



# Ilmava Valopilvi "Light Cloud"



The Ilmava Valopilvi "Light Cloud" is an excellent solution to the problem of unwanted noise in open plan offices and high spaces. The acoustically effective "light cloud" significantly lessens the level of noise experienced by anyone sitting under it. It also helps shorten the time that sound reverberates in the space. LED downlights incorporated into the cloud provide a new energy efficient way to light the space.

## Construction

- Single acoustic panel for fixing above a desk, for example.
- 4.5 cm thick panel, available in sizes up to 80x120 cm. Different shapes
- Upholstered, pressed and shaped on both sides.
- The edge is finished with a fabric edging strip.
- Holes for installing LED downlights.

## Materials

- Products are ecologically manufactured using natural and recycled materials
- All materials used are safe for indoor air quality and fire resistant.

## LED Downlight

- The amount of light depends on the type and number of LED downlights fitted.
- Light clouds are available with or without LEDs.
- When ordering without lights, select size based on the diameter and number of hole/s required.
- LED downlight supplier and specifications subject to change – see website for details.

## Installation

- Attaches to the ceiling with three cables.
- LED downlights are fitted into holes in the cloud.
- A hidden transformer is fitted and connected to the LEDs.
- Electricity supply to the transformer is from above via the ceiling light connection.

## Acoustic Properties

The Yeseco Ilmava light cloud is particularly effective in lowering the level of unwanted noise and reverberations caused by office conversations.

## Sound Absorption Class, ISO 11654:

Close to ceiling, one side attenuates:  
Class A, **aw 0,95**

125 Hz: 0,30	1000 Hz: 0,90
250 Hz: 0,75	2000 Hz: 0,90
500 Hz: 0,95	4000 Hz: 0,95

Far from the ceiling, both sides attenuate:  
Class C, **aw 0,65 (H)**

125 Hz: 0,20	1000 Hz: 0,85
250 Hz: 0,35	2000 Hz: 0,95
500 Hz: 0,70	4000 Hz: 1,05

**YESECO**

## Ilmava Clouds and Light Clouds

Ilmava clouds are upholstered using 100% recycled fabric (Convert 2000).

The acoustic material used in Ilmava clouds is hemp fibre. It received an honourable mention in the INNOSUOMI awards 2010.

