



RECESSO

Black and white

FAGERHULT

To see the world in black and white

When we develop luminaires, we always work from the starting point that it should be as easy as possible for our customers. Recesso has become a firm favourite because it does just that. It meets the most stringent requirements for economy and flexibility, while at the same time being easy to install. And now it is also available in an LED design.

Recesso has been optimised for recess mounting in suspended ceilings with visible T-bars. Six different modules in three widths simplify the planning and make it easy to create large, harmonised solutions with joint flexibility. Regardless whether the area is to be used for smaller work rooms, large offices or general areas, the different versions of Recesso can easily be combined to handle the lighting task.

We have also supplemented the Recesso family with MultiFive Beta Opti when you want to enjoy all of Recesso's benefits even in an HB ceiling. If you need a solution to everything you might face in a construction project- the answers black and white .



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Lighting comfort

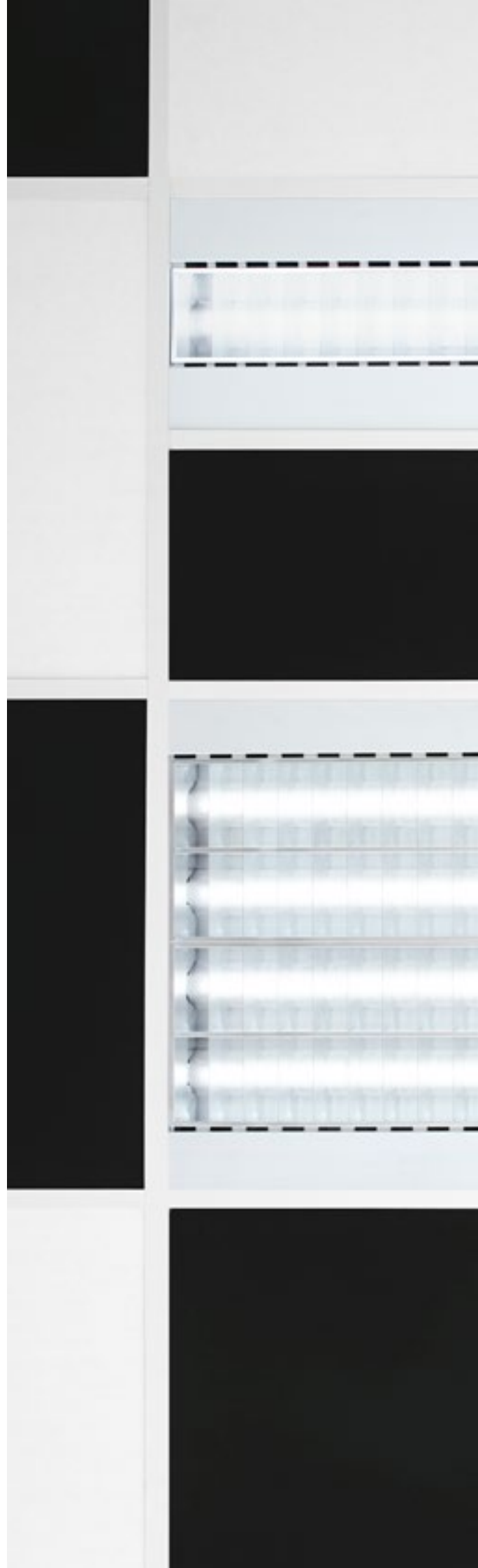
Equipped with the newly developed louvre for LED, Beta Opti, Recesso takes control of both the lights visual qualities and efficiency. Using LEDs there are no dark cells at the ends of the louvre, providing a uniform spread for an enhanced aesthetic. Recesso provides outstanding lighting comfort that meets the human need for glare-free and high-contrast light.


Installation

During the installation phase Recesso is extremely cost effective; the luminaire is supplied fully fitted – it only has to be plugged in. Throughout the construction period the protective film over the louvre opening stays on the luminaire and is easily removed after final cleaning. A simple and quick installation at all stages of the process.

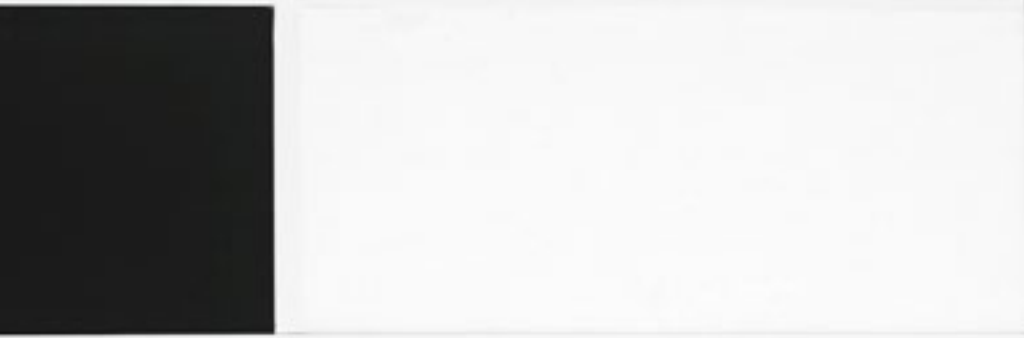
Ventilation

In its way of combining lighting with ventilation Recesso is a pioneer; the ventilation can be drawn through the luminaire without energy intensive light depreciation. A newly optimised design leads the air across the long side of the louvre and minimises the disruption of the light-emitting surface, maintaining the luminous efficiency.







*Rational installation.
All LED fittings come with the light source pre-assembled , louvre and plug.*



*Protective foil.
Sits over the louvre; peel off when the construction is finished!*



*Save money and the environment.
Ventilation without light depreciation
requires fewer luminaires and less energy.*



*Flexible connection.
Permanent, cable and plug or quick
snap-in connection; you choose.*



Beta with Opti technology

Ever since LED's were introduced, the lighting industry has struggled with a difficult equation; how to optimise the efficiency while still providing fantastic lighting comfort. Through a complete re-design of a traditional approach, Fagerhult have developed Beta Opti, embracing all the benefits of LED without compromising on comfort.

The solution is based on a classic, "batwing" shaped wide beamed light distribution that spreads the light out

the sides. The advantages are simpler light planning and enhanced uniformity in the spaces between the luminaire rows without creating a luminance that is too high directly underneath the luminaire.

Our ambition has been to create a sustainable and future-proof louvre technology that places people and the environment at the centre. No compromises, no excuses. Just technical perfection.

Optimal control

Beta Opti provides complete control of the luminous flux. The reflectors control the light with precision so that it is distributed downwards and out of the luminaire. All the light is put to use without producing glare.

Optimal efficiency

Beta Opti takes efficiency to a new level. The optical efficiency ranges from the traditional 70 lm/W (T5) to 120 lm/W. Luminaires equipped with Beta Opti offer a very attractive pay-back time.

Optimal comfort

Beta Opti meets peoples' need for a glare-free and contrast-rich light in pleasant and productive work environments. By distributing the luminance from the LED modules, we have created world-class light comfort.



Beta Opti focuses on the louvre's side reflectors to create a controlled light pattern with optimal efficiency and light comfort.



By distributing the luminance from the LED modules, we have created a luminous surface that is comfortable to the eye and eliminates glare.



Beta Opti is a new generation of louvre based on our existing T5 R5 louvre technology. The cross blades work in tandem with efficient side reflectors. The solution is supplemented with a unique film which provides extra precision in the light control.







Installation

Recessed mounting in suspended ceiling with visible T-bars (15 or 25 mm).

Connection

Connection to snap-in terminal block 3-way or 5-way, 2,5 mm². Can also be supplied with mains cable and earthed plug. Can also be equipped with the Wieland or Wago connection system.

Design

Body of white enamelled (RAL 9016) sheet steel. Openings along the entire body, outside the edge of the louvre for flow-through ventilation.

Louvre

Beta Opti – double parabolic side and cross reflectors in satin matt, metallized aluminium with excellent reflective properties (>92 %), integrated into a single unit. Integrated in the unit, an acrylic (PMMA) diffuser film to create optimised light properties. The louvre in its standard design is equipped with protective foil over the light opening. The protective foil is easily removed after final cleaning/installation.

Miscellaneous

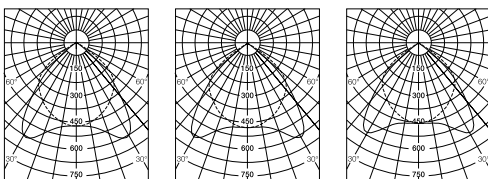
Service life ballast: 100 000/10% (maximum failure rate).

Luminaire										
W	Module	Ra (CRI)	K	SDCM	lm	lm/W	Life	kg		
1 louvre cell										
35	150×1200	≥ 80	3000	3	3850	111	L ₉₀ B ₅₀ 50.000 h	2.6	25712	■
35	150×1200	≥ 80	4000	3	3940	113	L ₉₀ B ₅₀ 50.000 h	2.6	25713	■
35	300×1200	≥ 80	3000	3	3850	111	L ₉₀ B ₅₀ 50.000 h	3.5	25714	■
35	300×1200	≥ 80	4000	3	3940	121	L ₉₀ B ₅₀ 50.000 h	3.5	25715	■
2 louvre cells										
26	600×600	≥ 80	3000	3	2940	112	L ₉₀ B ₅₀ 50.000 h	3.0	25786	■
26	600×600	≥ 80	4000	3	3001	115	L ₉₀ B ₅₀ 50.000 h	3.0	25788	■
36	600×600	≥ 80	3000	3	3851	108	L ₉₀ B ₅₀ 50.000 h	3.0	25815	■
36	600×600	≥ 80	4000	3	3931	110	L ₉₀ B ₅₀ 50.000 h	3.0	25816	■
4 louvre cells										
30	600×600	≥ 80	3000	3	3900	129	L ₉₀ B ₁₀ 50.000 h	3.7	25789	■
30	600×600	≥ 80	4000	3	3950	131	L ₉₀ B ₁₀ 50.000 h	3.7	25791	■
43	600×600	≥ 80	3000	3	5442	125	L ₉₀ B ₁₀ 50.000 h	3.7	25817	■
43	600×600	≥ 80	4000	3	5512	128	L ₉₀ B ₁₀ 50.000 h	3.7	25818	■

For current information, please refer to our website

- Suffix code**
- **-402** DALI/Phase-pulse control
 - **-456** DALI. Wieland GST18i5 (5-way). One outlet socket.
 - **-340** Wago Winsta (3-way). One outlet socket.
 - **-454** DALI. Wago Winsta (5-way). One outlet socket.
 - **-03** Connection cable with plug, L=2.5 m.
 - **-111** Wieland GST18i3 (3-way). One outlet socket.

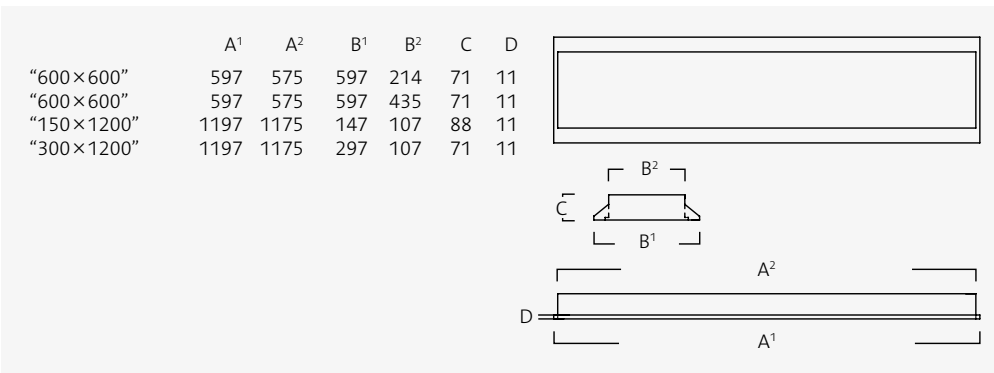
Add suffix code to the end of the luminaire part number to indicate required function. Only one suffix can be added.



150 × 1200,
300 × 1200

4 louvre cells
600 × 600

2 louvre cells
600 × 600



Recesso is designed for ceilings with visible T-bars, the luminaire is positioned on the bars.



Installation

Recessed mounting in ventilated or unventilated suspended ceilings with concealed T-bars (15 or 24 mm). Supplied with suspension fittings.

Connection

Connection to the snap-in terminal block 3-way or 5-way, 2,5 mm². Can also be supplied with mains cable and earthed plug. Can also be equipped with Wieland or Wago connection system.

Design

Body of white enamelled (RAL 9016) sheet steel.

Louvre

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Miscellaneous

Service life ballast: 100 000/10% (maximum failure rate).

Luminaire

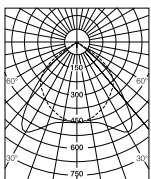
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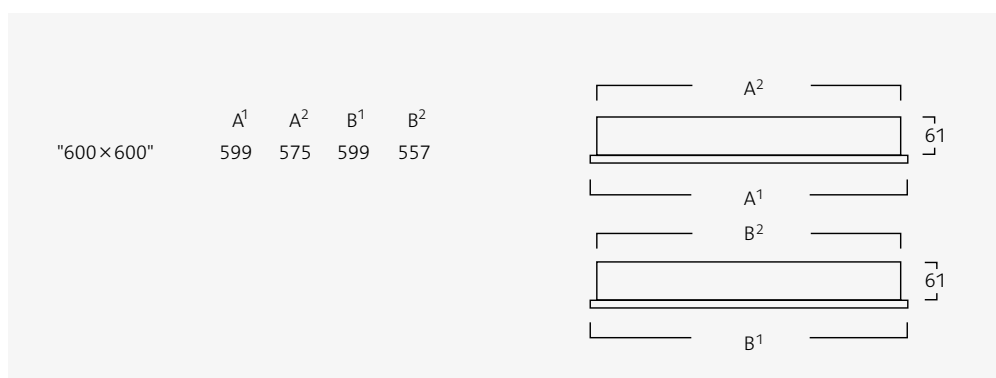
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2 louvre cells
600 × 600



Fagerhult develops, manufactures and markets professional lighting systems for public environments. Our operations are run with a constant focus on design, function, flexibility and energy saving solutions.

Fagerhult is part of the Fagerhult Group, one of Europe's leading lighting groups with operations in more than 15 different countries. AB Fagerhult is listed on the NASDAQ OMX Nordic Exchange in Stockholm.

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