Appareo

"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 excellent ergonomics.

The strengths of LED are also the source of some of its biggest challenges. How do you utilise its small dimensions without losing function or maximise the high intensity without wasting light or dazzling the viewer. The more features you have to add into a luminaire the more extreme it becomes in its design. That's why we chose to work with a completely new material.

The trick behind the design is quite simple really; Appareo has a heart of acrylic plastic. This material differs from normal acrylic which doesn't allow light to pass through; rather it bounced against the surface. In Appareo there is no such restriction. The LED are positioned around the diffuser, throwing the light at the plastic, which provides the dual role of reflector and glare protector.

The side-emitted diodes produce a comfortable and glare-free light, whilst still harnessing the full efficiency of LED technology. It's direct/indirect distribution ensures an optimal working and ambient light combination. When the luminaire is switched on the diffuser creates a crisp white glow. When unlit, it's completely transparent, as if it wasn't there.

The light is framed by a thin aluminium edge in either black or white. Its light weight design is deceptively robust.

The luminaire is lit but where is the light source? Appareo is more than a fixture; it's an experience that makes you think, 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 point for new products is often the same. When dealing with a traditional fluorescent luminaire you really have to "push the boat out" to create something new. With Appareo things were different. The criteria changed in a way which made things very simple. Conversely, 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 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

Appareo is available in two models; one rectangular and one circular. The rectangular version is ideal for workplace lighting, whilst the circular design is an excellent alternative for general lighting purposes.

"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 mm², 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/m².
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.

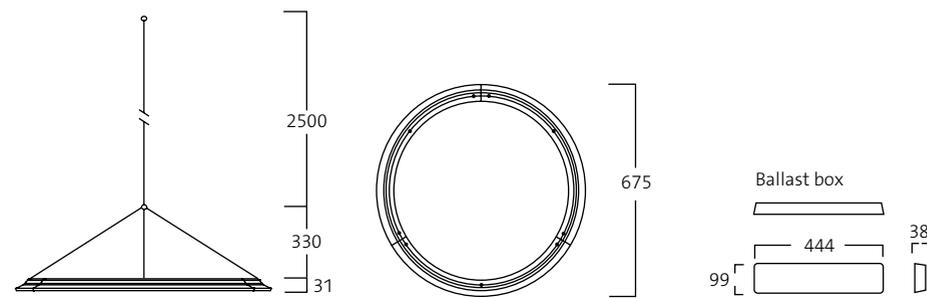
When switched off the diffuser is completely transparent.

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	L₇₀ 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 mm², 1-phase through-wiring possible. The luminaire is equipped with a 1.5 m mains cable 3×0.75 mm² 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/m².
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 luminated surface when lit.

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

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- ☐

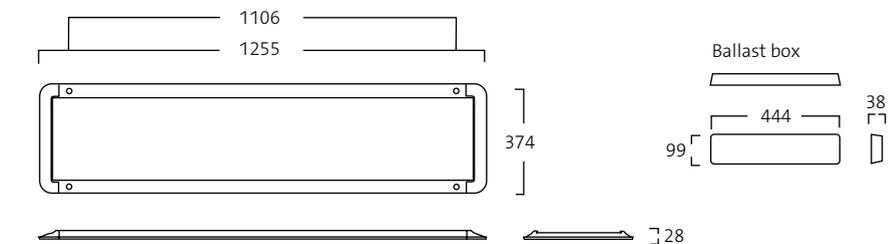*Luminaire must be completed with desired function. See table with suffix codes.*
For current information on output and luminous flux, please refer to our website.

Information LED-Luminaire

Colour temp, (CCT)	Ra (CRI)	Life	Colour quality
4000 K	≥ 80	L₇₀ 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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