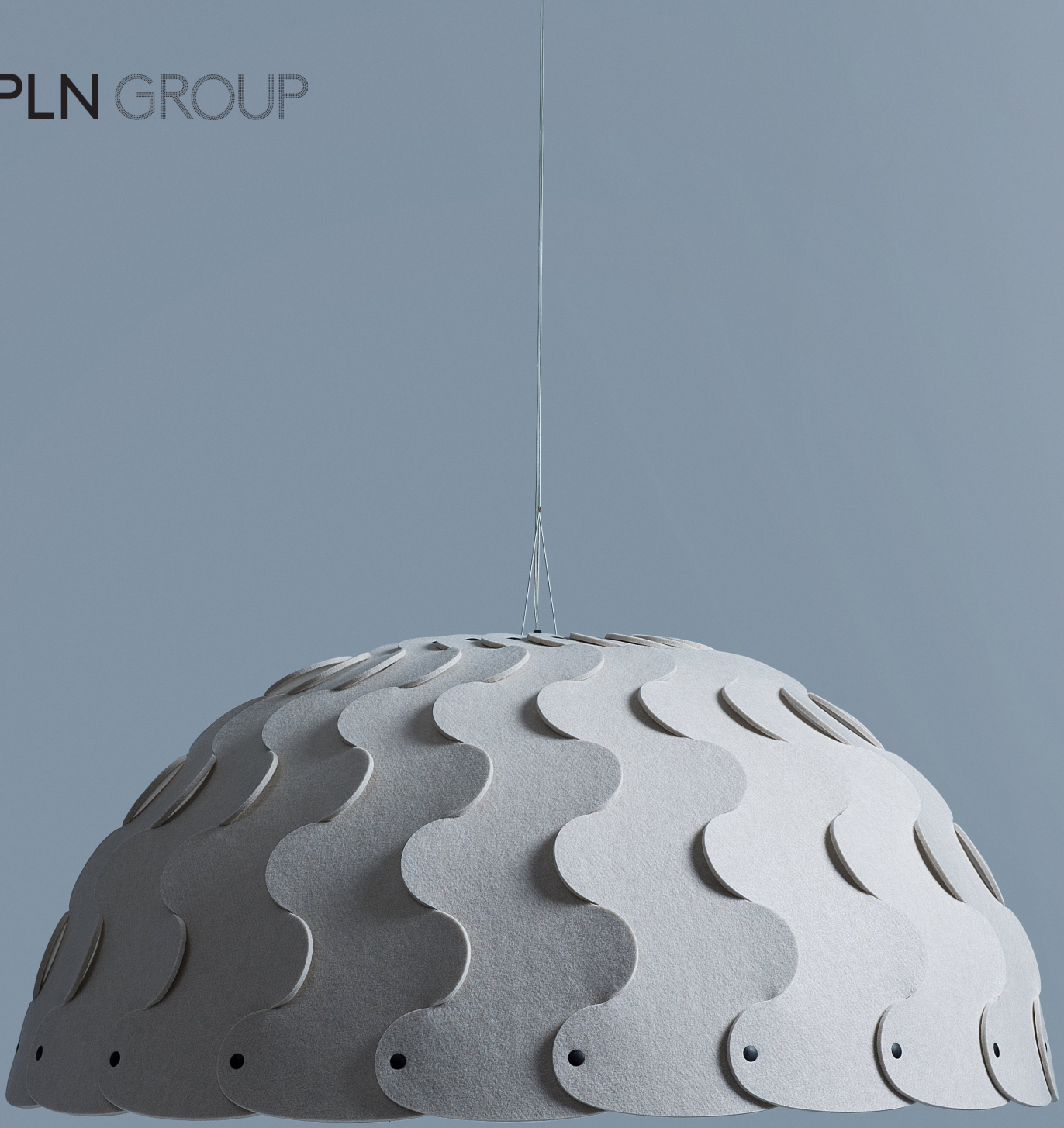
PLN GROUP



HUSH

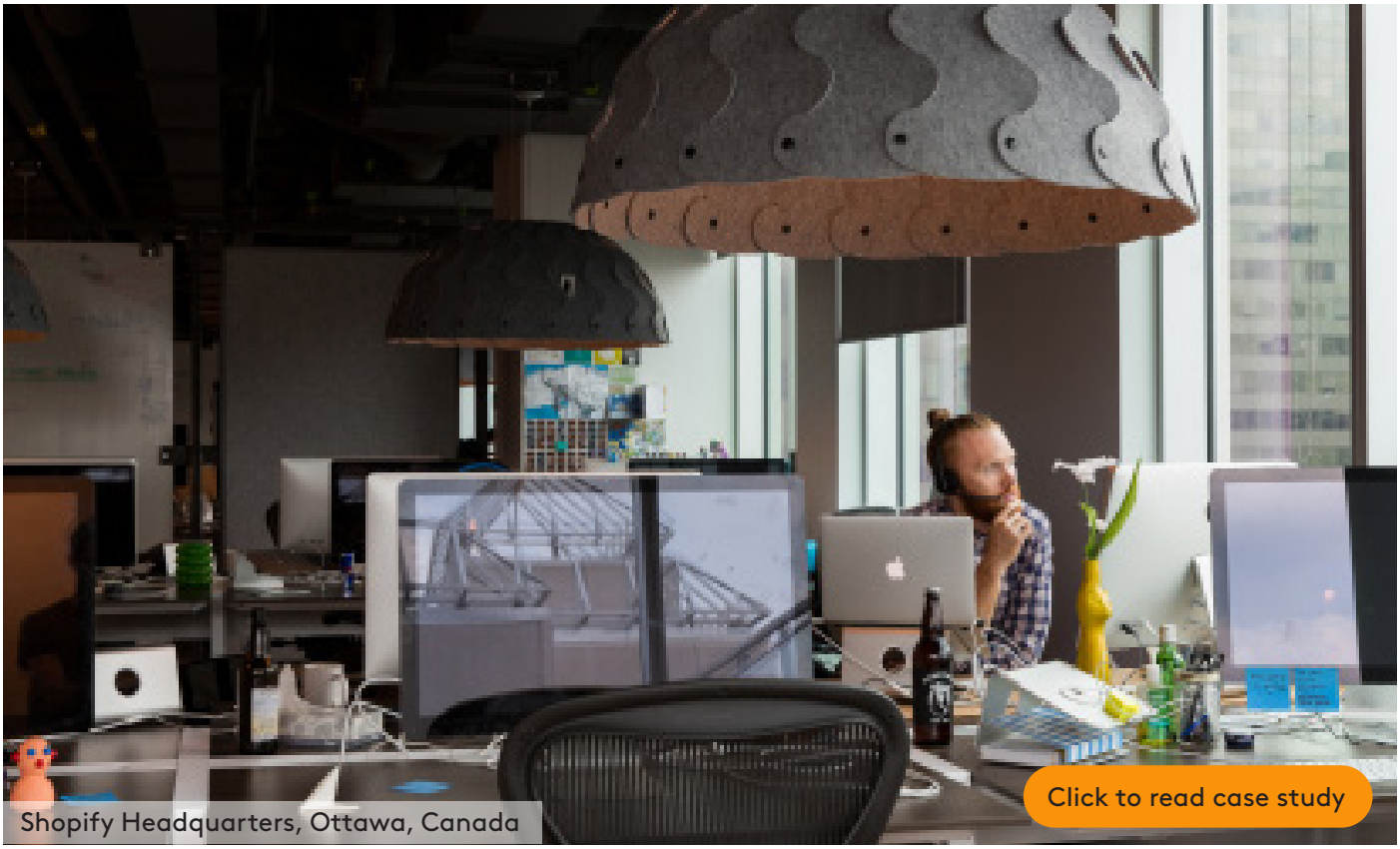
ACOUSTIC LIGHT COLLECTION

Designed in association
with David Trubridge Design Studio

HUSH

Designed in association with David Trubridge Design Studio

PLN GROUP



ABOUT HUSH

Hush is a light, an intimate space, and an acoustic device. Hung over a meeting table, task desk or restaurant bar, Hush is ideal for reducing noise and improving the acoustics of a space. It was designed in association with David Trubridge Design Studio for PLN Group.

HOW IT WORKS

Hard, dense surfaces (glass, concrete, etc.) in modern offices and restaurants often reflect sound and make it appear louder. Hush's lightweight, semi-rigid acoustic panels soften sound and reduce reverberations through the absorption of certain frequencies (mainly mid to higher frequencies), which then leave a room with much more comfortable sound level without eliminating noise completely.

MATERIAL

Manufactured from 6mm thick panels of 100% polyester fibers (including 65% post-consumer recycled material) the material is sustainable, safe, non-toxic, nonirritant and non-allergic.

OPTIONS

11 colours. Available with LEDs, E26 cord fixture (bulb) or without lights (hood). Micro E26 only.

SHIPPING

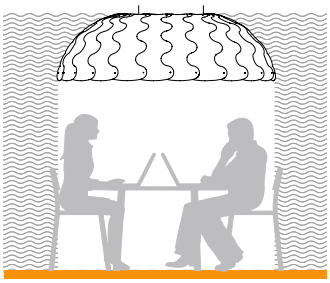
Hush is shipped flatpacked with full instructions for assembly.

APPLICATIONS

Home and Social Areas

Breakout & Reception Areas

Bars & Restaurants



Open Plan Workspaces

HUSH

Designed in association with David Trubridge Design Studio

PLN GROUP

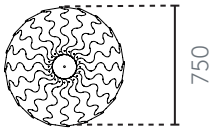
MICRO

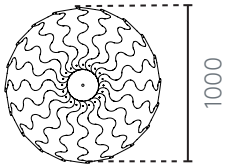
MINI

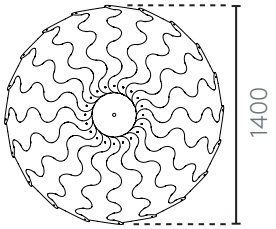
ROUND

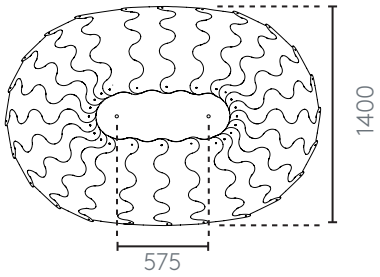
OVAL

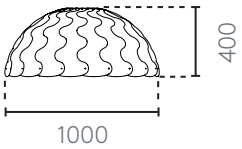
DIMENSIONS (MM)

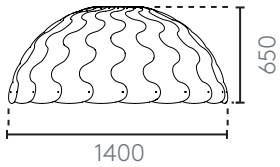


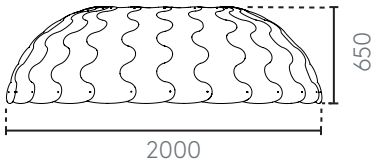










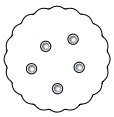


LAMPING OPTIONS

- 1x E26 cordset (bulb not included)

- Hood Only (no light)

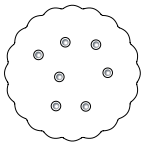
- 5x LEDs



- 1x E26 cordset (bulb not included)

- Hood Only (no light)

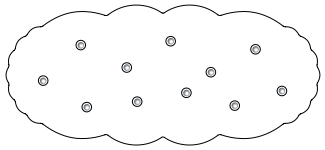
- 7x LEDs



- 1x E26 cordset (bulb not included)

- Hood Only (no light)

- 11x LEDs



- 2x E26 cordset (bulb not included)

- Hood Only (no light)

SPECIFICATIONS

Intertek
5002985

Conforms to UL STD 1598
Certified to CSA Std C22.2 No. 250.0

- Kitset (Self Assembly Required)
- Installation instructions supplied
- Box dimensions:
  Hush Round/Oval: 1120mm (L) x 510mm (W) x 140mm (H)
  Micro/Mini: 720mm (L) x 350mm (W) x 155mm (H)
- Net weight:
  Micro 1.7kg Mini 3 kg
  Round 6.5kg Oval 11.5kg
- Available in 20 colours option (see colour guide)
- Lamping Options:
  - LEDs: Replaceable, energy efficient LEDs (3000 Kelvin, CRI 90+) and driver:
    Mini: 5x LEDs (10W, 1800 Lumens)
    Round: 7x LEDs (14W, 2500 Lumens)
    Oval: 11x LEDs (22W, 4000 Lumens)
  - E26/E27 cordset (Micro 1x, Mini 1x, Round 1x, Oval 2x)

- Made from 100% polyester, without chemical binders, tested as low VOC
- Manufactured in New Zealand under a certified environmental management system
- Manufactured using a minimum of 65% post-consumer recycled material (pet bottleflake)
- Acoustic performance: See our Acoustic Report for more information
- Safe, non-toxic, non-irritant and non-allergenic
- Supplied with steel cable hanging wire and cone grip attachments and electrical cords (Micro electrical cord only)
- Suitable for indoor use only

HUSH

Designed in association with David Trubridge Design Studio

PLN GROUP

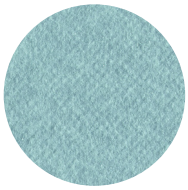
COLOUR SWATCHES

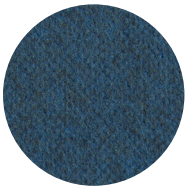
Hush lights are available in 20 colours. These swatches are to be used as a guide only, please refer to a product sample for true color reference.

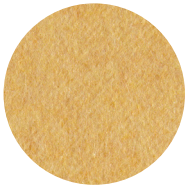
Savoye

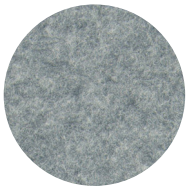
Opera


Acros


Falling Water


Pinnacle


Senado


Flatiron


Empire


Petronas


Treehouse

Canyon

Caspian

Highland


Terrace

Beehive

Cavalier

Gherkin

Muralla

Pathenon

Sargazo

ACOUSTIC REPORT

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 absorbtion area of the Hush Light Round

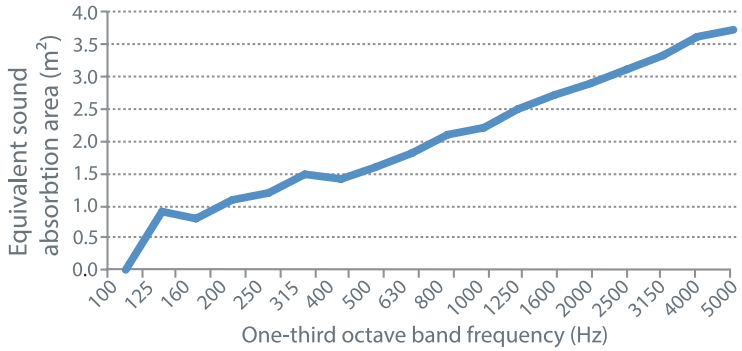


TABLE 1: Test room reverberation times and equivalent absorption area of Hush Round.

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

Full acoustic test report available on request.

HUSH

Designed in association with David Trubridge Design Studio

PLN GROUP

MATERIAL DATA SHEET

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.

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
EN13501-1:2007+A1:2009
B - s1, d2

VOC EMISSIONS

The 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. For more information, please see our full care and maintenance instructions.

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

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

ENVIRONMENTAL

The manufacturing is under ISO 9001 and ISO 14001 certified Quality and Environmental Management Systems.

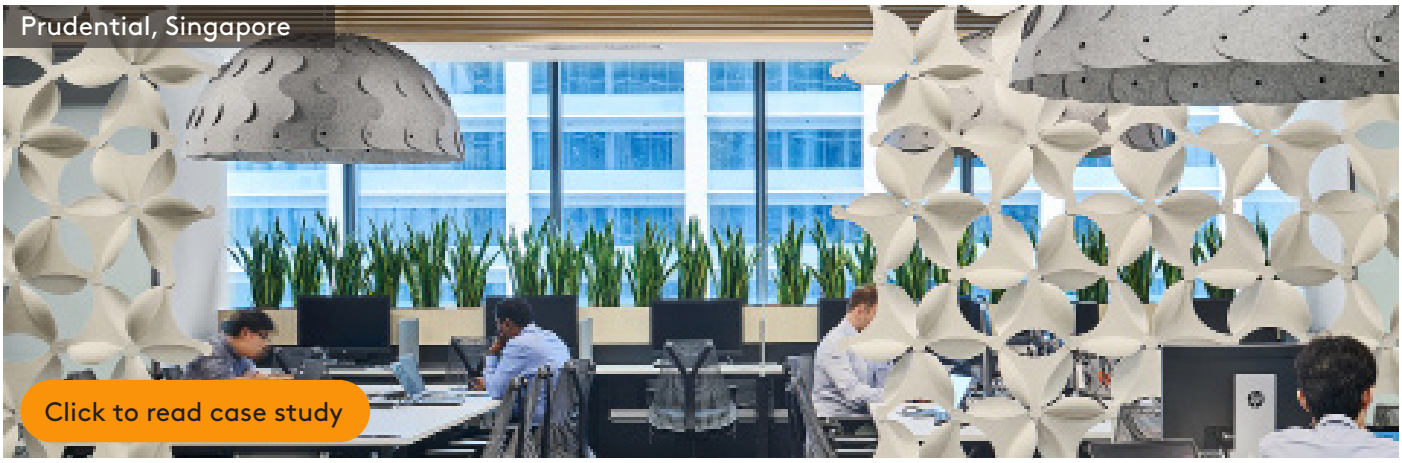
Contains a minimum of 65% previously recycled polyester fibre (from PET bottleflake) ensuring comparatively low embodied energy. Off-cuts and manufacturing waste is re-used or recycled wherever possible. Uncontaminated material can be recycled.

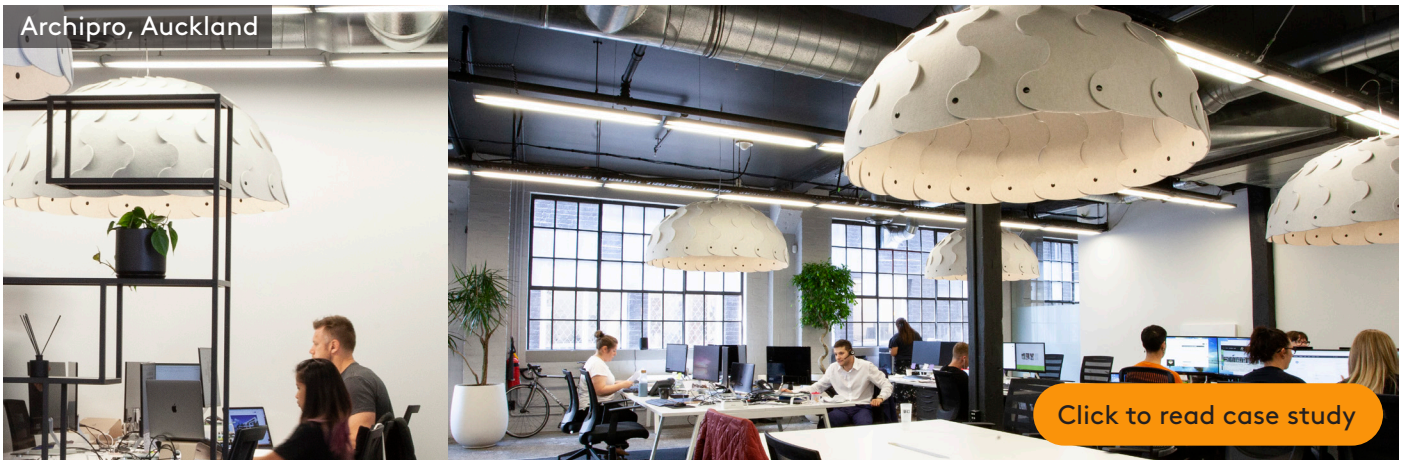
Manufactured from 100% polyester fibres and does not contain formaldehyde binders and will not become a potential airborne pollutant.

HUSH

PLN GROUP

Designed in association with David Trubridge Design Studio





www.plngroup.co.nz

HUSH

Designed in association with David Trubridge Design Studio

PLN GROUP


Auckland, New Zealand


New York City


Hong Kong


Toronto, Canada


Click to read case study

Auckland, New Zealand


Rotorua, New Zealand

Click to read case study


Melbourne, Australia


Auckland, New Zealand


Scottsdale, Arizona


Boston, Massachussets

www.plngroup.co.nz