<tr>
<td>Armor</td>
<td>Dusk</td>
<td>Citrine</td>
</tr>
<tr>
<td>Nickel</td>
<td>Nightfall</td>
<td>Aries</td>
</tr>
</tbody>
</table>

CANOPY / DRESS PLATE FINISH OPTIONS

<table>
<thead>
<tr>
<th>STANDARD</th>
<th>BY REQUEST</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>Silver</td>
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<tr>
<td>Black</td>
<td></td>
</tr>
</tbody>
</table>

CEILING HARDWARE

Cables to Ceiling

MEDIUM

LARGE

Made in USA

Last Update: 3.13.2020
**ACOUSTIC DRUM**

**SABINS PER FIXTURE**  Equivalent square feet of perfect absorption

<table>
<thead>
<tr>
<th>Center Frequency (Hz)</th>
<th>44” Dia x 24” H</th>
<th>44” Dia x 48” H</th>
<th>44” Dia x 48” H Unlit</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>21.40</td>
<td>35.58</td>
<td>30.73</td>
</tr>
<tr>
<td>125</td>
<td>20.14</td>
<td>28.39</td>
<td>29.37</td>
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<tr>
<td>160</td>
<td>19.04</td>
<td>30.45</td>
<td>32.14</td>
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<tr>
<td>200</td>
<td>18.82</td>
<td>32.56</td>
<td>31.24</td>
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<tr>
<td>250</td>
<td>18.14</td>
<td>36.86</td>
<td>36.6</td>
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<tr>
<td>315</td>
<td>19.11</td>
<td>38.42</td>
<td>42.04</td>
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<tr>
<td>400</td>
<td>20.26</td>
<td>38.84</td>
<td>42.94</td>
</tr>
<tr>
<td>500</td>
<td>18.72</td>
<td>36.97</td>
<td>41.10</td>
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<tr>
<td>630</td>
<td>18.67</td>
<td>37.63</td>
<td>41.08</td>
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<tr>
<td>800</td>
<td>19.65</td>
<td>38.70</td>
<td>42.88</td>
</tr>
<tr>
<td>1000</td>
<td>19.54</td>
<td>39.06</td>
<td>42.50</td>
</tr>
<tr>
<td>1250</td>
<td>19.81</td>
<td>40.52</td>
<td>43.48</td>
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<tr>
<td>1600</td>
<td>20.16</td>
<td>40.62</td>
<td>44.89</td>
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<tr>
<td>2000</td>
<td>20.91</td>
<td>41.98</td>
<td>46.35</td>
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<tr>
<td>2500</td>
<td>21.41</td>
<td>42.84</td>
<td>48.72</td>
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<tr>
<td>3150</td>
<td>21.74</td>
<td>43.78</td>
<td>48.91</td>
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<tr>
<td>4000</td>
<td>21.85</td>
<td>45.07</td>
<td>50.18</td>
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<tr>
<td>5000</td>
<td>22.73</td>
<td>46.00</td>
<td>50.15</td>
</tr>
<tr>
<td>Average of 250, 500, 1000, 2000 Hz</td>
<td>19.43</td>
<td>38.75</td>
<td>41.96</td>
</tr>
<tr>
<td>Effective NRC*</td>
<td>0.85 - 1.00</td>
<td>0.85 - 1.00</td>
<td>0.85 - 1.00</td>
</tr>
<tr>
<td>Equivalent square feet of ACT, NRC 0.90</td>
<td>21.60</td>
<td>43.10</td>
<td>46.60</td>
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<tr>
<td>Equivalent square feet of ACT, NRC 0.70</td>
<td>27.80</td>
<td>55.40</td>
<td>59.90</td>
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</table>

**LIGHTART ACOUSTIC DRUM — ABSORPTION**

**NRC per fixture:**

0.85–1.00*

The Acoustic Drum was tested in accredited laboratories to study the impact of fixture size and configuration on acoustic performance.

*The NRC of felt depends on its configuration. LightArt fixtures utilize deep airspaces and multiple layers to keep NRC ratings high for all exposed felt surfaces. Detailed testing data is available upon request.

The acoustic testing of Acoustic Drum was conducted at NVLAP accredited laboratories and meets ISO 354 and ASTM C423. Formal test reports are available upon request.

_LightArt ACOUSTIC DRUM_
ACOUSTIC DRUM

Complete form to specify Acoustic Drum fixture(s)

SPECIFICATION CODE

Example: 2 QTY ACOUSTIC DRUM-30-24-STD-840-BP-BK

ACC-SHPE-DRUM -

For each number, make one selection and enter in the corresponding box above. *Indicates modified choices; additional lead times and/or costs may apply.

1. DIAMETER
   - 30" Dia
   - 44" Dia

2. HEIGHT
   - 12" H
   - 24" H
   - 36" H
   - 48" H

3. FELT COLOR
   - EB Ebony
   - ZN Zinc
   - AD Admiral
   - CA Cast
   - DW Driftwood
   - JP Jasper
   - ML Mineral
   - DN Dune
   - EM Emerald
   - AR Armor
   - DK Dusk
   - CT Citrine
   - NI Nickel
   - NF Nightfall
   - AS Aries

4. SUSPENSION
   - STD 24"–96"
   - EXT* 24"–240"

5. LED CRI / CCT
   - 830 80 CRI / 3000K
   - 835* 80 CRI / 3500K
   - 840* 80 CRI / 4000K

6. CANOPY COLOR
   - WP White
   - BP Black*
   - SP Matte Silver*

7. POWER CORD
   - WH White
   - BK Black*

*Indicates modified choices; additional lead times and/or costs may apply.

Last Update: 3.13.2020