DREAM REALIZATION EXCLUSIVITY
PROCESS TECHNICAL AND EMOTIONAL
MAGIC BECOMES REAL SCIENTIFIC
PROCESS PERSONAL SPACE CYBER
SPACE TECHNICAL AND EMOTIONAL
DIGITAL LANDSCAPE TOP SERVICE
INDIVIDUAL AND MASS CUSTOMISATION
QUALITY EMOTIONAL CONNECTIVITY
PURITY INNOVATION **MATERIALISE.MGX**

MATERIALISE

Materialise combines art and technology by using its high-tech background to produce this series of exceptional lampshades. Our exclusive lamps are created through prototyping techniques - stereolithography and selective laser sintering - that offer almost unlimited freedom of design. Our aim is to unleash a new era of mass customised design based on this technology. Our 14 years experience with rapid prototyping technology and software enables us to meet the customer's wildest dreams for mass-customised consumer products. With today's high-performance computed 3D systems and the increasing usage of unlimited e-communication we can undoubtedly fulfil our end user's design and manufacture requirements.

For those unfamiliar with rapid prototyping technologies, it is easy to depict this technology by comparing it with familiar inkjet printing. Instead of building up a text, this technology actually constructs a 3D object by adding one slice on top of another in a vessel of liquid polymer (for stereolithography) or powder (for selective laser sintering) that hardens when struck by a laser beam. With the software developed by Materialise and with 3-dimensional printing technology it has now become possible to translate 3D visual effects into actual 3D material structure.

MAGICS

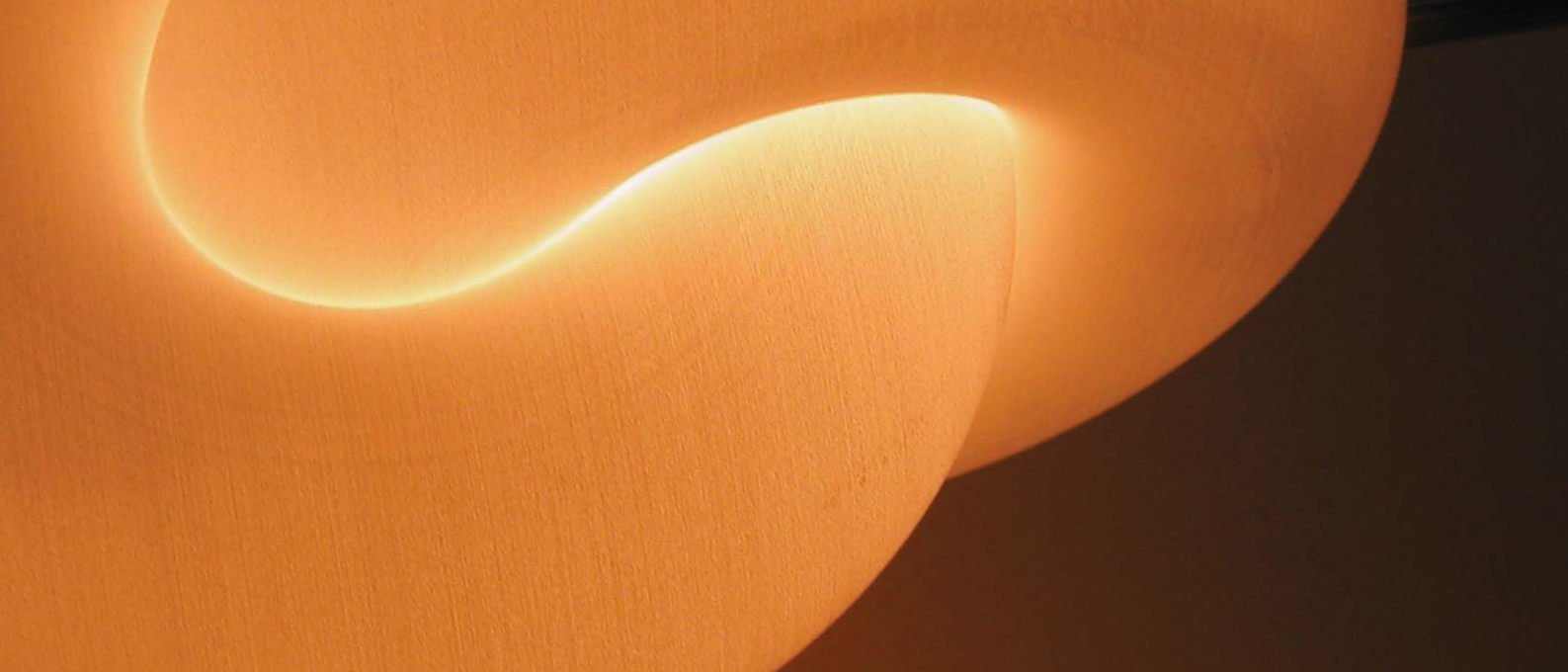
The Materialise software guides designers through their product development process. The CAD file of the design should first be transformed into an STL-file to make the use of rapid prototyping techniques accessible. Magics, our indoor developed software, turns the original file into an STL-file and offers a whole range of functions to correct any mistakes that may be created during the conversion. To assist with the preparation of files for the rapid prototyping process, Magics uses very advanced and automated functions. Magics is an indispensable software tool that helps to achieve high-quality rapid prototyping objects.

.MGX

You might be wondering why Materialise products are named with the *.mgx extension ? *.mgx is the file extension for Magics software. Each product produced by Materialise is represented by an *.mgx file which is added to the product on a CD Rom. One can reproduce a design by sending the product's *.mgx file to Materialise. Perhaps it will not be in the far future when data will be used to replace 3D objects. For example, it might be possible to download products from the web in the same manner as mp3s are being downloaded today.

BRAND PHILOSOPHY

MGX's Brand Philosophy is based on dynamic and total transformative experience. It allows designers, engineers and manufacturers alike to explore the infinite possibilities of 3D Printing, in a new and dynamic way. MGX provides an innovative approach in bridging the gap between idea and reality by making it possible to materialise whatever you dream.



TORUS.MGX

Designed by Jiri Evenhuis

Technique:	SLS
Material:	polyamide (nylon)
Colour:	white
Design:	chrome coated, dark wood

Models available:

Floor lamp:	155cm (shade size 200 x 200 x 264mm)
Lamp:	halogen max 20W - dimmable

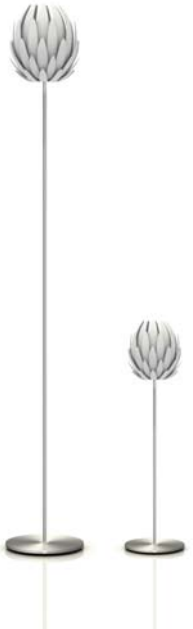
LILY.MGX

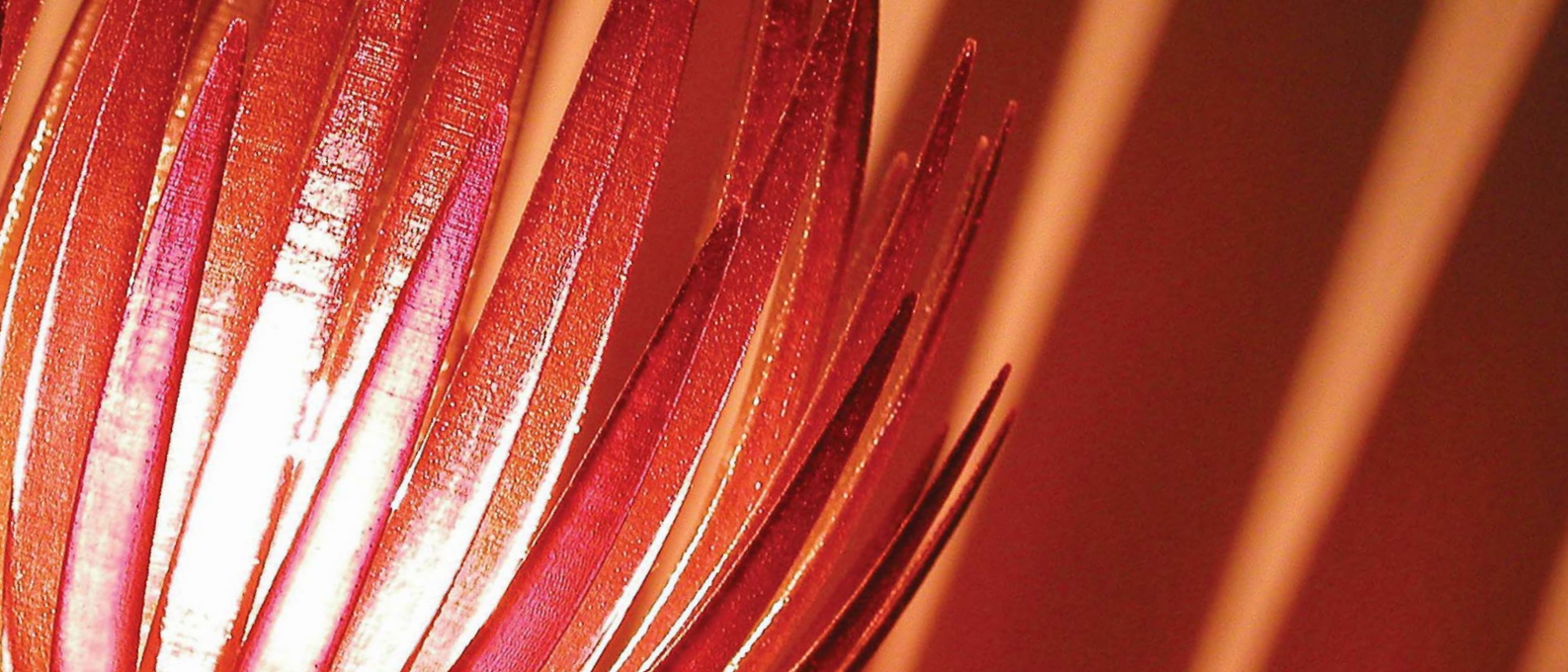
Designed by Janne Kyttanen

Technique:	SLS
Material:	polyamide (nylon)
Colour:	white
Design:	chrome coated, stainless steel

Models available:

Floor lamp:	155cm (shade size ⌀ 165mm, h 180mm)
Table lamp:	55cm (shade size ⌀ 60mm, h 123mm)
Lamp:	halogen max 50W - dimmable





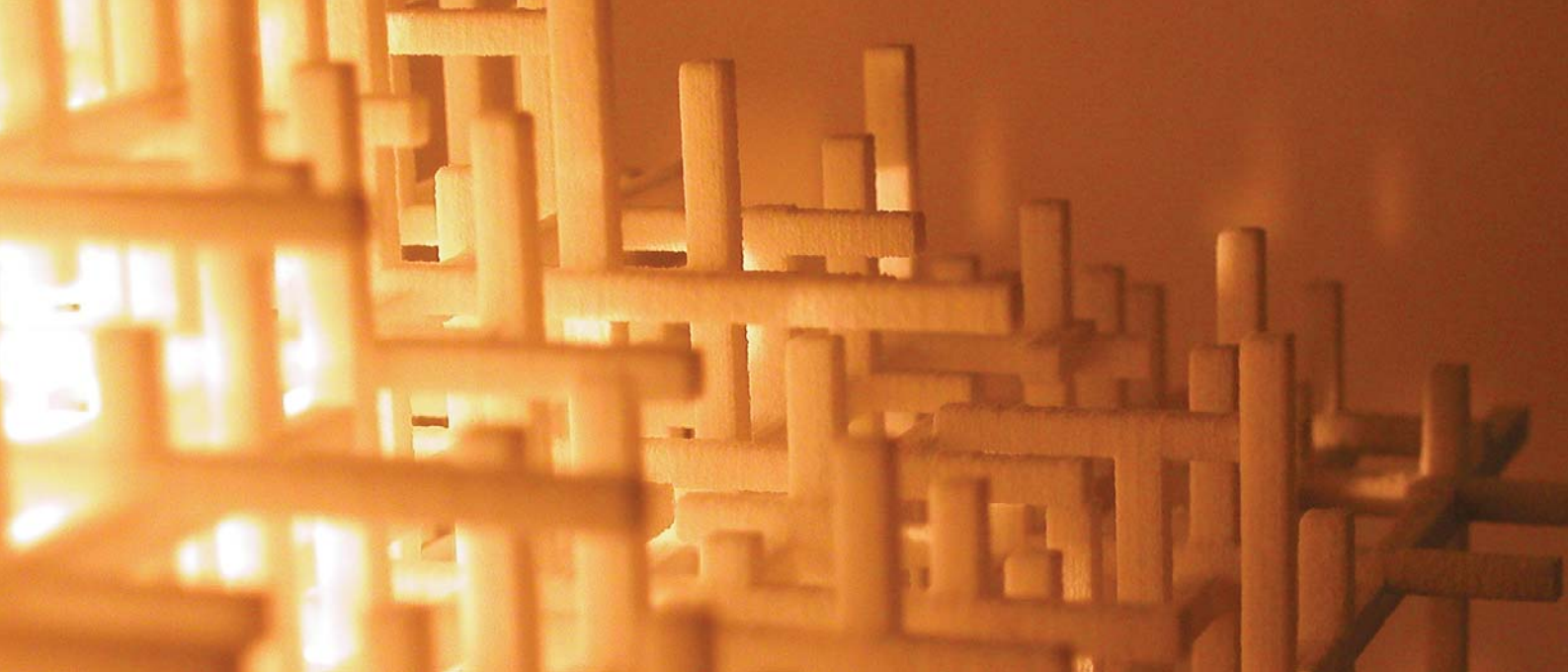
LOTUS.MGX

Designed by Janne Kyttanen

Technique:	SLA
Material:	epoxy
Colour:	red, terra cotta, amber, champaign
Design:	chrome coated, stainless steel

Models available:

Floor lamp:	155cm (shade size ⌀ 175mm, h 165mm)
Table lamp:	55cm (shade size ⌀ 145mm, h 135mm)
Lamp:	halogen max 50W - dimmable



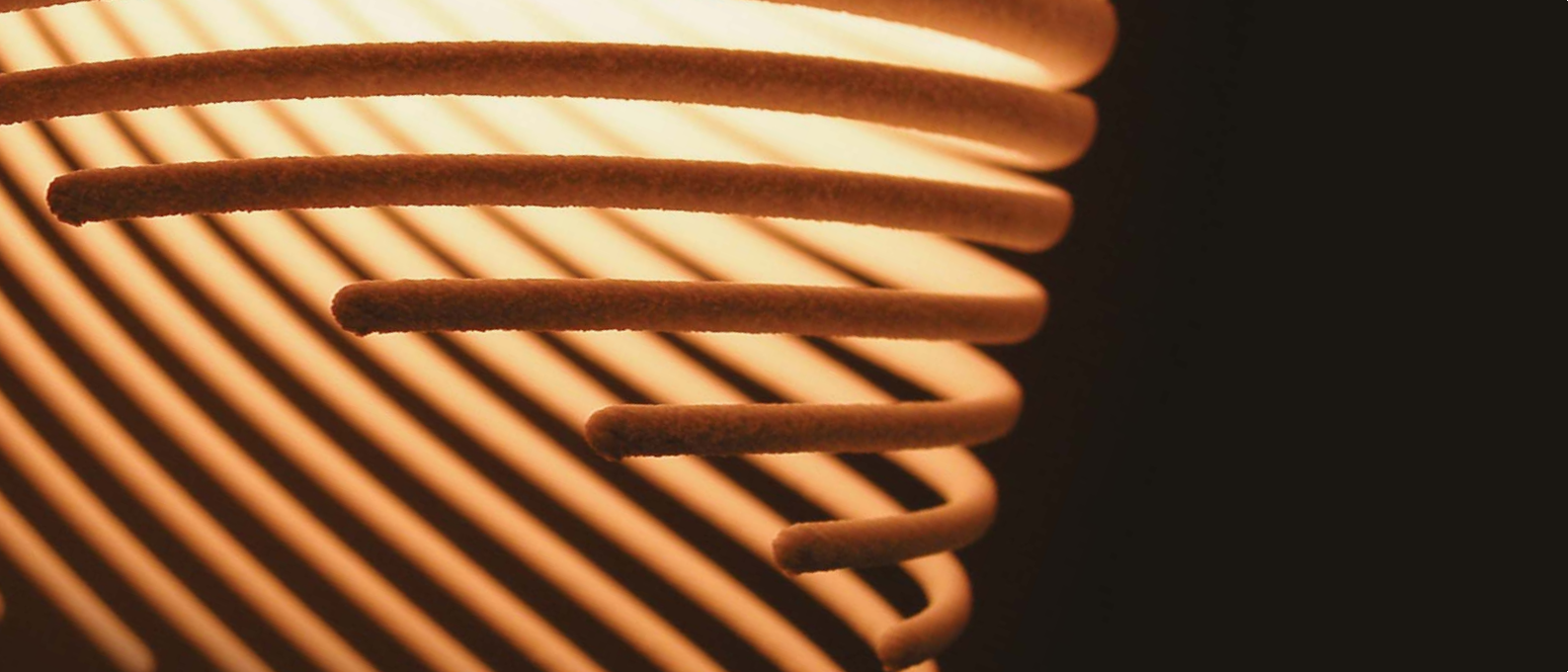
METROPOLIS_II.MGX

Designed by Jiri Evenhuis

Technique:	SLS
Material:	polyamide (nylon)
Colour:	white
Design:	chrome coated, gray concrete

Models available:

Floor lamp:	135cm (shade size 200 x 233 x 233mm or 260 x 295 x 295mm)
Lamp:	halogen max 20W - dimmable



TWISTER.MGX

Designed by Janne Kyttanen

Technique:	SLS
Material:	polyamide (nylon)
Colour:	white
Design:	chrome coated, stainless steel

Models available:

Floor lamp:	155cm (shade size ⌀ 115mm, h 170mm)
Table lamp:	55cm (shade size ⌀ 105mm, h 155mm)
Lamp:	halogen max 50W - dimmable

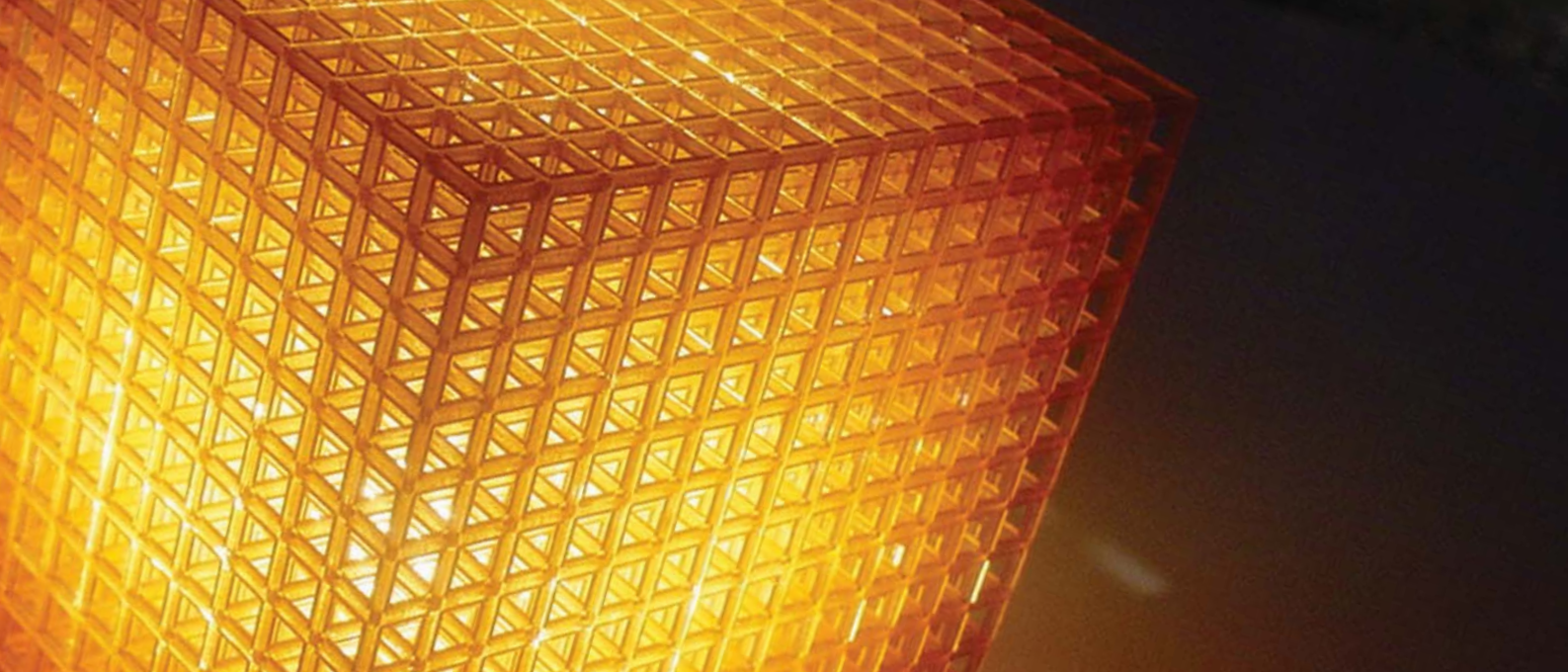
RATIO.MGX

Designed by Naomi Kaempfer

Technique:	SLS
Material:	polyamide (nylon)
Colour:	white
Design:	chrome coated, concrete (black/white)

Models available:

Floor lamp:	150cm (shade size 160 x 165 x 200mm)
Table lamp:	58cm (shade size 160 x 135 x 130mm)
Lamp:	halogen max 50W - dimmable



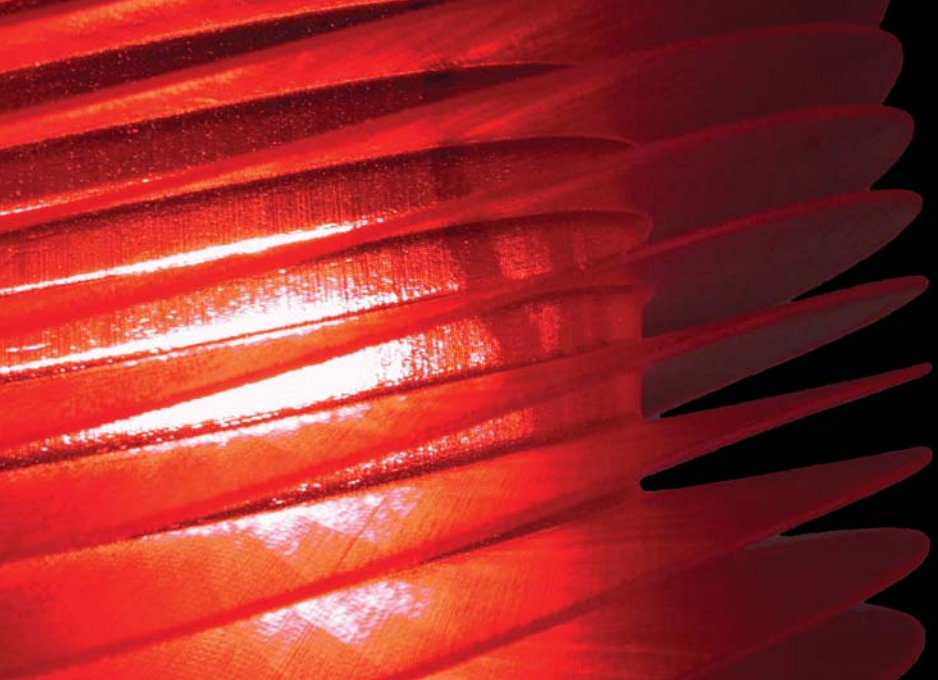
OPEN_CUBE.MGX

Designed by Jiri Evenhuis

Technique:	SLA
Material:	epoxy
Colour:	terra cotta
Design:	aluminium

Models available:

Table lamp:	15cm (shade size 150 x 150 x 150mm)
Lamp:	halogen max 20W - dimmable



PALEA.MGX

Designed by Dan Yeffet 'Jelly Lab'

Technique:	SLA
Material:	epoxy
Colour:	indian red, red, terra cotta, champaign, mustard green, grass green
Design:	aluminium, stainless steel

Models available:

Hanging lamps:	small version: 135 x 155 x 245mm
	big version: 175 x 230 x 320mm
Lamp:	halogen max 50W

DESIGNERS

Janne Kyttanen & Jiri Evenhuis
Freedom Of Creation

Dan Yeffet
Jellylab

Naomi Kaempfer
Art director Materialise

COLOR SWATCHES

indian red

red

terra cotta

amber

champaign

mustard green

grass green

MATERIALISE YOUR DREAMS

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