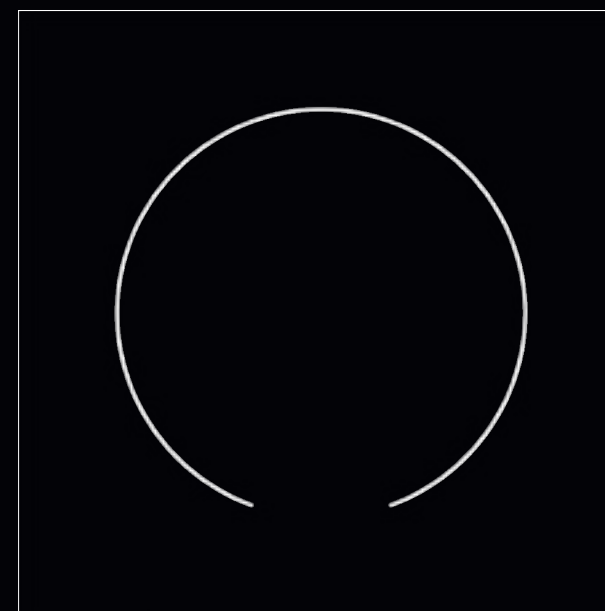
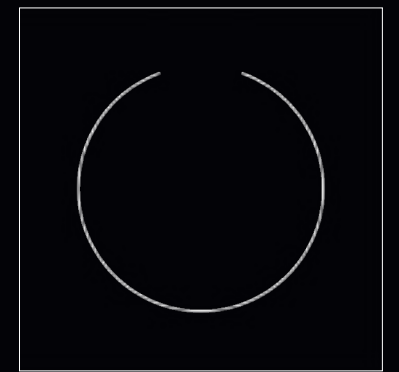
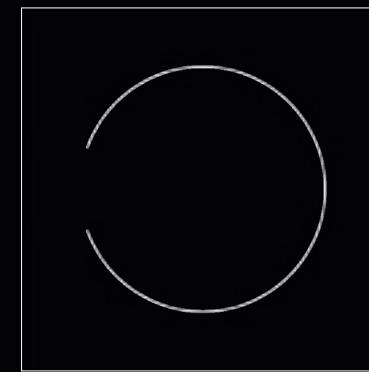
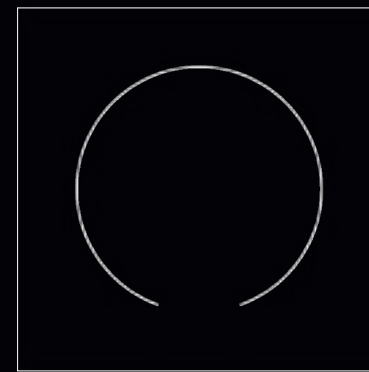


hello,  
my name is  
**minato**







## DESCRIPTION

117 & 115

Minato is a metamorphic lighting object that combines a physical transformation of its shape with the modulation of light. In its closed position you just have a minimal circular incision line. When light is requested, the flexible circle slowly bends inwards to reveal the light.

Integrated electronics assure a smooth and silent transformation in harmony with the intensity of the light. The transformation and light modulation are pre-programmed but can also be controlled independently by the user by means of 0-10V signals.

The light source is a long-life LED engine with a colour temperature of 2.700K (or other on request). Minato is mainly a wall-mounted fixture or a light object for a sideboard. However it can also be integrated in a fibreboard surface with a recess rim.

### SOME TYPICAL EXAMPLES OF USE

- As a decorative light object on a sideboard
- Integrated as feature elements in a waiting room, lobby or entrance
- In a frame on a wall

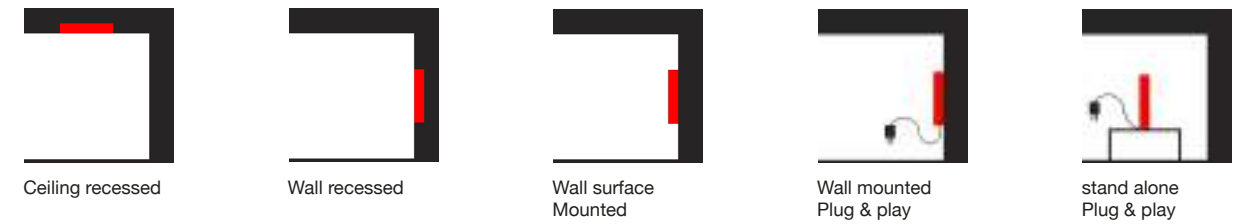
### DESIGNERS

Xaveer Claerhout & Barbara Van Biervliet





Possible ways of application



Dimensions

- Weight: 3,5kg
- Total frontsurface: 325x 325 mm (344 x 344 mm for fibreboard integration version)
- Depth of luminaire: 60 mm
- Flexing part of front: 213 mm diameter

Light

Lightsource

- LED
- CCT: 2.700 K
- Rated Lifetime (L70): > 50.000 hrs
- Luminous Flux: 1.320 lm (source)
- Rated Power: 15 W

Metamorphic unit

- 3,85 W during motion

Technical details

- Built in power supply 24V DC / 20 W
- input: 220 - 240 VAC / 50 - 60 Hz
- Class I device

Mounting options & accessories

- frame for wall or ceiling mounting included in plug & play version

Control of light and motion



For the integrated fixtures and connected surface mounted fixtures:

A. With 0-10V lighting controls:

- 0-10V analog inputs to control either transformation and dimming together (in that case 1 signal required), or transformation and dimming individually (then 2 signals required)
- Individual Kinetura units can be connected in a daisy chain layout for perfect synchronization

B. Optional kinemodule if no control system is available:

- Up to 4 Kinetura luminaires can be controlled with one Kinemodule, both in light and in movement
- The Kinemodule has certain preset scenes for easy installation, but is also programmable with an optional controller to create your own scenes.
- A simple pushbutton or any other NO (normally open) contact starts or stops the scene, or dims the light and movement to a fixed position

C. Optional Bluetooth Smart control module for stand alone operation:

- an optional Bluetooth Smart control (Casambi) can be integrated per luminaire in order to control light and motion scenes from your smartphone

For the plug & play fixtures

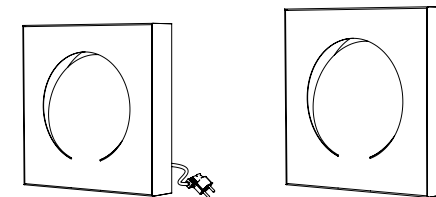
A. the standard plug & play fixture with pushbutton

- a pushbutton with sequential functionality: ON - LOOPING - OFF is integrated in the frame in order to operate and choose the right scenario.

B. optional Bluetooth Smart control module for stand alone operation

- an optional Bluetooth Smart control (Casambi) can be integrated in the plug & play luminaire in order to control light and motion scenarios from your smartphone

- patented metamorphic unit inside for silent transformation
- LED, driver and metamorphic unit are accessible from the backside


















plug & play version



fibreboard integration version

**M Metamorphic luminaires**

Light dimmable, shape automatically transformable

| picture   | item code | colour   | dimensions   | light 1  | light 2 | description   |
|---|-----------|--|--|--|---------|---|
|    | 1170100   | <br>     | H 344 mm<br>W 344 mm<br>D 60 mm<br><br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic for fibreboard<br/>Ghost White inside + Primered flex-front</b><br><br>for integration in fibreboard wall / ceiling<br>(incl. power supply)             |
|    | 1170200   | <br>     | H 344 mm<br>W 344 mm<br>D 60 mm<br><br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic for fibreboard<br/>Venetian Red inside + Primered flex-front</b><br><br>for integration in fibreboard wall / ceiling<br>(incl. power supply)            |
|    | 1170300   | <br>     | H 344 mm<br>W 344 mm<br>D 60 mm<br><br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic for fibreboard<br/>Charcoal Black inside + Primered flex-front</b><br><br>for integration in fibreboard wall / ceiling<br>(incl. power supply)          |
|  | 1170400   | <br> | H 344 mm<br>W 344 mm<br>D 60 mm<br><br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic for fibreboard<br/>Olympic Gold inside + Primered flex-front</b><br><br>for integration in fibreboard wall / ceiling<br>(incl. power supply)            |
|  | 117RR00   | <br> | H 344 mm<br>W 344 mm<br>D 60 mm<br><br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic for fibreboard<br/>RAL Colour upon request inside + Primered flex-front</b><br><br>for integration in fibreboard wall / ceiling<br>(incl. power supply) |

**Options for control**

| picture   | item code | colour | dimensions |  |  | description  |
|---|-----------|--------|------------|--|--|--|
|  | 2170006   |        |            |  |  | <b>MINATO Bluetooth Smart Control</b><br><br>optional module integrated in lamp to control light and motion<br>through smart device application  |
|  | 1500000   |        |            |  |  | <b>KINEMODULE</b><br><br>optional control module for easy installation of several Kinetura<br>metamorphic lamps for the control of light and movement. With<br>4 KINELINKS to control Kinetura luminaires according to certain<br>preset scenarios, in case there is no home control system avail-<br>able or if a preprogrammed installation is required. |

**M Metamorphic luminaires**

Light dimmable, shape automatically transformable

































| picture | item code | colour | dimensions   | light 1  | light 2 | description  |
|---------|-----------|--------|--|--|---------|--|
|         | 11501013  |        | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play<br/>Ghost White inside + Ghost White flex-front<br/>Black frame</b><br>cable and plug included   |
|         | 11501013B |        | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play<br/>Ghost White inside + Ghost White flex-front<br/>Black frame with Bluetooth Smart control</b><br>bluetooth module, cable and plug included    |
|         | 11502013  |        | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play<br/>Venetian Red inside + Ghost White flex-front<br/>Black frame</b><br>cable and plug included  |
|         | 11502013B |        | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play<br/>Venetian Red inside + Ghost White flex-front<br/>Black frame with Bluetooth Smart control</b><br>bluetooth module, cable and plug included   |
|         | 11503013  |        | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play<br/>Charcoal Black inside + Ghost White flex-front<br/>Black frame</b><br>cable and plug included  |
|         | 11503013B |        | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play<br/>Charcoal Black inside + Ghost White flex-front<br/>Black frame with Bluetooth Smart control</b><br>bluetooth module, cable and plug included |
|         | 11504013  |        | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play<br/>Olympic Gold inside + Ghost White flex-front<br/>Black frame</b><br>cable and plug included  |
|         | 11504013B |        | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play<br/>Olympic Gold inside + Ghost White flex-front<br/>Black frame with Bluetooth Smart control</b><br>bluetooth module, cable and plug included   |

| picture | item code | colour | dimensions   | light 1  | light 2 | description  |
|---------|-----------|--------|--|--|---------|--|
|         | 11504093  |        | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play<br/>Olympic Gold inside + Bronze aged patina flex-front, Black<br/>frame</b><br>cable and plug included  |
|         | 11504093B |        | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play<br/>Olympic Gold inside + Bronze aged patina flex-front, Black<br/>frame with Bluetooth Smart control</b><br>bluetooth module, cable and plug included       |
|         | 11504103  |        | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play<br/>Olympic Gold inside + Brass aged patina flex-front<br/>Black frame</b><br>cable and plug included  |
|         | 11504103B |        | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play<br/>Olympic Gold inside + Brass aged patina flex-front<br/>Black frame with Bluetooth Smart control</b><br>bluetooth module, cable and plug included         |
|         | 11504113  |        | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play<br/>Olympic Gold inside + Tiffany Green patina flex-front<br/>Black frame</b><br>cable and plug included   |
|         | 11504113B |        | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play<br/>Olympic Gold inside + Tiffany Green aged patina flex-front<br/>Black frame with Bluetooth Smart control</b><br>bluetooth module, cable and plug included |



**M Metamorphic luminaires**

Light dimmable, shape automatically transformable

| picture   | item code      | colour  | dimensions   | light 1  | light 2 | description  |
|---|----------------|---|--|--|---------|--|
|    | 11501011       | <br><br>       | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play</b><br><b>Ghost White inside + Ghost White flex-front</b><br><b>White frame</b><br>cable and plug included   |
|    | 11501011B<br>✈ | <br><br>       | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play</b><br><b>Ghost White inside + Ghost White flex-front</b><br><b>White frame with Bluetooth Smart control</b><br>bluetooth module, cable and plug included    |
|    | 11502011       | <br><br>       | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play</b><br><b>Venetian Red inside + Ghost White flex-front</b><br><b>White frame</b><br>cable and plug included  |
|  | 11502011B<br>✈ | <br><br> | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play</b><br><b>Venetian Red inside + Ghost White flex-front</b><br><b>White frame with Bluetooth Smart control</b><br>bluetooth module, cable and plug included   |
|  | 11503011       | <br><br> | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play</b><br><b>Charcoal Black inside + Ghost White flex-front</b><br><b>White frame</b><br>cable and plug included  |
|  | 11503011B<br>✈ | <br><br> | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play</b><br><b>Charcoal Black inside + Ghost White flex-front</b><br><b>White frame with Bluetooth Smart control</b><br>bluetooth module, cable and plug included |
|  | 11504011       | <br><br> | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play</b><br><b>Olympic Gold inside + Ghost White flex-front</b><br><b>White frame</b><br>cable and plug included  |
|  | 11504011B<br>✈ | <br><br> | H 325 mm<br>W 325 mm<br>D 60 mm<br>flexing part:<br>Ø 213 mm | LED<br>2.700 K<br>> 50.000 h<br>1.320 lm<br>(source)<br>12 W |         | <b>MINATO metamorphic plug &amp; play</b><br><b>Olympic Gold inside + Ghost White flex-front</b><br><b>White frame with Bluetooth Smart control</b><br>bluetooth module, cable and plug included   |

