

# ATELIER ROBOTIQ

FIBER PATTERN LAMP SERIES





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A story about mixing fine arts with a fascinating robotic winding technology.

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The UFO is so light and open that it seems to float in the air.

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What would happen if the robot someday shows human-like behavior and drifts away while working...

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When day meets night, magical colors appear in the sky.

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# Atelier Robotiq

## ABOUT

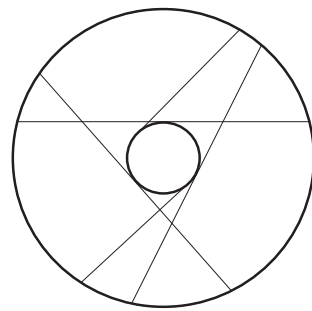
Atelier Robotiq is a Rotterdam based design company founded by Søren Blomaard and Anne-Lise Heydra.

Their different backgrounds combining robotics, aerospace engineering, product design and fine arts leads to unexpected and exciting products.

For their mesmerizing Fiber Pattern Lamp series they experiment using an Aerospace fiber winding technology and an industrial

robot for weaving light and open fiber structures. Our Fiber Pattern Lamps are being manufactured in the mini-factory in the city center of Rotterdam.

The team of Atelier Robotiq loves to experiment with new materials and truly get to know a production process, learning new things and taking time for ideas and designs to grow and mature.







# UFO

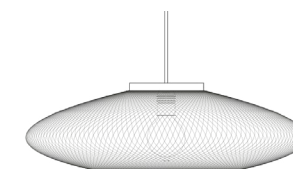
For the Fiber Pattern Lamp series we experiment with robotic weaving techniques. The geometrical weave patterns are designed using mathematical models and manufactured with an industrial robot.

The Fiber Pattern Lamp is made of resin-impregnated fibers. The fibers are wound with a industrial robot around a mold in geometric patterns. The result is a mesmerizing lightweight and strong lamp.

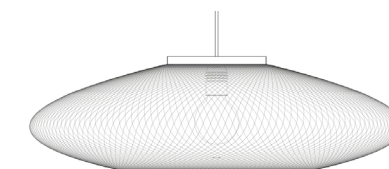
## THREE SIZES



Small  
Ø 40 cm / Ø 15.7"



Medium  
Ø 60 cm / Ø 25"

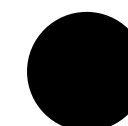


Large  
Ø 80 cm / Ø 31.5"

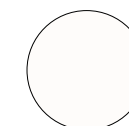
## FIVE COLORS



Copper



Black



White



Moss  
Green



Iridescent  
Black





# UFO – White

## SPECIFICATIONS

Fiber:	Resin-impregnated industrial fiber
Pendant:	Copper/ brass/ black coated stainless steel
Electrical wire:	Braided cord in black-white / white / black
Ceiling rose:	White or black coated metal half sphere, Ø 10cm
Pattern:	Full pattern or Open pattern
Fitting:	E14 (Small UFO) / E27 (Medium & Large UFO)
Length cord:	Standard 150 cm / longer length on request



Based on the Aerospace lightness principle the fibers are following geodesic lines ( the shortest path between points in space) resulting in minimalistic lamp designs.





# UFO – Copper

## SPECIFICATIONS

- Fiber: Resin-impregnated industrial fiber  
Pendant: Copper/ brass/ black coated stainless steel  
Electrical wire: Braided cord in black-white / white / black  
Ceiling rose: White or black coated metal half sphere, Ø 10 cm
- Pattern: Full pattern or Open pattern  
Fitting: E14 (Small UFO) / E27 (Medium & Large UFO)  
Length cord: Standard 150 cm / longer length on request



The pattern is created by repetition of the single fiber path around the mandrell. This way we create the geometrical patterns.





## UFO – Black

### SPECIFICATIONS

Fiber:	Resin-impregnated industrial fiber
Pendant:	Copper/ brass/ black coated stainless steel
Electrical wire:	Braided cord in black-white / white / black
Ceiling rose:	White or black coated metal half sphere, Ø 10cm
Pattern:	Full pattern or Open pattern
Fitting:	E14 (Small UFO) / E27 (Medium & Large UFO)
Length cord:	Standard 150 cm / longer length on request

SPECIFICATIONS

Fiber: Resin-impregnated industrial fiber  
Pendant: Brass or Black coated stainless steel  
Electrical wire: Braided cord in moss green / black  
Ceiling rose: White or black coated metal half sphere, Ø 10cm

Pattern: Full pattern or Open pattern  
Fitting: E14 (Small UFO) / E27 (Medium & Large UFO)  
Length cord: Standard 150 cm / longer length on request



UFO – Moss Green





# UFO – Iridescent

## SPECIFICATIONS

Fiber: Resin-impregnated industrial fiber  
Pendant: Black coated stainless steel  
Electrical wire: Braided cord in black  
Ceiling rose: White or black coated metal half sphere, Ø 10cm

Pattern: Full pattern or Open pattern  
Fitting: E14 (Small UFO) / E27 (Medium & Large UFO)  
Length cord: Standard 150 cm / longer length on request

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The Iridescent Black UFO is inspired on the lightness and colours of the dragonfly and butterfly wings. A change of angle unveils an amazing spectrum of iridescent colours.





**Out Of Order** is the result of a collaboration between Amsterdam based interdisciplinary design studio BCXSY and Rotterdam-based design studio Atelier Robotiq.

# OUT OF ORDER

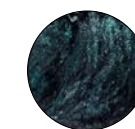
Out of Order – an innovative LED light fixture that visualizes the transition from a repetitive robotic order to a disordered structure created out of ‘free will’ by the industrial robot.

The ultra lightweight cylindrical construction consists solely of wound industrial yarn, reinforced with resin, that resembles a three-dimensional play of lines suspended in space.

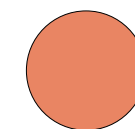
## ONE SIZE

Length: 105 cm / Diameter: 13 cm

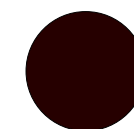
## FOUR COLORS



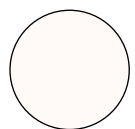
**Iridescent  
Black**



**Coral**



**Black**



**White**

## SPECIFICATIONS

LED tube: 16,5W (100W), 100 cm 2700K 230V dimmable opale  
Length cord: 150 cm (adjustable)



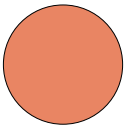


# OUT OF ORDER

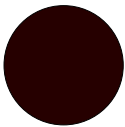
FOUR COLORS



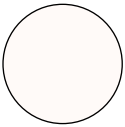
Iridescent Black



Coral



Black



White







Golden Hour

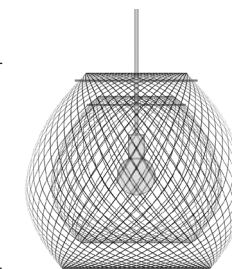
# TWILIGHT SET

When day meets night, Twilight appears.  
The Twilight is a fiber sculpture of fine lines drawn into the air shaping her presence.

The transition of day into night and their moment of coexistence is captured by the two shapes merging into one another. As you wonder how the one shape could have entered inside the other they also seem to naturally coexist in perfect balance. The fiber colors appearing in transparent layers give subtle hints of pink, blue and warm yellow tones, reflecting the twilight skies.

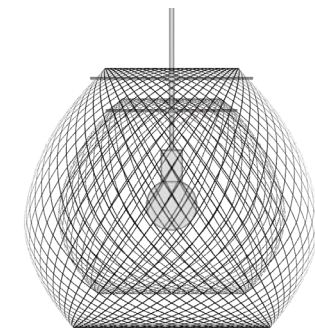
## TWO SET SIZES

68 cm  
49 cm



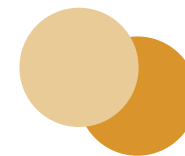
**Medium**  
Ø 55 cm / Ø 21,6 "  
H 68 cm (height with  
brass holder)  
H 49 cm (height fiber  
shade)

96 cm  
64 cm

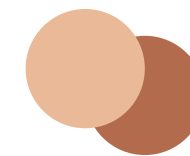


**Large Set**  
Ø 72 cm / Ø 28 "  
H 96 cm (height with  
brass holder)  
H 64 cm (height fiber  
shade)

## THREE COLORS TON-SUR-TON



Golden Hour



Pink Moon



Indigo Nights



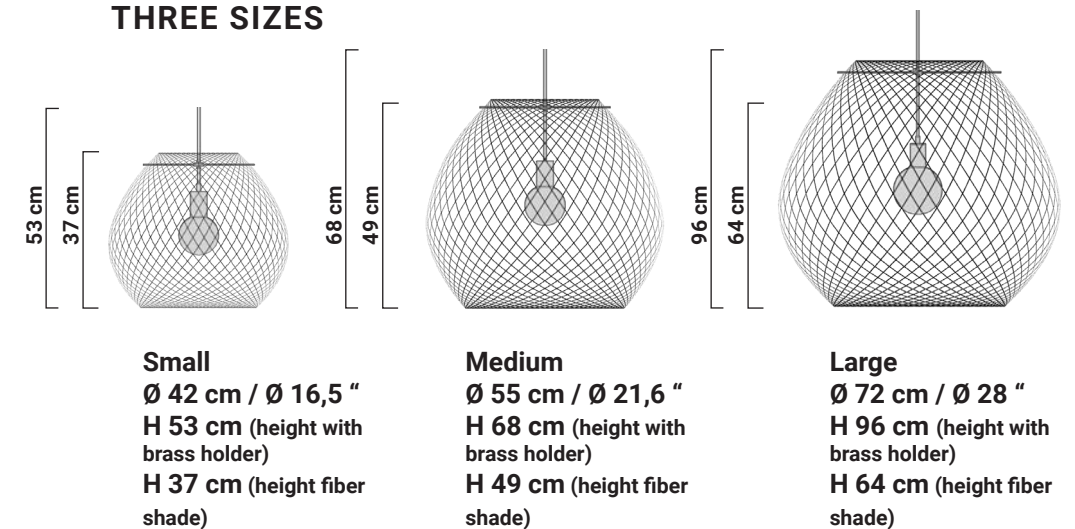
LIGHT Indigo Nights

# TWILIGHT SINGLE

The Twilight lamps are designed using the same Aerospace lightweight engineering principles as Atelier Robotiq's earlier UFO fiber pattern lamps.

The Twilight lamps comprise a minimum of lines exactly enough to represent and hold the shape. Searching for the boundaries of this new kevlar material resulted in a structure, which is unimaginably light and strong. The largest bubble with a height of 64cm and a diameter of 72cm, only weighs 80 grams.

## THREE SIZES



## SIX COLORS







# TWILIGHT GOLDEN HOUR

## SPECIFICATIONS

Fiber: Resin-impregnated industrial fiber  
 Pendant: Brass  
 Electrical wire: Braided cord in black  
 Ceiling rose: White or black coated metal round disc, Ø 10cm

Set: Medium Set / Large Set  
 Single: Small, Medium and Large  
 Fitting: E27 (bulb in Ø 95mm and in Ø 125mm)  
 Length cord: Standard 150 cm / longer length on request



# TWILIGHT **Pink Moon**

## SPECIFICATIONS

- Fiber: Resin-impregnated industrial fiber  
Pendant: Brass  
Electrical wire: Braided cord in black  
Ceiling rose: White or black coated metal round disc, Ø 10cm
- Set: Medium Set / Large Set  
Single: Small, Medium and Large  
Fitting: E27 (bulb in Ø 95mm and in Ø 125mm)  
Length cord: Standard 150 cm / longer length on request

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When day  
meets night  
A soft glowing  
light arises  
Blending colors  
of two worlds





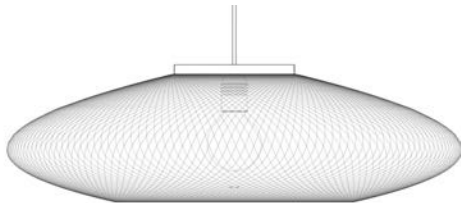
# TWILIGHT Indigo Nights

## SPECIFICATIONS

Fiber:	Resin-impregnated industrial fiber
Pendant:	Brass
Electrical wire:	Braided cord in black
Ceiling rose:	White or black coated metal round disc, Ø 10cm

Set:	Medium Set / Large Set
Single:	Small, Medium and Large
Fitting:	E27 (bulb in Ø 95mm and in Ø 125mm)
Length cord:	Standard 150 cm / longer length on request

# Pricing



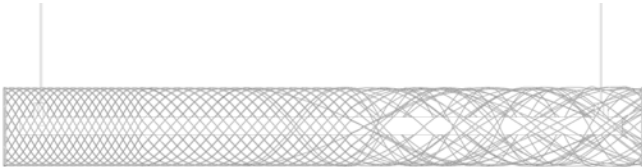
## UFO

SMALL  
Ø 40 cm

MEDIUM  
Ø 60 cm

LARGE  
Ø 80 cm

White	€400	€ 578	€ 918
Copper			
Black			
Green			
Iridescent	€418	€628	€968



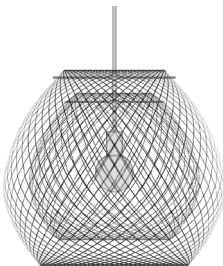
## 000

105 CM

Black	
Coral	€ 918
White	
Iridescent	

All prices are incl. VAT

# Pricing

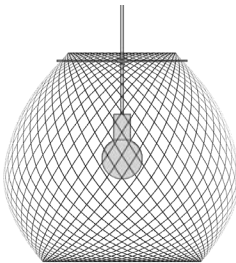
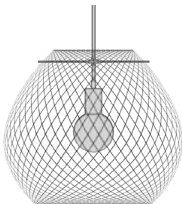


## TWILIGHT SET

MEDIUM  
Ø 55 cm

LARGE  
Ø 72 cm

Golden Hour	€ 1040	€ 1468
Indigo Night		
Pink Moon		



## SINGLE

SMALL  
Ø 43 cm

MEDIUM  
Ø 55 cm

LARGE  
Ø 72 cm

Golden Hour LIGHT DARK	€ 430	€ 610	€ 983
Indigo Night LIGHT DARK			
Pink Moon LIGHT DARK			

All prices are incl. VAT



# Get in Touch

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