



Appareo

**FAGERHULT** | art of light

”Don’t part with your illusions. When they are gone you may still exist, but you have ceased to live.”

Mark Twain



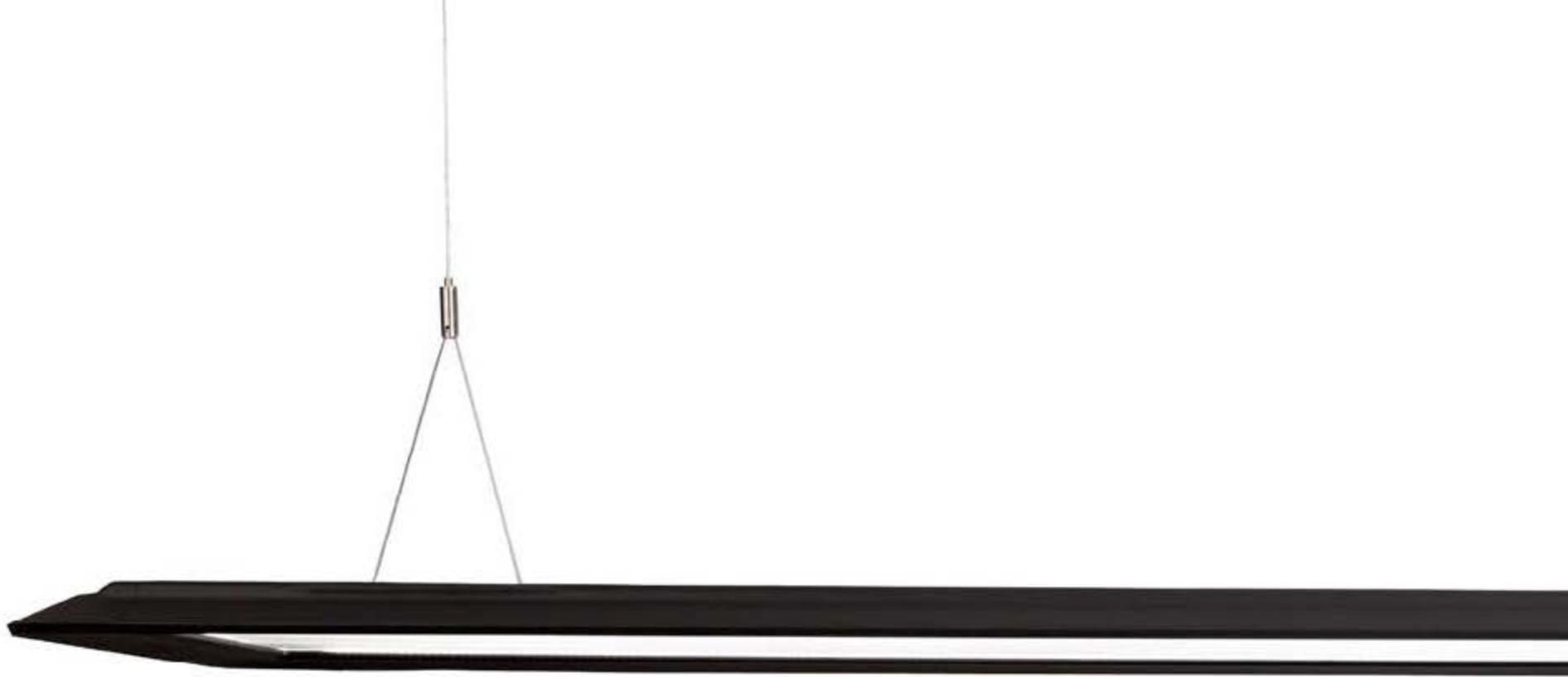


Appareo is a suspended LED luminaire, combining uncompromising design with high levels of illumination and good ergonomics.

One of the biggest challenges with LED is utilising its smallness without losing function. Light-intensive LED units require exceptionally good reflectors and dazzle protection. However, the more features you incorporate into a luminaire, the more extreme becomes its design. That's why we chose to work with a completely new material.







The side-emitted light is comfortable and glare-free whilst still providing the full effectiveness of LED lighting technology. Direct/indirect light distribution affords an excellent working light in combination with a pleasant general and ambient lighting. When the luminaire is on, the diffuser takes on a crisp, white glow. When the luminaire is switched off, it is completely transparent. It's as if it wasn't there.



Light is captured by a thin, black or white, matte aluminium frame. A torsionally resistant and robust design that, at the same time, is very lightweight.

The luminaire is lit – but where is the light source? Appareo is more than lighting, it's an experience that makes you think. It's a puzzle, a little piece of everyday magic.



"LED is a challenge in itself. It's so easy to be sold on the technology that you do all you can to show it off at every turn. We wanted to focus on the experience and design instead; on the light itself and how it comes through the diffuser. The name reflects the ambiguous nature of the luminaire, the contrasts between being lit and being off. On the one side we have the lit, white glowing diffuser. On the other, we have the completely transparent surface. Appareo makes no big deal out of being an LED luminaire. Instead, it shows what the technology can achieve."

As a designer, you have to deal with the fact that the starting points for new products are often the same. In order to make a traditional fluorescent lamp luminaire, you really have to "push the boat out" in order to achieve something new. With Appareo, things were different. The criteria were completely new, which made things very simple indeed. The challenge was actually not to make it too simple. The initial sketches were very elemental and we knew we had to add something beyond the basic design shapes – the circle and extended rectangle. The final shape was inspired by the wings of birds, which are very light and strong, and which are also extremely thin when viewed from the side. The small, slightly angled surface gives the luminaire a bigger body, making it more human

Gustav Müller Nord, Casper Asmussen and  
Jens O Johansson, Howl Designstudio







"Magic or illusionism is the art of entertaining an audience by creating illusions and false sensory impressions that surprise and amaze, usually so that it seems something impossible has happened or that the conjurer (also known as a wizard, illusionist or magician) has supernatural powers. Despite this, all illusions are created in natural ways."

Wikipedia



# Appareo Circular



## Installation

Wire suspension (4 m) with ceiling bracket and friction lock, is included with the luminaire. External ballast box is mounted directly to ceiling or placed loosely above ceiling.

## Connection

Luminaire is connected in the ballast box with 230 V, built-in LED ballast in ballast box. Cable entry on top or through the knockout in the side. Snap-in terminal block 5 × 2.5 mm<sup>2</sup>, 1-phase through-wiring possible. Supplied with a 3 m white fabric cord between luminaire and external ballast box.

## Design

Luminaire body in cast aluminium. The luminaire is lacquered in black (RAL 9005) structured or white (RAL 9016) structured. Ballast box in plastic.

## Louvre

Edge-lit clear prismatic acrylic diffuser (PMMA). Average luminance <3000 cd/m<sup>2</sup>.

## Dimming

DALI dimming as standard.

## Miscellaneous

Appareo has side-emitting LEDs, as a result the luminaire's acrylic diffuser is completely transparent when switched off and provides an evenly luminated surface when lit.



When switched off the luminaire is completely transparent.



Ballast boxes can be placed above ceilings or surface mounted directly to the ceiling.

## Luminaire

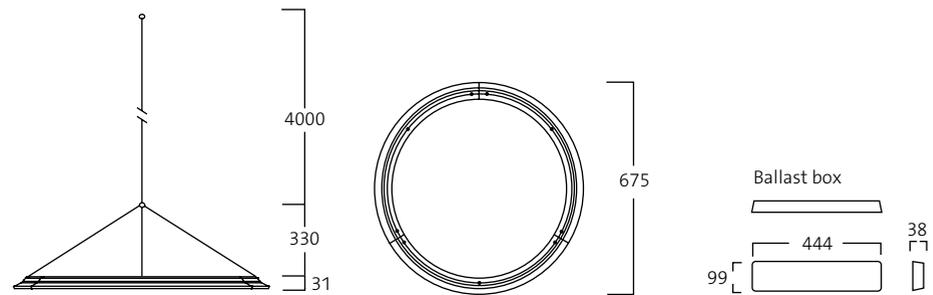
System, W	Colour temp., K	Lightdistr.	Luminous flux, lm	Efficiency, lm/W	kg	White	Black
54	4000	40/60	4966	92	4.6	53751-402	53752-402

For current information on output and luminous flux, please refer to our website.

## Information LED-Luminaire

Colour temp. (CCT)	Ra (CRI)	Life	Colour quality
4000 K	≥ 80	L <sub>70</sub> 50.000 h	MacAdam 4 SDCM

For further information on LEDs, please refer to the Technical Information chapter.



# Appareo



## Installation

Two-point wire pendant. Wire suspension and friction lock included with luminaire. Balanced. External ballast box is mounted directly to ceiling or placed loosely above ceiling.

## Connection

Luminaire is connected in the ballast box with 230 V, built-in LED ballast in ballast box. Cable entry on top or through the knockout in the side. Snap-in terminal block 5 × 2.5 mm<sup>2</sup>, 1-phase through-wiring possible. The luminaire is equipped with a 1.5 m mains cable 3 × 0.75 mm<sup>2</sup> between the luminaire and the external ballast box.

## Design

Body in extruded aluminium and ends in cast metal. The luminaire is lacquered in black (RAL 9005) structured or white (RAL 9016) structured.

## Louvre

Edge-lit clear prismatic acrylic diffuser (PMMA). Average luminance < 3000 cd/m<sup>2</sup>.

## Dimming

DALI or e-Sense ActiLume as standard.

## Miscellaneous

Appareo has side-emitting LEDs, as a result the luminaire's acrylic diffuser is completely transparent when switched off and provides an evenly illuminated surface when lit.



e-Sense ActiLume is integrated into the ends of the luminaire.



The mounting point for the wire suspension is adjustable lengthways.

## Luminaire

System, W	Colour temp., K	Lightdistr.	Luminous flux, lm	Efficiency, lm/W	kg	White	Black
65	4000	40/60	5210	80	4.7	11070-	11071-

Luminaire must be completed with desired function. See table with suffix codes.  
For current information on output and luminous flux, please refer to our website.

## Information LED-Luminaire

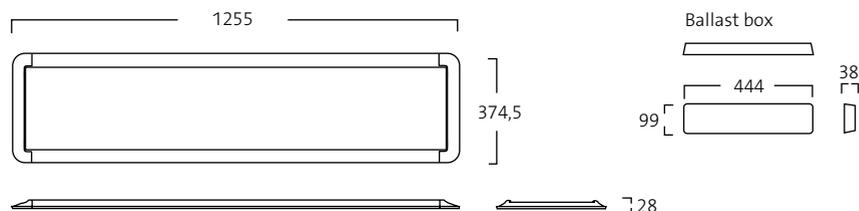
Colour temp, (CCT)	Ra (CRI)	Life	Colour quality
4000 K	≥ 80	L <sub>70</sub> 50.000 h	MacAdam 4 SDCM

For further information on LEDs, please refer to the Technical Information chapter.

## Suffix code

- 402 DALI
- 442 e-Sense ActiLume single luminaire

Add suffix code to the end of the luminaire part number to indicate required function. Only one suffix can be added.





Light is the starting point for many art forms. Light forms the basis for film, photography and painting. It not only gives people a sense of physical and mental well-being but also creates the visual environment for aesthetic experiences. Light is an inspiration behind artistic creativity, our perception and appreciation; something that has been explored but not always defined.

For us at Fagerhult the art of light is grounded in an exact science. Something that can be measured quantified and controlled. Our lighting technology is used to create functional, comfortable, energy efficient light. This expertise allows us to push the boundaries and use light as the raw material for a very personal form of expression. Make innovation to art. The Art of Light.

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