HUSH
ACOUSTIC LIGHT COLLECTION
Designed by David Trubridge for IQ Commercial
Ssssssssh…..HUSH at work!

Hush is designed as both a light source and an acoustic device and was developed by Marion Courtillé at David Trubridge Limited (DTL). DTL was commissioned by IQ Commercial to design an acoustic light based on IQ’s extensive market research for their growing design collection. Hush is marketed in North America by David Trubridge Ltd via the exclusive distributor wakaNINE LLC.

There are currently two sizes, round and a larger oval. Both are large enveloping canopies that contain a constellation of LED lights inside the top. Underneath, sound is muted by the absorbent synthetic felt panels that are made from 100% polyester fibres (including a minimum of 65% post-consumer recycled material) which can be recycled again after easy dismantling.

The material is safe, non-toxic, non-irritant, non-allergic and fire rated to ISO 9705. Although the lights are large they are transported in our trademark kitset form. The interlocking shapes are very easily assembled with minimal connectors and no tools. Hush is licensed to the NZ company IQ. The material properties strongly influenced the design of Hush. We explored the use of a weaving technique which interlocks the components in order to reduce the number of fastenings for quick assembly. This system allows for efficient kitset freighting and the overlaps improve the acoustic properties.
MINI

Light Source:
• 5 LEDs or
• 1 x E26 cordset

<table>
<thead>
<tr>
<th>width (x)</th>
<th>height (y)</th>
<th>depth (z)</th>
<th>weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROUND</td>
<td>40” 1000 mm</td>
<td>16” 400 mm</td>
<td>6 lb 2.7 kg</td>
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</table>

ROUND

Light Source:
• 7 LEDs or
• 1 x E26 cordset (as shown above for Mini)

<table>
<thead>
<tr>
<th>width (x)</th>
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<th>weight</th>
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</thead>
<tbody>
<tr>
<td>ROUND</td>
<td>55” 1400 mm</td>
<td>26” 650 mm</td>
<td>15.4 lb 7 kg</td>
</tr>
</tbody>
</table>

OVAL

Light Source:
• 11 LEDs or
• 2 x E26 cordset (as shown above for Mini)

<table>
<thead>
<tr>
<th>width (x)</th>
<th>height (y)</th>
<th>depth (z)</th>
<th>weight</th>
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</thead>
<tbody>
<tr>
<td>OVAL</td>
<td>79” 2000 mm</td>
<td>26” 650 mm</td>
<td>24.2 lb 11 kg</td>
</tr>
</tbody>
</table>

info@wakanine.com          www.wakanine.com
Designed by David Trubridge design studio in collaboration with IQ Commercial. Hush is a light, an intimate space, and an acoustic device. Hung over a meeting table, over work spaces, or over spaces in which to gather for a quiet discussion Hush is ideal for defining soft spaces. The material is a lightweight, semi-rigid acoustic panel which softens sound and reduces reverberations. Manufactured from 6mm thick panels of 100% polyester fibers (including 65% post-consumer recycled material) the material is safe, non-toxic, non-irritant and non-allergic. Available with or without LED lights. Hush can ship as a kit-set if required.

- **Kitset (Self Assembly Required)**
- **Installation instructions supplied**
- **Box dimensions: 44” x 20” x 5.5”**
- **Product weight:**
  - Round 15.43 lbs
  - Oval 24.2 lbs
  - Mini 6 lbs
- **Packaged weight:**
  - Round 16.53 lbs
  - Oval 27.56 lbs
  - Mini 6.2 lbs
- **Light version - two options available:**
  - LEDs: integrated, replaceable, energy efficient and long-lasting LEDs 3000 Kelvin, CRI 80-85 (Oval 1x, Round 7x, Mini 5x) and driver; or
  - E26 cordset (Oval 2x, Round 1x, Mini 1x)
- **Available in twelve color options (see color guide on following page)**
- **Supplied with 3.28’ of electrical cord**
- **Supplied with steel cable hanging wire and cone grip attachments (Round: 1x cable and 1x cone grips, Oval: 2x cables and 4x cone grips, Mini: 1x cable and 1x cone grips)**
- **Made from 6mm 100% polyester, without chemical binders**
- **Manufactured in New Zealand under a certified environmental management system**
- **Manufactured using a minimum of 65% post-consumer recycled material (pet bottle-flake)**
- **Acoustic performance: nrc value of 0.89 At 2000hz**
- **Safe, non-toxic, non-irritant and non-allergenic**
- **Polyester has been tested and classified as low VOC**
- **Suitable for indoor use only**
**COLOR SWATCHES**

The Hush lights are available in 12 colors. These swatches are to be used as a guide only, please refer to a product sample for true color reference.

<table>
<thead>
<tr>
<th>Color</th>
<th>Color</th>
<th>Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>Savoye</td>
<td>Opera</td>
<td>Acros</td>
</tr>
<tr>
<td>Bosco</td>
<td>Zenith</td>
<td>Ironbank</td>
</tr>
<tr>
<td>Falling Water</td>
<td>Pinnacle</td>
<td>Senado</td>
</tr>
<tr>
<td>Flatiron</td>
<td>Empire</td>
<td>Petronas</td>
</tr>
</tbody>
</table>

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The tests described in this report were conducted on the 27th of August, 2014. The tests were performed at the request of IQ Commercial to determine the equivalent sound absorption area of a sample of Hush Light Round. The tests were carried out following the interrupted noise technique outlined in ISO 354: 2003 Acoustics -- Measurement of sound absorption in a reverberation room. The tests were carried out in the reverberation room of the Department of Mechanical Engineering, University of Canterbury, New Zealand.

Equivalent sound absorption area of the Hush Light Round

![Graph showing equivalent sound absorption area vs one-third octave band frequency]

<table>
<thead>
<tr>
<th>1/3 Octave band centre frequency (Hz)</th>
<th>Average RT’s for empty room T60 empty (s)</th>
<th>Average RT’s for room with sample T60 empty+sample(s)</th>
<th>Equivalent sound absorption area A obj (sq ft)</th>
<th>95% Confidence interval for Aobj</th>
</tr>
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<tbody>
<tr>
<td>100</td>
<td>6.254</td>
<td>6.382</td>
<td>0.0</td>
<td>0.74</td>
</tr>
<tr>
<td>125</td>
<td>6.206</td>
<td>5.377</td>
<td>9.69</td>
<td>0.48</td>
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<tr>
<td>160</td>
<td>7.643</td>
<td>6.516</td>
<td>8.61</td>
<td>0.16</td>
</tr>
<tr>
<td>200</td>
<td>8.065</td>
<td>6.503</td>
<td>11.84</td>
<td>0.20</td>
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<tr>
<td>250</td>
<td>8.503</td>
<td>6.601</td>
<td>12.92</td>
<td>0.10</td>
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<tr>
<td>315</td>
<td>9.102</td>
<td>6.580</td>
<td>16.15</td>
<td>0.23</td>
</tr>
<tr>
<td>400</td>
<td>8.172</td>
<td>6.173</td>
<td>15.07</td>
<td>0.09</td>
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<tr>
<td>500</td>
<td>7.637</td>
<td>5.643</td>
<td>17.22</td>
<td>0.20</td>
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<tr>
<td>630</td>
<td>6.706</td>
<td>5.037</td>
<td>19.38</td>
<td>0.15</td>
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<tr>
<td>800</td>
<td>6.369</td>
<td>4.617</td>
<td>22.6</td>
<td>0.21</td>
</tr>
<tr>
<td>1000</td>
<td>5.999</td>
<td>4.369</td>
<td>23.68</td>
<td>0.14</td>
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<tr>
<td>1250</td>
<td>5.343</td>
<td>3.899</td>
<td>26.91</td>
<td>0.23</td>
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<tr>
<td>1600</td>
<td>4.556</td>
<td>3.398</td>
<td>29.06</td>
<td>0.14</td>
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<tr>
<td>2000</td>
<td>4.243</td>
<td>3.161</td>
<td>31.22</td>
<td>0.16</td>
</tr>
<tr>
<td>2500</td>
<td>3.959</td>
<td>2.931</td>
<td>33.37</td>
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<tr>
<td>3150</td>
<td>3.476</td>
<td>2.625</td>
<td>35.52</td>
<td>0.20</td>
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<tr>
<td>4000</td>
<td>2.959</td>
<td>2.279</td>
<td>38.75</td>
<td>0.13</td>
</tr>
<tr>
<td>5000</td>
<td>2.409</td>
<td>1.930</td>
<td>39.83</td>
<td>0.35</td>
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</table>

Full acoustic test report available on request.
**Fire Ratings (Conducted on 12mm)**
ISO 9705:1993
Classification: Group 1-S
Smoke Production Rate: <5.0m²/s
As required by NZBC C/VM2
AS ISO 9705 - 2003
Classification: Group 1
(SMOGRArc): <100m²/s
As required by BCA C1.10
FI 4974 dated 16th September, 2012
B - s1, d2

**VOC Emissions**
Autex polyester has been tested by Cetec Pty Ltd (Report: CV080408) for chemical emission and is classified as low VOC.
VOC concentration: 0.01 mg/m³

**Moisture Absorption**
Polyester fibre when exposed to an atmosphere of 122°F at 90% relative humidity for four days showed moisture absorption of less than 0.03% by weight. Polyester is not affected by moisture, mould or mildew and will not rot or deteriorate in intended use situations.

**Fabric Care**
Blot spills from fabric quickly. Wipe with a damp cloth. Avoid rubbing and excessive amounts of water as this will affect the finish. Use carpet or upholstery shampoo as directed. Blot with a clean dry cloth after each application of solution. Custom printed material requires the services of a specialist cleaning company.

**Pattern Repeat**
Non-woven. No pattern repeat but product has directional grain. Product may vary from samples and batch to batch due to fibre blending and lay-up which is an inherent feature of this product.

**Impact Resistance**
Autex polyester has been tested for impact resistance to EN13964:2004 and meets the criteria of Class 1A; not adversely affected at impact velocities over 16.5m/s.

**Environmental**
Autex is committed to best practice through our ISO 9001 and ISO 14001 certified Quality and Environmental Management Systems.

Contains a minimum of 65% previously recycled polyester fibre (from PET bottle-flake) ensuring comparatively low embodied energy. Off-cuts and manufacturing waste is re-used or recycled wherever possible. Uncontaminated material can be recycled.

Manufactured from 100% polyester fibres and does not contain formaldehyde binders. Autex polyester fibres support safer indoor air quality and will not become a potential airborne pollutant.

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Hush is made from .25” thick 100% polyester and manufactured in New Zealand Australia under Autex’s ISO 14001 certified Environmental Management System. Containing a minimum of 65% post-consumer recycled material (PET bottle-flake); it is completely safe, non-toxic, non-allergenic and non-irritant.

info@wakanine.com          www.wakanine.com
For more information or to order please contact:

wakaNINE

info@wakanine.com
512 912 9672
506 East St Elmo St, Building A-2,
Austin, TX 78745