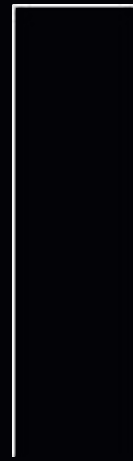


hello,
my name is
santiago







Santiago is a metamorphic lighting object that combines a physical transformation of its shape with a modulation of light. In its closed position you just have a minimal incision line. When light is requested, the flexible rectangle 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 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). Santiago can be seamlessly integrated in walls or ceilings as an uplighter or downlighter.

Besides the Metamorphic version, Santiago is also available in a Sculptable version, meaning that the surface is not automatically transforming, but it is manually adjustable during installation to obtain the desired curve.

SOME TYPICAL EXAMPLES OF USE

- Interactive up-or downlights in an entrance hall
- In a bed headboard to gently wake you up
- In a ceiling to dynamically accentuate a wall element
- In a corridor to create a dynamical light path on the floor

DESIGNERS

Xaveer Claerhout & Barbara Van Biervliet

IF award + Reddot Award for Santiago





Possible ways of application



Ceiling recessed



Wall recessed



Dimensions

- Weight: 3,5kg
- total frontsurface : 490 x 190 mm (600 x 280 mm for seamless version)
- depth of luminaire : 72 mm
- flexing part of front : 350 mm x 97 mm

Mounting options & accessories

- mounting frame for seamless integration in plasterboard
- concrete box for integration in solid walls / ceilings

Light

Lightsource

- LED spot
- CRI> 90
- CCT: 2.700 K
- Rated Lifetime (L70): > 50.000 hrs
- Luminous Flux: 670 lm
- Rated Power: 12 W (source) / 16 W (luminaire)

Control of light and motion



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:

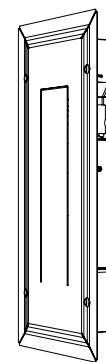
- an optional Bluetooth Smart control (Casambi) can be integrated per luminaire in order to control light and motion scenes from your smartphone

Metamorphic unit

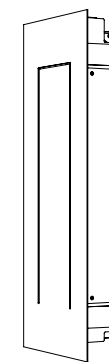
- 3,85 W during motion

Technical details

- Built in power supply 24V DC / 36 W
- input: 110 - 240 VAC / 50 - 60 Hz
- rated voltage: 220 - 240 VAC / 50 - 60 Hz
- Class I device
- patented metamorphic unit inside for silent transformation
- LED, driver and metamorphic unit are accessible after installation



seamless integration version


















fibreboard integration version

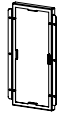
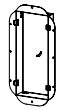


M Metamorphic luminaires



Light dimmable, shape automatically transformable

picture	item code	colour	dimensions	light 1	light 2	description
	1020100G	 	H 600 mm W 280 mm D 72 mm flexing part: 350 x 97mm	LED 2.700 K > 50.000 h CRI95 680 lm (source) 12 W		SANTIAGO metamorphic seamless Ghost White inside + Primered flex-front for seamless integration in plasterboard or plastered wall / ceiling (incl. power supply but excl. mounting frame or concrete box)
	1020200G	 	H 600 mm W 280 mm D 72 mm flexing part: 350 x 97mm	LED 2.700 K > 50.000 h CRI95 680 lm (source) 12 W		SANTIAGO metamorphic seamless Venetian Red inside + Primered flex-front for seamless integration in plasterboard or plastered wall / ceiling (incl. power supply but excl. mounting frame or concrete box)
	1020300G	 	H 600 mm W 280 mm D 72 mm flexing part: 350 x 97mm	LED 2.700 K > 50.000 h CRI95 680 lm (source) 12 W		SANTIAGO metamorphic seamless Charcoal Black inside + Primered flex-front for seamless integration in plasterboard or plastered wall / ceiling (incl. power supply but excl. mounting frame or concrete box)
	1020400G	 	H 600 mm W 280 mm D 72 mm flexing part: 350 x 97mm	LED 2.700 K > 50.000 h CRI95 680 lm (source) 12 W		SANTIAGO metamorphic seamless Olympic Gold inside + Primered flex-front for seamless integration in plasterboard or plastered wall / ceiling (incl. power supply but excl. mounting frame or concrete box)
	102RR00G	 	H 600 mm W 280 mm D 72 mm flexing part: 350 x 97mm	LED 2.700 K > 50.000 h CRI95 680 lm (source) 12 W		SANTIAGO metamorphic seamless RAL Colour upon request inside + Primered flex-front for seamless integration in plasterboard or plastered wall / ceiling (incl. power supply but excl. mounting frame or concrete box)

Options for installation
















picture	item code	colour	dimensions			description
	2020002G					SANTIAGO Mounting frame for plasterboard accessory for seamless integration in plasterboard walls / ceilings
	2020007G					SANTIAGO Concrete box accessory for seamless integration in plastered masonry and concrete walls / ceilings

Options for control



picture	item code	colour	dimensions			description
	2020006					SANTIAGO Bluetooth Smart Control optional module integrated in lamp to control light and motion through smart device application
	1500000					KINEMODULE optional control module for easy installation of several Kinetura metamorphic lamps for the control of light and movement. With 4 KINELINKS to control Kinetura luminaires according to certain preset scenarios, in case there is no home control system avail- 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
	1020100	 	H 490 mm W 190 mm D 72 mm flexing part: 350 x 97mm	LED 2.700 K CRI90 > 50.000 h 670 lm 12 W		SANTIAGO metamorphic for fibreboard Ghost White inside + Primered flex-front for integration in fibreboard wall / ceiling (incl. power supply)
	1020200	 	H 490 mm W 190 mm D 72 mm flexing part: 350 x 97mm	LED 2.700 K CRI90 > 50.000 h 670 lm 12 W		SANTIAGO metamorphic for fibreboard Venetian Red inside + Primered flex-front for integration in fibreboard wall / ceiling (incl. power supply)
	1020300	 	H 490 mm W 190 mm D 72 mm flexing part: 350 x 97mm	LED 2.700 K CRI90 > 50.000 h 670 lm 12 W		SANTIAGO metamorphic for fibreboard Charcoal Black inside + Primered flex-front for integration in fibreboard wall / ceiling (incl. power supply)
	1020400	 	H 490 mm W 190 mm D 72 mm flexing part: 350 x 97mm	LED 2.700 K CRI90 > 50.000 h 670 lm 12 W		SANTIAGO metamorphic for fibreboard Olympic Gold inside + Primered flex-front for integration in fibreboard wall / ceiling (incl. power supply)
	102RR00	 	H 490 mm W 190 mm D 72 mm flexing part: 350 x 97mm	LED 2.700 K CRI90 > 50.000 h 670 lm 12 W		SANTIAGO metamorphic for fibreboard RAL Colour upon request inside + Primered flex-front for integration in fibreboard wall / ceiling (incl. power supply)

Options for control

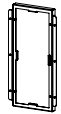
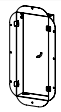
picture	item code	colour	dimensions			description
	2020006					SANTIAGO Bluetooth Smart Control optional module integrated in lamp to control light and motion through smart device application
	1500000					KINEMODULE optional control module for easy installation of several Kinetura metamorphic lamps for the control of light and movement. With 4 KINELINKS to control Kinetura luminaires according to certain preset scenarios, in case there is no home control system available or if a preprogrammed installation is required.

S **Sculptable luminaires**

Light dimmable, shape manually adjustable during installation

picture	item code	colour	dimensions	light 1	light 2	description
	1020100S	 	H 600 mm W 280 mm D 72 mm flexing part: 350 x 97mm	LED 2.700 K > 50.000 h CRI95 680 lm (source) 12 W		SANTIAGO sculptable seamless Ghost White inside + Primered flex-front for seamless integration in plasterboard or plastered wall / ceiling (incl. power supply but excl. mounting frame or concrete box)
	1020200S	 	H 600 mm W 280 mm D 72 mm flexing part: 350 x 97mm	LED 2.700 K > 50.000 h CRI95 680 lm (source) 12 W		SANTIAGO sculptable seamless Venetian Red inside + Primered flex-front for seamless integration in plasterboard or plastered wall / ceiling (incl. power supply but excl. mounting frame or concrete box)
	1020300S	 	H 600 mm W 280 mm D 72 mm flexing part: 350 x 97mm	LED 2.700 K > 50.000 h CRI95 680 lm (source) 12 W		SANTIAGO sculptable seamless Charcoal Black inside + Primered flex-front for seamless integration in plasterboard or plastered wall / ceiling (incl. power supply but excl. mounting frame or concrete box)
	1020400S	 	H 600 mm W 280 mm D 72 mm flexing part: 350 x 97mm	LED 2.700 K > 50.000 h CRI95 680 lm (source) 12 W		SANTIAGO sculptable seamless Olympic Gold inside + Primered flex-front for seamless integration in plasterboard or plastered wall / ceiling (incl. power supply but excl. mounting frame or concrete box)
	102RR00S	 	H 600 mm W 280 mm D 72 mm flexing part: 350 x 97mm	LED 2.700 K > 50.000 h CRI95 680 lm (source) 12 W		SANTIAGO sculptable seamless RAL Colour upon request inside + Primered flex-front for seamless integration in plasterboard or plastered wall / ceiling (incl. power supply but excl. mounting frame or concrete box)

Options for installation

picture	item code	colour	dimensions			description
	2020002G					SANTIAGO Mounting frame for plasterboard accessory for seamless integration in plasterboard walls / ceilings
	2020007G					SANTIAGO Concrete box accessory for seamless integration in plastered masonry and concrete walls / ceilings