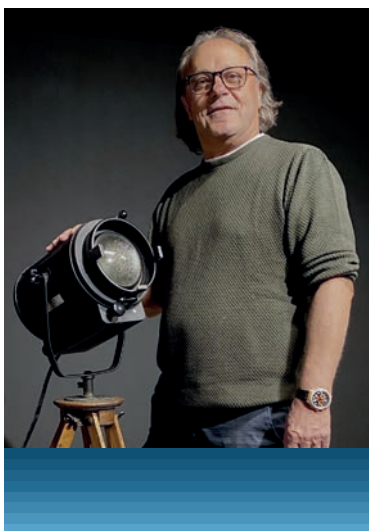


**PER AQUAM**  
POOLS • FOUNTAINS LIGHTING



**Quality is  
the best investment  
over time.**

## **GILBERTO CASON**

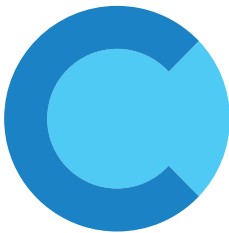
Founder and CEO of Teclumen Ltd.

Teclumen started in 1978 as a company specialising in the assembly of theatre lighting. With the passing of time and experience gained in the lighting sector the company was encouraged to create its own trademark and to offer a line of theatre products made in Italy and branded Teclumen. In 2003 the new head office and production plant was opened, concentrating into a single building the facilities for design, assembly, sales and after sales service. Today the company's production can satisfy the demands of various sectors such as: lighting for theatres, architecture, gardens, stages and shows, indoors, swimming pools and fountains.

In order to guarantee high quality, Teclumen carries out the main production stages in-house using the best in 3D design technology. Rapid flexible production is possible thanks to the highly technological machines (laser cutting) used. As regards the choice of components, Teclumen counts on reliable partners that are internationally acclaimed leaders; the final assembly, entirely inhouse, makes it possible to achieve high quality. Teclumen has a well-organised, functional and well-stocked warehouse of products. These aspects facilitate prompt delivery all over the world.

MADE IN  SINCE  
**ITALY 1978**





**PER AQUAM**  
POOLS • FOUNTAINS LIGHTING

## THE MOST BEAUTIFUL EMOTIONS ARE EXPERIENCED IN WATER.

**Per Aquam** is our division dedicated to crafting emotions within the pool. Submersible lighting is our passion. That's why, for years, we have been at the forefront of designing and producing lights that are meant to remain in contact with water for an extended period and capable of creating highly impactful lighting effects.

Today, we create various ranges of lights with different sizes and features, all aimed at making every corner of the pool truly magical.



## BEAUTY DESERVES TO BE ILLUMINATED TO PERFECTION.

We began experimenting with LED technology in the early 2000s. This experience, gained through the development of our other business divisions as well, allows us today to create products capable of generating any type of atmosphere with light, producing highly technological lamps that are incredibly weather-resistant and resistant to the erosive effects of water.

The **know-how** derived from our experience in the entertainment industry has contributed to the growth of our expertise in underwater lighting design. This makes us the ideal partners not only in product supply but also in the realization of full-fledged lighting projects that maximize the features and potential of our lamps, taking into consideration the specific structures they need to operate in.



**OUR PROJECTS ARE BORN TO  
EMOTIONALLY MOVE THROUGH LIGHT.**



# ALL THE REASONS TO CHOOSE TECLUMEN POOL LIGHTS.



## STEEL BODY FOR LONG-LASTING DURABILITY.

Teclumen pool lights are constructed from AISI 316L stainless steel, ensuring greater longevity and improved heat dissipation.



## GLASS FOR BETTER LIGHT DISTRIBUTION.

Unlike plastic materials, our glass cover remains transparent with regular cleaning, ensuring that light is not diffused or dampened, allowing the luminous beam to shine at its best.



## MECHANICAL SEAL. SIMPLER, FASTER, SAFER.

Teclumen lamps feature a mechanical seal that eliminates the need for silicone, resulting in faster product delivery times. Moreover, any necessary repairs can be easily performed in a short time.



## ANTI-OXIDATION TREATMENTS.

Special treatments are applied to all our products to prevent oxidation in water.



## NO MORE SHADOW CONES.

Thanks to our special filter that widens the light beam from 120 to 180 degrees, light is evenly distributed across the entire pool surface, creating a diffuse lighting effect without shadow cones.

12V  
AC

## **12 VOLT AC. NO EXTERNAL POWER SUPPLIES OR DRIVERS REQUIRED.**

The use of 12-volt AC power has always been standard in pool technical rooms. Employing an electromagnetic transformer, rather than an electronic power supply, is more suitable for humid environments and complies with safety regulations for pool installations. Our lamps come equipped with everything needed to operate without additional modifications, making them compatible with all existing installations.

PLC

## **WAVE-CONDUCTED TECHNOLOGY.**

Wave-conducted technology allows for control signal transmission to the lamps through the power cable. This simplifies installation as a 2-wire cable can be used, even for color-changing lamps. This type of system eliminates the need for external drivers and multipolar cables. One of the advantages of this technology is the easy replacement of traditional lamps in existing pools.



## **EVEN THE CABLE MATTERS.**

All Teclumen products come with a special immersion-resistant cable that ensures long-lasting durability without deterioration.

RGB  
W

## **RGBW TECHNOLOGY. THEATRICAL WATER ATMOSPHERES.**

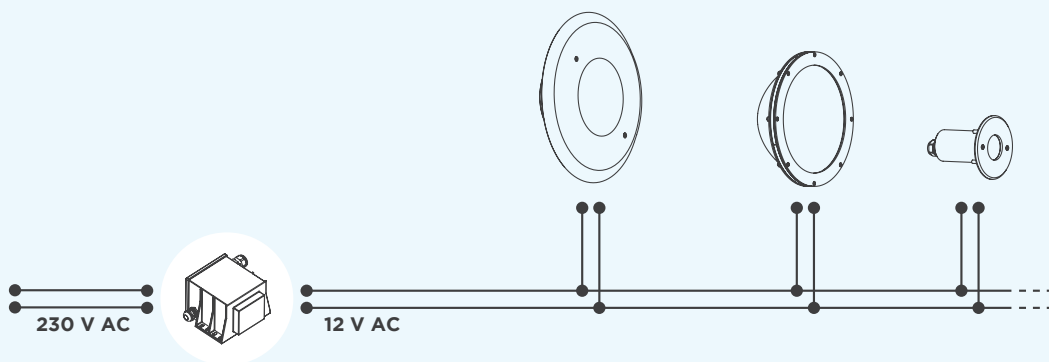
Thanks to this technology, it's possible to achieve different shades of white and captivating color nuances quickly and easily, creating the ideal pool atmosphere for any occasion.



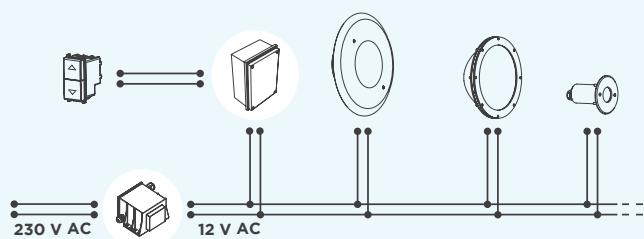
## **TEMPERATURE CONTROL.**

Teclumen underwater lights include a special temperature control protection system. Unusual temperature increases activate the system to safeguard the electronics and LEDs.

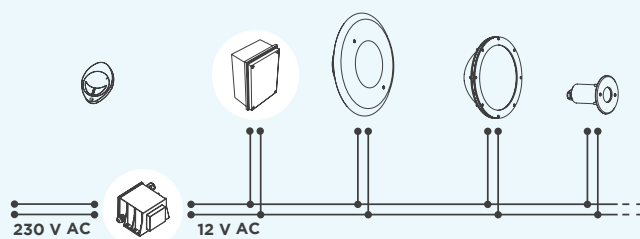




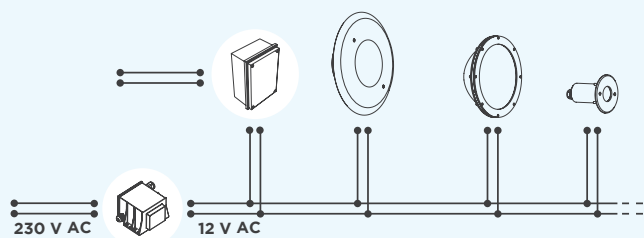
**PLC with buttons  
wiring diagram**



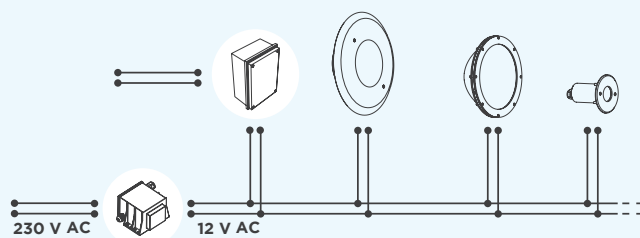
**PLC with remote control  
wiring diagram**



**PLC with DALI wiring diagram**



**PLC with DMX wiring diagram**



## THE TECHNOLOGIES INSIDE OUR LIGHTS.

### FIX

#### FIX

The technology of LED lamps with two-wire cable and fixed white (W) color.  
The ideal solution for replacing traditional halogen lamps.

### PLC

#### PLC

#### **WAVE-CONDUCTED TECHNOLOGY.**

#### **THE SIMPLE SYSTEM WITHOUT EXTERNAL DRIVERS AND POWER SUPPLIES.**

The technology of RGBW color-changing LED lamps with a 2-wire cable compatible with existing systems. These lamps are controlled by a wave-conducted system, using either a remote control or external buttons, allowing you to set 13 fixed colors and 10 automatic sequences. This is the ideal solution for both new installations, as you only need to prepare a two-conductor cable to power the lamps, and for existing installations, as there is no need to change the cables.

#### **INTEGRATION WITH DMX AND DALI.**

In recent years, home and hospitality automation systems for managing electrical devices have become increasingly common. By using wave-conducted technology, integration with DMX and DALI systems is possible. For this purpose, there are two converters that enable lamp control directly from the pool's home automation system.

# PERLA

The Lamp that transforms the pool.

Elegant design with compact dimensions but powerful luminous output.

# MAGIC

The Lamp with smart installation in any environment.

No need for bulky niches.

# CLASSIC

The Lamp for pool renewal without structural interventions.

Utilizing existing niches.





**PERLA<sup>POWER</sup>**  
NICHE AND INOX  
FLANGE  
p. 16



**PERLA<sup>POWERIN</sup>**  
NICHE AND INOX  
FLANGE  
p. 18



**PERLA**  
NICHE AND INOX  
FLANGE  
p. 20



**PERLA<sup>IN</sup>**  
NICHE AND INOX  
FLANGE  
p. 22



**MINI PERLA**  
NICHE AND INOX  
FLANGE  
p. 24



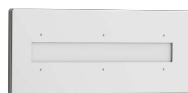
**MINI PERLA<sup>IN</sup>**  
NICHE AND INOX  
FLANGE  
p. 26



**micro PERLA**  
NICHE AND INOX  
FLANGE  
p. 28



**micro PERLA<sup>IN</sup>**  
NICHE AND INOX  
FLANGE  
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**LINEA**  
NICHE AND INOX  
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**LINEA<sup>IN</sup>**  
NICHE AND INOX  
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**MINI LINEA**  
NICHE AND INOX  
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**MINI LINEA<sup>IN</sup>**  
NICHE AND INOX  
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**MAGICSUB**  
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**MAGICSUB<sup>IN</sup>**  
NICHE AND INOX  
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**PAR56<sup>POWER</sup>**  
EX 300W  
REPLACEMENT  
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**PAR56**  
EX 300W  
REPLACEMENT  
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**PAR56<sup>ECO</sup>**  
EX 300W  
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**STW<sup>POWER</sup>**  
WIBRE  
REPLACEMENT  
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**STW**  
WIBRE  
REPLACEMENT  
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# CONTROLLERS



PLC TRANSMITTER

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REMOTE CONTROL  
FOR PLC

**p. 73**



STICK KE2

**p. 74**



STICK DE3

**p. 74**



DINA

**p. 75**



STICK GU2

**p. 75**

# ACCESSORIES



SPECIAL CABLES

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TRANSFORMER  
IP 65

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5-PIN IP68 JOINT

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5-PIN "Y" IP68  
JOINT

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IP68 CONNECTORS

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TWO-COMPONENT  
RESIN

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PROJECTOR EX  
300 W

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PROJECTOR EX  
100 W

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PERLA NICHE

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WATERTIGHT MINI  
PERLA NICHE

p. 82

MICRO PERLA NICHE  
WITH HOUSING FOR  
COLLECTING CABLE

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MAGIC SUB NICHE

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LINEA NICHE

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LINEA NICHE

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MINI LINEA  
NICHE

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MINI LINEA IN  
NICHE

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STAINLESS STILL  
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STAINLESS STILL  
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STAINLESS STILL  
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LINEA OPTICAL  
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ROUND OPTICAL  
DIFFUSERS

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PERLA FLANGES

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PAINTED PERLA  
FLANGES

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MINI PERLA  
FLANGES

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PAINTED MINI  
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MICRO PERLA  
FLANGES

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PAINTED MICRO  
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LINEA FLANGES

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PAINTED  
LINEA FLANGES

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MINI LINEA  
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PAINTED MINI  
LINEA FLANGES

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MAGIC SUB  
FLANGES

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PAINTED MAGIC  
SUB FLANGES

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PAR 56 FLANGE

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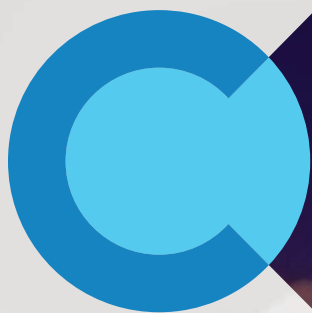
MINI FLANGES

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GENERIC  
ACCESSORIES

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# PERLA

**The Lamp that transforms the pool.**

Perla is the line of underwater lamps made of stainless steel and glass designed to create emotions in the pool. A series of products capable of crafting luminous scenes and enhancing shapes and materials in every corner of the pool.

High performance combined with compact dimensions ensure uniform lighting without shadow cones, both in white and colored light. Perla, with its clean and elegant shapes, is a jewel that embellishes the pool and is a powerful light source with extremely compact dimensions. The perfect solution for achieving quality light with the best design.

Perla is available in various versions and sizes: With fixed co or technology FIX, RGBW OC, and RGBW DMX to suit project requirements.





## PERLA<sup>power</sup>

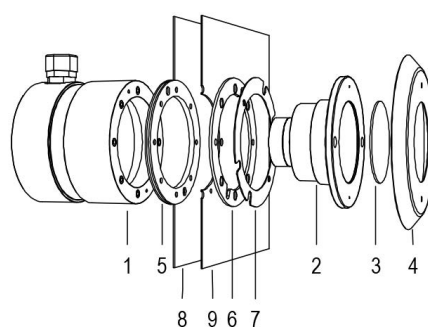
### NICHE AND INOX FLANGE

LED lamp designed for optimum illumination of large pools. The included niche contains the necessary cable for poolside maintenance.

Pool type: panel / concrete / with tiles or liner.

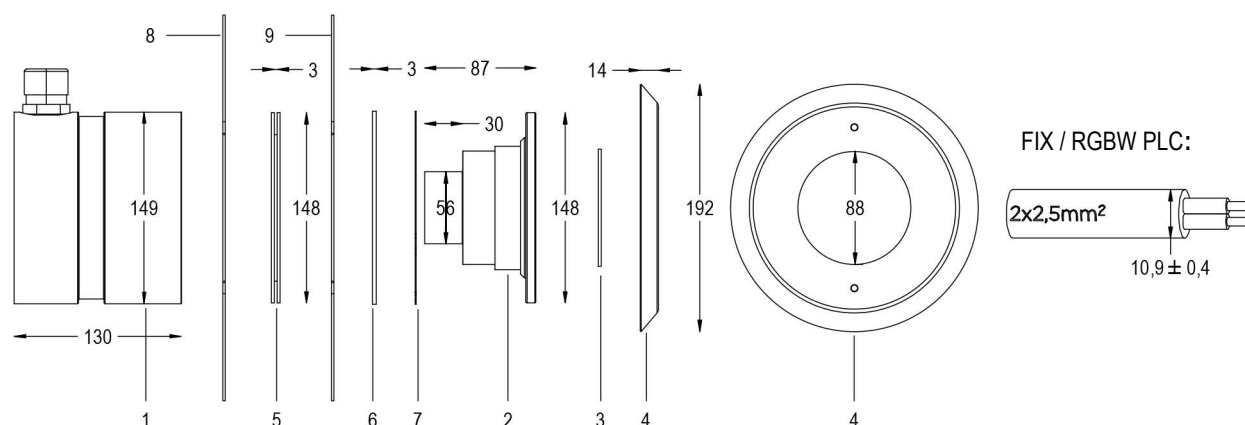
12 V AC  CL III  IP 68

 AISI316L STEEL  GLASS



- 1 NICHE
- 2 LAMP
- 3 OPTICAL DIFFUSER
- 4 FRONT FLANGE
- 5 SANDWICH GASKET
- 6 LINER FLANGE
- 7 PLEXY SPACER
- 8 PANEL
- 9 POOL LINER

### Technical drawing





## FIX

## FIXED COLOR VERSION



52W / 64VA  16 m  25 - 30

Other LED colors are available upon request



	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE					
	2115342993	5000K	5770 lm	120°	-
	2115342990	3000K	5000 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER					
	2905000013	5000K	5770 lm	120°	-
	2905000018	3000K	5000 lm	120°	-



## PLC

## RGBW VARIABLE COLOR VERSION WITH PLC CONTROL



62W / 75VA  14 m  RGBW

 POWER LINE COMMUNICATION  25 - 30

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE					
	2115512994	RGBW	3173 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER					
	2905000015	RGBW	3174 lm	120°	-

## ACCESSORIES



100 VA IP65 TRANSF.  
Cod. 0316170011



TRANSF. IP65 300 VA  
Cod. 0321170011



STAINLESS STEEL FLANGE  
Cod. 4910001626



OPTICAL DIFFUSER  
Cod. 2000001066



CABLE 2 X 2.5  
Cod. 9003079010



WATERSTOP JOINT  
IP68 Cod. 5300788701



PERLA NICHE  
Cod. 5500000002



SANDWICH GASKET  
Cod. 1600001100



100M CABLE 2X2,5 REEL  
Cod. 9003050002



ASSEMBLY KIT WITH 4 M  
2X2,5 CABLE  
Cod. 9003050007



TWO-COMPONENT RESIN  
Cod. 4000370521

## ACCESSORIES PLC



PLC TRANS. BUTTONS  
Cod. 4493000064



PLC TRANS. REMOTE  
Cod. 4493000004



CONVERT. DMX - PLC  
Cod. 4493000042



DALI - PLC CONV.  
Cod. 4493000001

Comprehensive list of accessories and spare parts searchable from p. 70





## PERLApowerIN

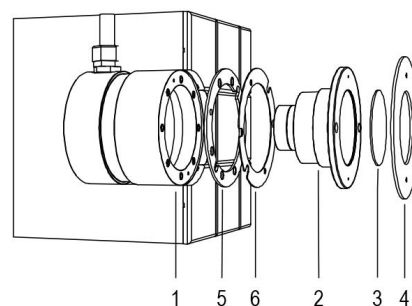
### NICHE AND INOX FLANGE

LED lamp designed for optimum illumination of large pools. The included niche contains the necessary cable for poolside maintenance.

Pool type: recessed in concrete / with tiles.

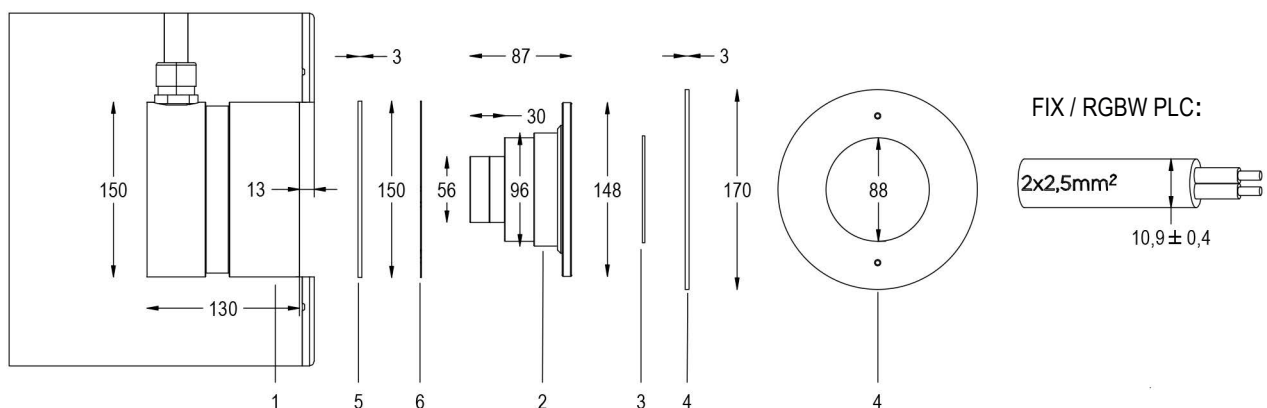
12 V AC CL III IP IP68

AISI316L STEEL GLASS



- 1 NICHE
- 2 LAMP
- 3 OPTICAL DIFFUSER
- 4 FRONT FLANGE
- 5 STAINLESS STEEL SPACER
- 6 PLEXY SPACER

### Technical drawing



## FIX

## FIXED COLOR VERSION



52W / 64VA 16 m 25 - 30

Other LED colors are available upon request

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE					
	2115343193	5000K	5770 lm	120°	-
	2115343190	3000K	5000 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER					
	2905000020	5000K	5770 lm	120°	-
	2905000021	3000K	5000 lm	120°	-

## PLC

## RGBW VARIABLE COLOR VERSION WITH PLC CONTROL



62W / 75VA 14 m

POWER LINE COMMUNICATION 25 - 30

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE					
	2115513194	RGBW	3173 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER					
	2905000022	RGBW	3173 lm	120°	-

## ACCESSORIES



100 VA IP65 TRANSF.  
Cod. 0316170011



STAINLESS STEEL FLANGE  
Cod. 4910001526



OPTICAL DIFFUSER  
Cod. 2000001066



CABLE 2 X 2.5  
Cod. 9003079010



WATERSTOP JOINT IP68  
Cod. 5300788701



PERLA NICHE  
Cod. 5500000002



TEMPLATE FOR CONCRETE  
Cod. 1700570002



SPACERS KIT  
Cod. 1700570000



100M CABLE 2X2,5 REEL  
Cod. 9003050002



ASSEMBLY KIT WITH 4 M  
2X2,5 CABLE  
Cod. 9003050007



TWO-COMPONENT RESIN  
Cod. 4000370521

## ACCESSORIES PLC



PLC TRANS. BUTTONS  
Cod. 4493000064



PLC TRANS. REMOTE  
Cod. 4493000004



CONVERT. DMX - PLC  
Cod. 4493000042



DALI - PLC CONV.  
Cod. 4493000001

Comprehensive list of accessories and spare parts searchable from p. 70



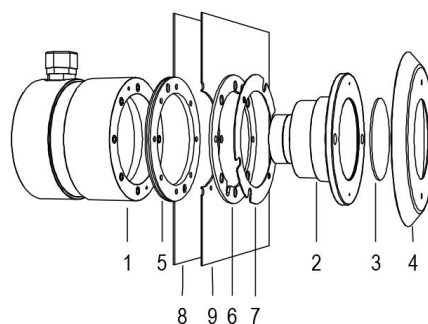
# PERLA

## NICHE AND INOX FLANGE

LED lamp designed to best illuminate medium-sized pools. The included recess contains the necessary cable for poolside maintenance.  
Pool type: panel / concrete / with tiles or sheet.

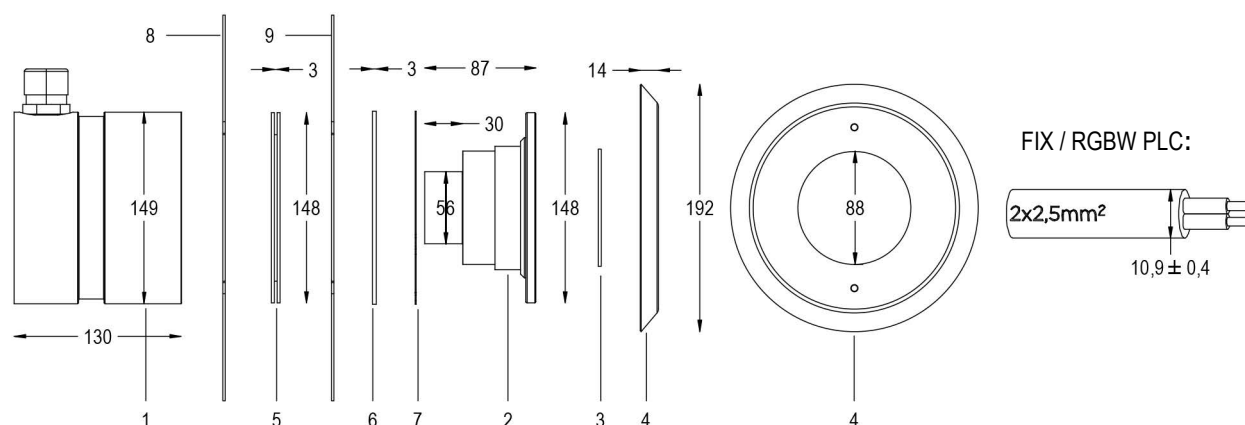
12 V AC  CL III  IP 68

 AISI316L STEEL  GLASS



- 1 NICHE
- 2 LAMP
- 3 OPTICAL DIFFUSER
- 4 FRONT FLANGE
- 5 SANDWICH GASKET
- 6 LINER FLANGE
- 7 PLEXY SPACER
- 8 PANEL
- 9 POOL LINER

## Technical drawing







## FIX

## FIXED COLOR VERSION



40W / 50VA  19 m  20 - 25

Other LED colors are available upon request



	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE					
	2112342993	5000K	4330 lm	120°	-
	2112342990	3000K	3750 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER					
	2905000016	5000K	4330 lm	120°	-
	2905000019	3000K	3750 lm	120°	-



## PLC

## RGBW VARIABLE COLOR VERSION WITH PLC CONTROL



45W / 54VA  18 m 

 POWER LINE COMMUNICATION  20 - 25

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE					
	2112512994	RGBW	2556 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER					
	2905000017	RGBW	2170 lm	120°	-

## ACCESSORIES



100 VA IP65 TRANSF.  
Cod. 0316170011



TRANSF. IP65 300 VA  
Cod. 0321170011



STAINLESS STEEL FLANGE  
Cod. 4910001626



OPTICAL DIFFUSER  
Cod. 2000001066



CABLE 2 X 2.5  
Cod. 9003079010



WATERSTOP JOINT IP68  
Cod. 5300788701



PERLA NICHE  
Cod. 5500000002



SANDWICH GASKET  
Cod. 1600001100



100M CABLE 2X2,5 REEL  
Cod. 9003050002



ASSEMBLY KIT WITH 4 M  
2X2,5 CABLE  
Cod. 9003050007



TWO-COMPONENT RESIN  
Cod. 4000370521

## ACCESSORIES PLC



PLC TRANS. BUTTONS  
Cod. 4493000064



PLC TRANS. REMOTE  
Cod. 4493000004



CONVERT. DMX - PLC  
Cod. 4493000042



DALI - PLC CONV.  
Cod. 4493000001

Comprehensive list of accessories and spare parts searchable from p. 70



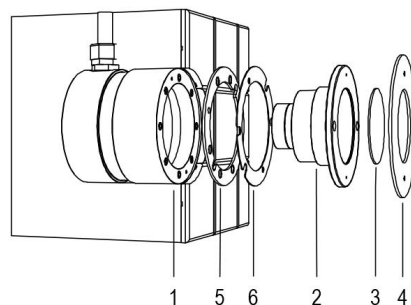
## PERLA<sup>IN</sup>

### NICHE AND INOX FLANGE

LED lamp designed to best illuminate medium-sized pools. The included recess contains the necessary cable for poolside maintenance.  
Pool type: recessed in concrete / with tiles.

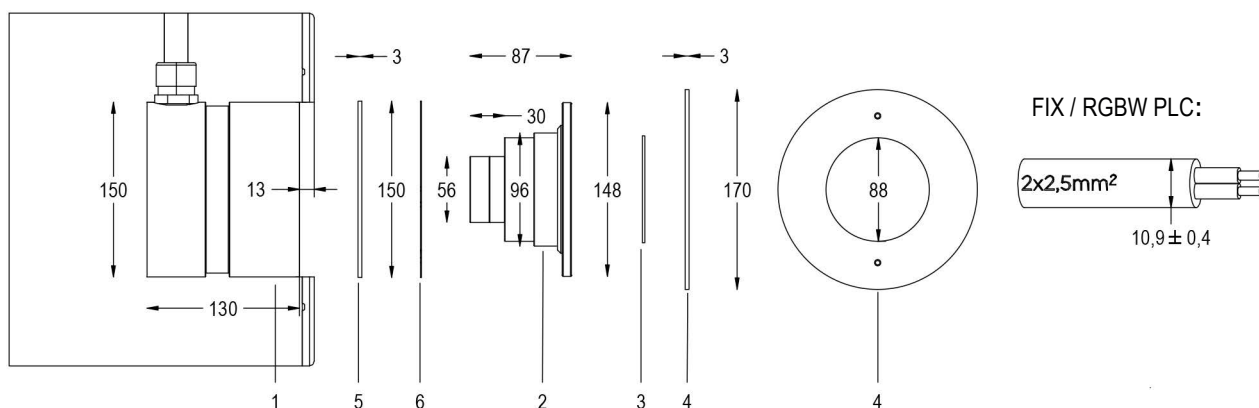
12 V AC  CL III  IP 68

 AISI316L STEEL  GLASS



- 1 NICHE
- 2 LAMP
- 3 OPTICAL DIFFUSER
- 4 FRONT FLANGE
- 5 STAINLESS STEEL SPACER
- 6 PLEXY SPACER

### Technical drawing





## FIX

## FIXED COLOR VERSION



40W / 50VA  19 m  20 - 25

Other LED colors are available upon request

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE					
	2112343193	5000K	4330 lm	120°	-
	2112343190	3000K	3750 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER					
	290500023	5000K	4330 lm	120°	-
	290500024	3000K	3750 lm	120°	-



## PLC

## RGBW VARIABLE COLOR VERSION WITH PLC CONTROL



45W / 54VA  18 m 

 POWER LINE COMMUNICATION  20 - 25

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE					
	2112513194	RGBW	2556 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER					
	290500025	RGBW	2170 lm	120°	-

## ACCESSORIES



100 VA IP65 TRANSF.  
Cod. 0316170011



STAINLESS STEEL FLANGE  
Cod. 4910001526



OPTICAL DIFFUSER  
Cod. 2000001066



CABLE 2 X 2.5  
Cod. 9003079010



WATERSTOP JOINT IP68  
Cod. 5300788701



PERLA NICHE  
Cod. 5500000002



TEMPLATE FOR CONCRETE  
Cod. 1700570002



SPACERS KIT  
Cod. 1700570000



100M CABLE 2X2,5 REEL  
Cod. 9003050002



ASSEMBLY KIT WITH 4 M  
2X2,5 CABLE  
Cod. 9003050007



TWO-COMPONENT RESIN  
Cod. 4000370521

## ACCESSORIES PLC



PLC TRANS. BUTTONS  
Cod. 4493000064



PLC TRANS. REMOTE  
Cod. 4493000004



CONVERT. DMX - PLC  
Cod. 4493000042



DALI - PLC CONV.  
Cod. 4493000001

Comprehensive list of accessories and spare parts searchable from p. 70





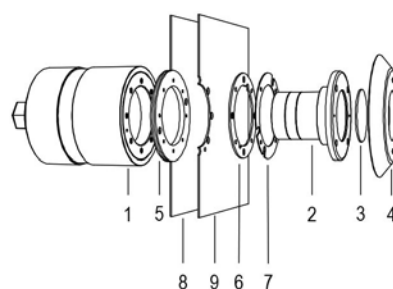
## MINI**PERLA**

### NICHE AND INOX FLANGE

LED lamp designed to best illuminate medium and small pools. The included recess contains the necessary cable for poolside maintenance.  
Pool type: panel / concrete / with tiles or sheet.

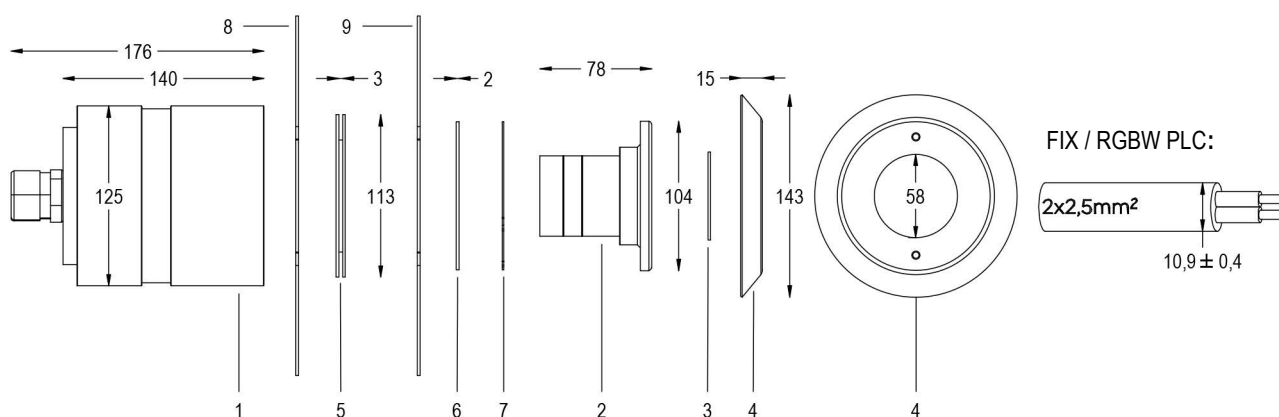
12 V AC  CL III  IP 68

 AISI316L STEEL  GLASS



- 1 NICHE
- 2 LAMP
- 3 OPTICAL DIFFUSER
- 4 FRONT FLANGE
- 5 SANDWICH GASKET
- 6 LINER FLANGE
- 7 PLEXY SPACER
- 8 PANEL
- 9 POOL LINER

### Technical drawing



## FIX

## FIXED COLOR VERSION



24W / 31VA 30 m 15 - 20

Other LED colors are available upon request

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE					
	2108340191	5000K	2795 lm	120°	-
	2108340190	3000K	2510 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER					
	2804000011	5000K	2795 lm	120°	-
	2804000012	3000K	2510 lm	120°	-

## PLC

## RGBW VARIABLE COLOR VERSION WITH PLC CONTROL



19W / 25VA 38 m

POWER LINE COMMUNICATION 15 - 20

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE					
	2112340194	RGBW	1130 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER					
	2804000013	RGBW	1130 lm	120°	-

## ACCESSORIES



100 VA IP65 TRANSF.  
Cod. 0316170011



TRANSF. IP65 300 VA  
Cod. 0321170011



WATERTIGHT NICHE  
Cod. 5521018700



NICHE TIGHTENING WRENCH  
Cod. 1700770500



STAINLESS STEEL FLANGE  
Cod. 4930001326



OPTICAL DIFFUSER  
Cod. 2000000866



CABLE 2 X 2.5  
Cod. 9003079010



WATERSTOP JOINT IP68  
Cod. 5300788701



SANDWICH GASKET  
Cod. 1600001000



100M CABLE 2X2,5 REEL  
Cod. 9003050002



ASSEMBLY KIT WITH 4 M  
2X2,5 CABLE  
Cod. 9003050007



TWO-COMPONENT RESIN  
Cod. 4000370521

## ACCESSORIES PLC



PLC TRANS. BUTTONS  
Cod. 4493000064



PLC TRANS. REMOTE  
Cod. 4493000004



CONVERT. DMX - PLC  
Cod. 4493000042



DALI - PLC CONV.  
Cod. 4493000001

Comprehensive list of accessories and spare parts searchable from p. 70





## MINI PERLA IN

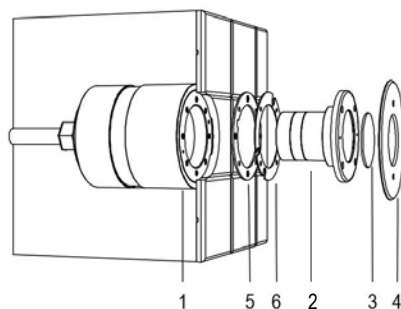
### NICHE AND INOX FLANGE

LED lamp designed to best illuminate medium and small pools. The included recess contains the necessary cable for poolside maintenance.

Pool type: recessed in concrete / with tiles.

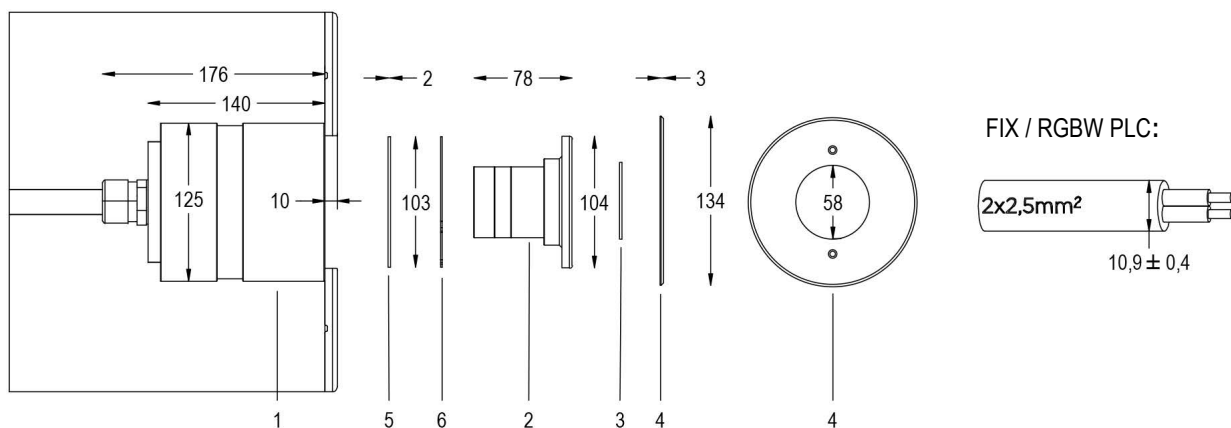
12 V AC  CL III  IP 68

 AISI316L STEEL  GLASS



- 1 NICHE
- 2 LAMP
- 3 OPTICAL DIFFUSER
- 4 FRONT FLANGE
- 5 STAINLESS STEEL SPACER
- 6 PLEXY SPACER

### Technical drawing



## FIX

## FIXED COLOR VERSION



24W / 31VA 30 m 15 - 20

Other LED colors are available upon request

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE					
	2108827391	5000K	2795 lm	120°	-
	2108827390	3000K	2510 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER					
	2804000016	5000K	2795 lm	120°	-
	2804000017	3000K	2510 lm	120°	-

## PLC

## RGBW VARIABLE COLOR VERSION WITH PLC CONTROL



19W / 25VA 38 m

POWER LINE COMMUNICATION 15 - 20

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE					
	2111827394	RGBW	1130 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER					
	2804000018	RGBW	1130 lm	120°	-

## ACCESSORIES



100 VA IP65 TRANSF.  
Cod. 0316170011



STAINLESS STEEL FLANGE  
Cod. 4930003826



OPTICAL DIFFUSER  
Cod. 2000000866



CABLE 2 X 2.5  
Cod. 9003079010



WATERSTOP JOINT IP68  
Cod. 5300788701



WATERTIGHT NICHE  
Cod. 5521018700



TEMPLATE FOR CONCRETE  
Cod. 1700550002



SPACERS KIT  
Cod. 1700550000



NICHE TIGHTENING WRENCH  
Cod. 1700770500



100M CABLE 2X2,5 REEL  
Cod. 9003050002



ASSEMBLY KIT WITH 4 M  
2X2,5 CABLE  
Cod. 9003050007



TWO-COMPONENT RESIN  
Cod. 4000370521

## ACCESSORIES PLC



PLC TRANS. BUTTONS  
Cod. 4493000064



PLC TRANS. REMOTE  
Cod. 4493000004

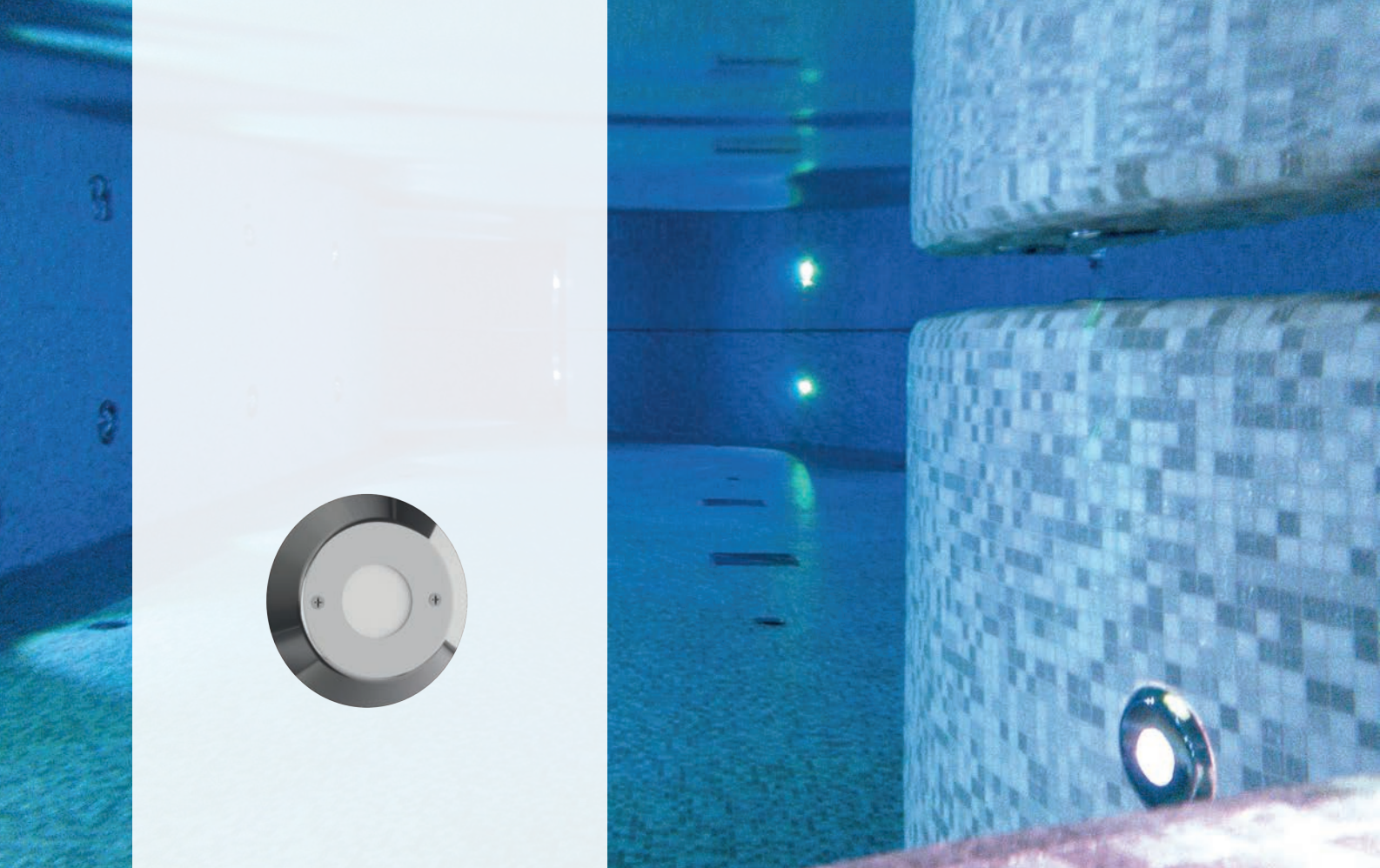


CONVERT. DMX - PLC  
Cod. 4493000042



DALI - PLC CONV.  
Cod. 4493000001

Comprehensive list of accessories and spare parts searchable from p. 70



## microPERLA

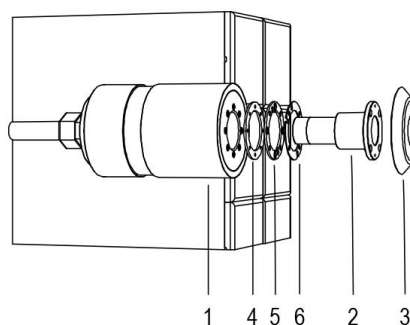
### NICHE AND INOX FLANGE

LED lamp designed to best illuminate small pools, whirlpool areas and stairways. The included niche contains the necessary cable for poolside maintenance.

Pool type: panel / concrete / with tiles or sheet.

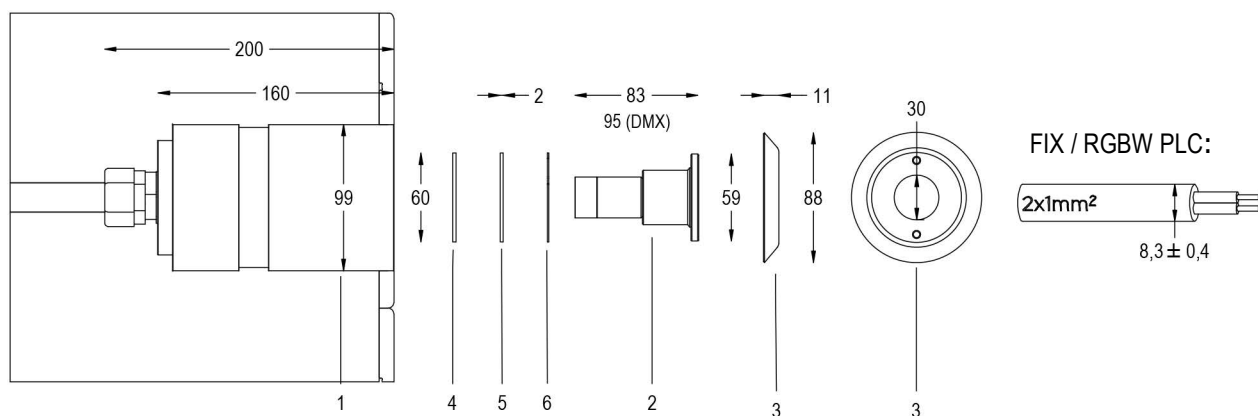
12 V AC  CL III **IP** IP68

 AISI316L STEEL  GLASS



- 1 NICHE
- 2 LAMP
- 3 FRONT FLANGE
- 4 GASKET
- 5 LINER FLANGE
- 6 PLEXY SPACER

### Technical drawing





## FIX

## FIXED COLOR VERSION



4W / 5VA 50 m FINO A 5

Other LED colors are available upon request

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE					
	2101340191	5000K	286 lm	120°	-
	2101340190	3000K	256 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER					
	2602000011	5000K	286 lm	120°	-
	2602000012	3000K	256 lm	120°	-

## PLC

## RGBW VARIABLE COLOR VERSION WITH PLC CONTROL



4W / 6VA 50 m

POWER LINE COMMUNICATION

FINO A 5

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE					
	2103340194	RGBW	353 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER					
	2602000013	RGBW	353 lm	120°	-

## ACCESSORIES



100 VA IP65 TRANSF.  
Cod. 0316170011



STAINLESS STEEL FLANGE  
Cod. 4940001026



CABLE 2 X 1  
Cod. 9003049010



WATERSTOP JOINT IP68  
Cod. 5300788701



WATERTIGHT NICHE  
Cod. 5521008700



TIGHTENING WRENCH  
Cod. 1700770400



100M CABLE 2X1 REEL  
Cod. 9003050001



ASSEMBLY KIT WITH 4 M  
2X1 CABLE  
Cod. 9003050006



TWO-COMPONENT RESIN  
Cod. 4000370521

## ACCESSORIES PLC



PLC TRANS. BUTTONS  
Cod. 4493000064



PLC TRANS. REMOTE  
Cod. 4493000004

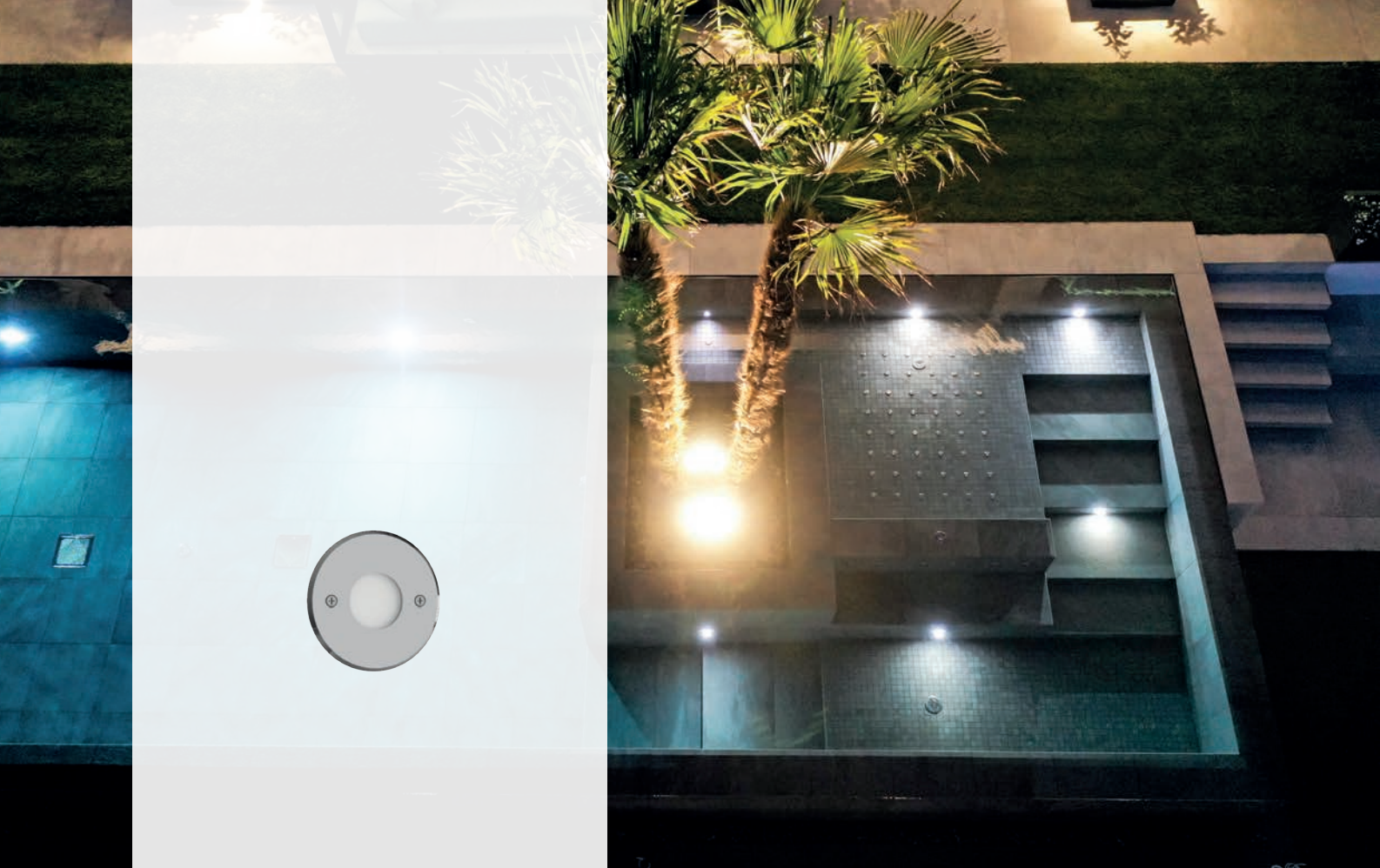


CONVERT. DMX - PLC  
Cod. 4493000042



DALI - PLC CONV.  
Cod. 4493000001

Comprehensive list of accessories and spare parts searchable from p. 70



## microPERLA<sup>IN</sup>

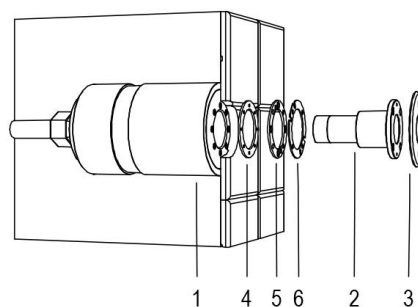
### NICHE AND INOX FLANGE

LED lamp designed to best illuminate small pools, whirlpool areas and stairways. The included niche contains the necessary cable for poolside maintenance.

Pool type: recessed in concrete / with tiles.

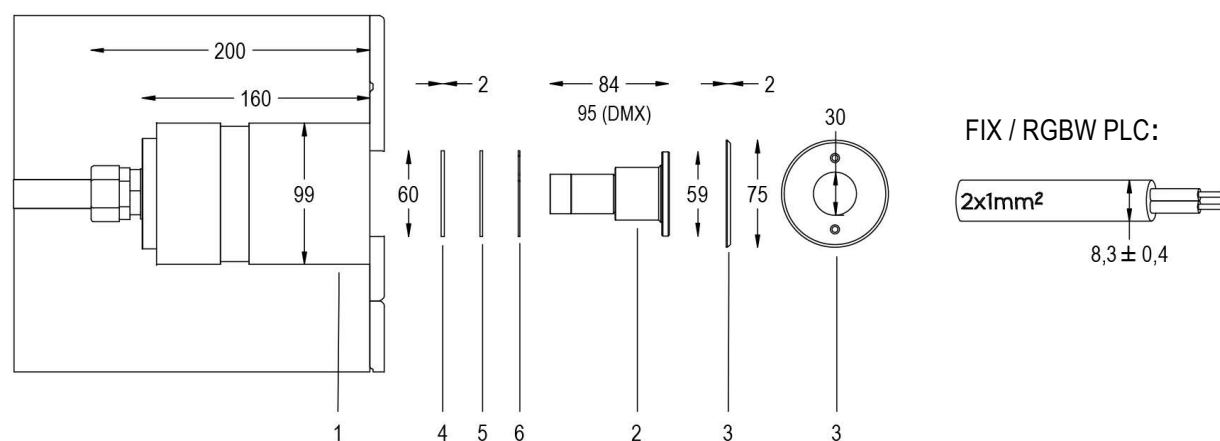
12 V AC  CL III  IP68

 AISI316L STEEL  GLASS



- 1 NICHE
- 2 LAMP
- 3 FRONT FLANGE
- 4 GASKET
- 5 STAINLESS STEEL SPACER
- 6 PLEXY SPACER

### Technical drawing





## FIX

## FIXED COLOR VERSION

W

2 WIRES



4W / 5VA



50 m



FINO A 5

Other LED colors are available upon request

Code

LED color

Total  
luminous fluBeam  
angle

€

## LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE



2101827391

5000K

286 lm

120°

-

2101827390

3000K

256 lm

120°

-

## LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER



2602000016

5000K

286 lm

120°

-

2602000017

3000K

256 lm

120°

-

## PLC

## RGBW VARIABLE COLOR VERSION WITH PLC CONTROL

RGB  
W

2 WIRES



4W / 6VA



50 m



RGBW



POWER LINE COMMUNICATION



FINO A 5

Code

LED color

Total  
luminous fluBeam  
angle

€

## LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE



2102827394

RGBW

353 lm

120°

-

## LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER



2602000018

RGBW

353 lm

120°

-

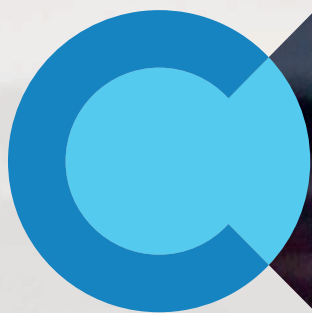
## ACCESSORIES

100 VA IP65 TRANSF.  
Cod. 0316170011STAINLESS STEEL FLANGE  
Cod. 4940000926CABLE 2 X 1  
Cod. 9003049010WATERSTOP JOINT IP68  
Cod. 5300788701WATERTIGHT NICHE  
Cod. 5521008700TEMPLATE FOR CONCRETE  
Cod. 1700380002SPACERS KIT  
Cod. 1700530000TIGHTENING WRENCH  
Cod. 1700770400100M CABLE 2X1 REEL  
Cod. 9003050001ASSEMBLY KIT WITH 4 M  
2X1 CABLE  
Cod. 9003050006TWO-COMPONENT RESIN  
Cod. 4000370521

## ACCESSORIES PLC

PLC TRANS. BUTTONS  
Cod. 4493000064PLC TRANS. REMOTE  
Cod. 4493000004CONVERT. DMX - PLC  
Cod. 4493000042DALI - PLC CONV.  
Cod. 4493000001

Comprehensive list of accessories and spare parts searchable from p. 70



# MAGIC

## The Lamp with smart installation.

Magic is the high-performance lamp line with truly simple and fast installation. Thanks to LED technology, Magic products are capable of illuminating the pool ideally without complex mounting, as they can be installed on return inlets or small round niches.

### MAGICLINEA

The lamp that offers all the elegance of rectangular shapes with a small round niche. A captivating blade of light that enhances the pool without the need for a bulky rectangular niche. Thanks to its alignment mechanism, it can be adjusted horizontally even after installation, ensuring all the necessary micro-adjustments for precise installation.

### MAGICSUB

The lamp that guarantees perfect lighting even in small spaces. Its smart nature allows for two different types of installation: inside a return inlet body or in a niche containing the necessary cable for on-deck maintenance.









## FIX

## FIXED COLOR VERSION

W

2 WIRES



25W / 30VA



32 m



20 - 25

Other LED colors are available upon request

Code

LED color

Total  
luminous fluBeam  
angle

€

## LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE



2106001293

5000K

3850 lm

120°

-

2106001290

3000K

3500 lm

120°

-

## LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER



3107000008

5000K

3850 lm

120°

-

3107000009

3000K

3500 lm

120°

-

## PLC

## RGBW VARIABLE COLOR VERSION WITH PLC CONTROL

RGB  
W

2 WIRES



43W / 54VA



20 m



RGBW



POWER LINE COMMUNICATION



20 - 25

Code

LED color

Total  
luminous fluBeam  
angle

€

## LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE



2112341294

RGBW

2600 lm

120°

-

## LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER



3107000010

RGBW

2600 lm

120°

-

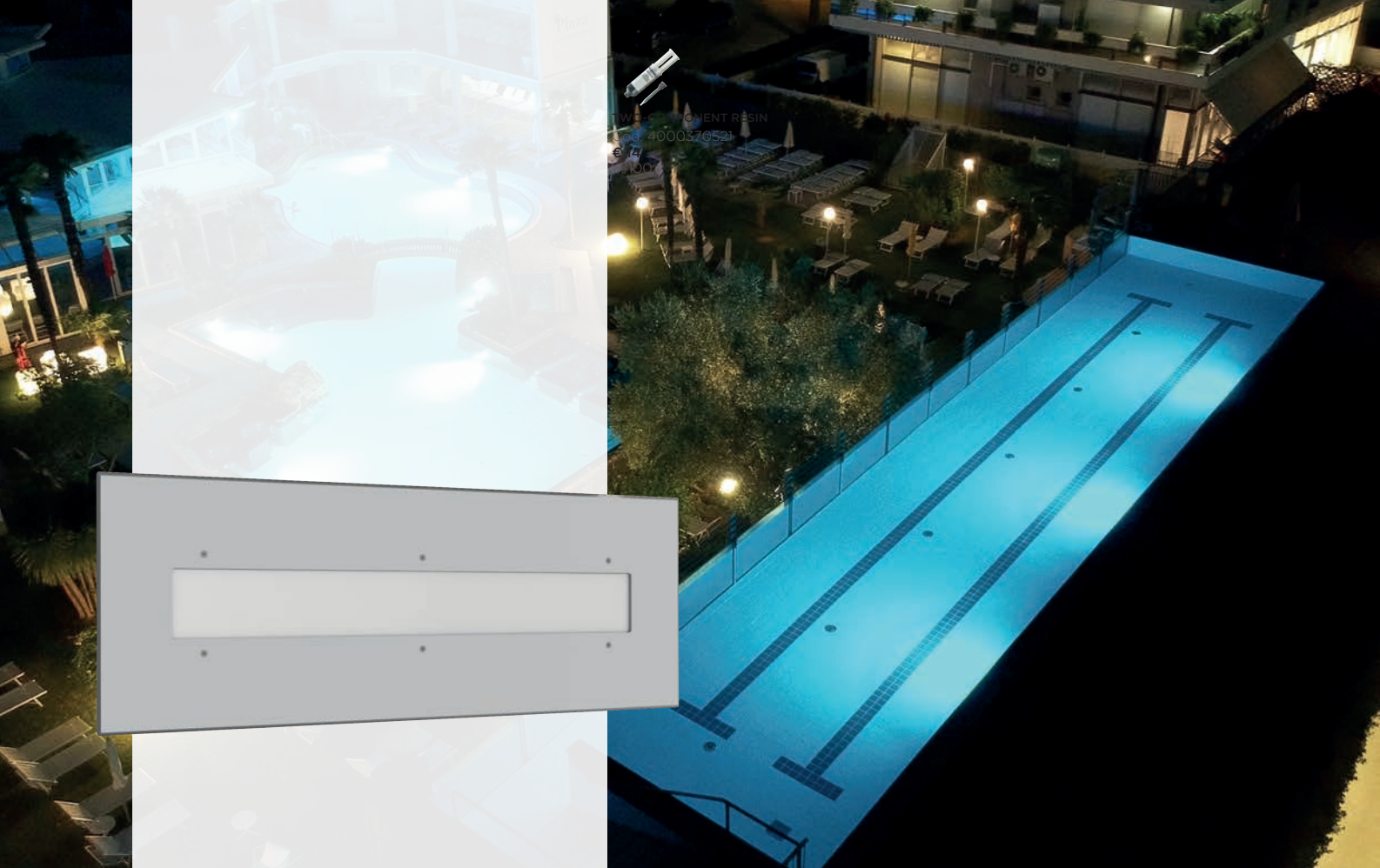
## ACCESSORIES

100 VA IP65 TRANSF.  
Cod. 0316170011TRANSF. IP65 300 VA  
Cod. 0321170011STAINLESS STEEL FLANGE  
Cod. 4920002232OPTICAL DIFFUSER  
Cod. 2000010066CABLE 2 X 2.5  
Cod. 9003079010WATERSTOP JOINT IP68  
Cod. 5300788701MAGIC LINEA NICHE  
Cod. 5500004504100M CABLE 2X2,5 REEL  
Cod. 9003050002ASSEMBLY KIT WITH 4 M  
2X2,5 CABLE  
Cod. 9003050007TWO-COMPONENT RESIN  
Cod. 4000370521

## ACCESSORIES PLC

PLC TRANS. BUTTONS  
Cod. 4493000064PLC TRANS. REMOTE  
Cod. 4493000004CONVERT. DMX - PLC  
Cod. 4493000042DALI - PLC CONV.  
Cod. 4493000001

Comprehensive list of accessories and spare parts searchable from p. 70



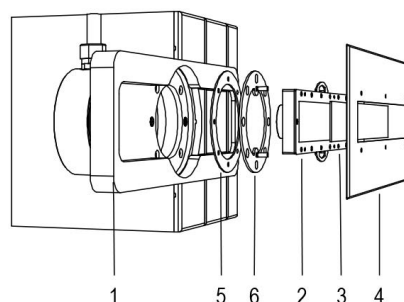
## LINEA<sup>IN</sup>

### NICHE AND INOX FLANGE

LED lamp designed to best illuminate medium-sized pools. The included recess contains the necessary cable for poolside maintenance.  
Pool type: recessed in concrete / with tiles.

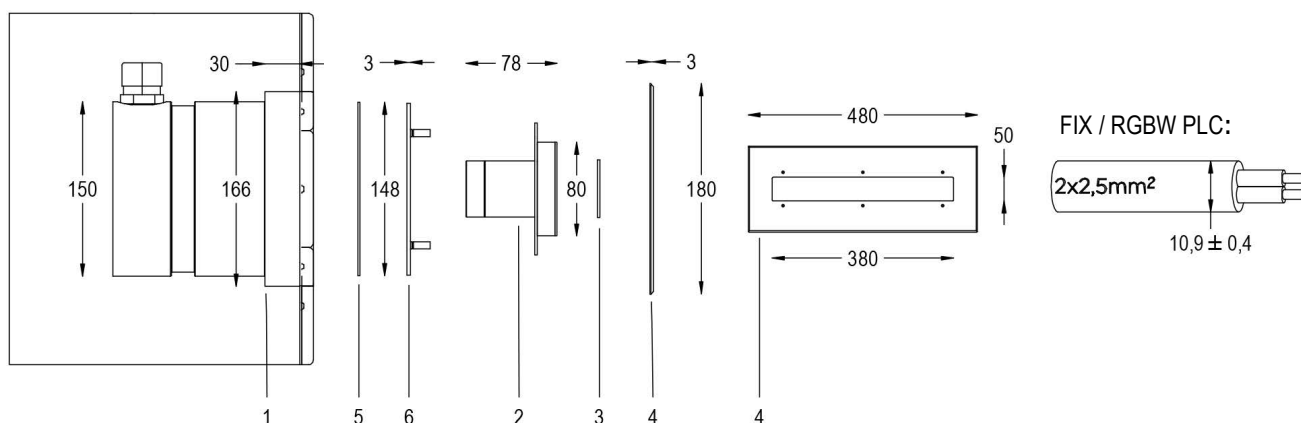
12 V AC CL III IP IP68

AISI316L STEEL GLASS



- 1 NICHE
- 2 LAMP
- 3 OPTICAL DIFFUSER
- 4 FRONT FLANGE
- 5 GASKET
- 6 FIXING RING

### Technical drawing







## FIX

## FIXED COLOR VERSION



25W / 30VA  32 m  20 - 25

Other LED colors are available upon request


	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE					
	2111813193	5000K	3850 lm	120°	-
	2106821290	3000K	3500 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER					
	3107000013	5000K	3850 lm	120°	-
	3107000014	3000K	3500 lm	120°	-



## PLC

## RGBW VARIABLE COLOR VERSION WITH PLC CONTROL



43W / 54VA  20 m  RGBW

 POWER LINE COMMUNICATION  20 - 25

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE					
	2111821294	RGBW	2600 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER					
	3107000015	RGBW	2600 lm	120°	-

## ACCESSORIES



100 VA IP65 TRANSF.  
Cod. 0316170011



OPTICAL DIFFUSER  
Cod. 2000010066



STAINLESS STEEL FLANGE  
Cod. 4920002326



CABLE 2 X 2.5  
Cod. 9003079010



WATERSTOP JOINT IP68  
Cod. 5300788701



MAGIC LINEA NICHE  
Cod. 5500004503



TEMPLATE FOR CONCRETE  
Cod. 1700570002



SPACERS KIT  
Cod. 1700570000



100M CABLE 2X2,5 REEL  
Cod. 9003079010



ASSEMBLY KIT WITH 4 M  
2X2,5 CABLE  
Cod. 9003050006



TWO-COMPONENT RESIN  
Cod. 4000370521

## ACCESSORIES PLC



PLC TRANS. BUTTONS  
Cod. 4493000064



PLC TRANS. REMOTE  
Cod. 4493000004



CONVERT. DMX - PLC  
Cod. 4493000042



DALI - PLC CONV.  
Cod. 4493000001

Comprehensive list of accessories and spare parts searchable from p. 70



## MINI LINEA

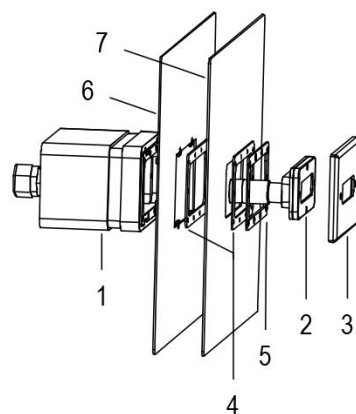
### NICHE AND INOX FLANGE

LED lamp designed to best illuminate small pools, whirlpool areas and stairways. The included niche contains the necessary cable for poolside maintenance.

Pool type: panel / concrete / with tiles or sheet.

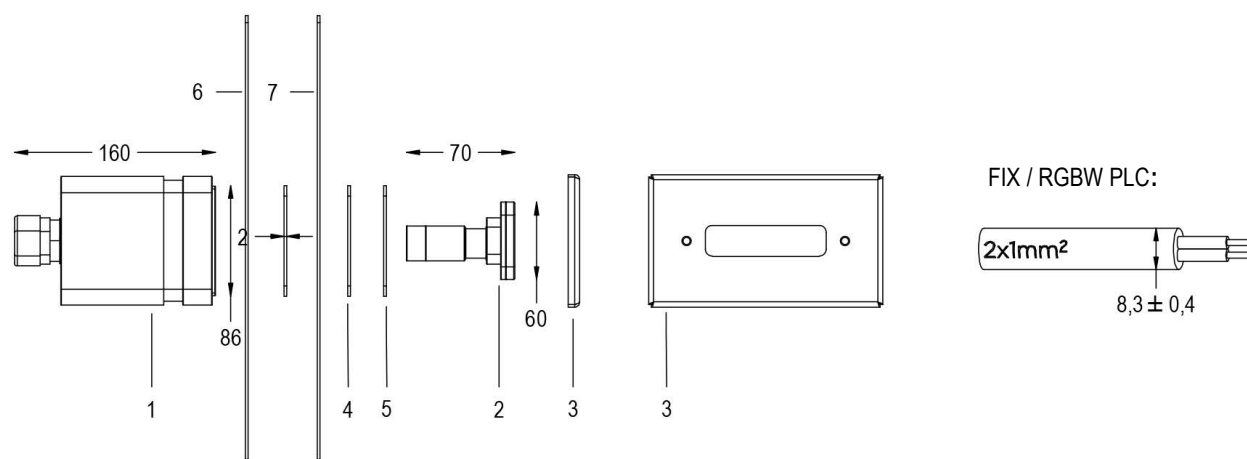
12 V AC  CL III  IP 68

 AISI316L STEEL  GLASS



- 1 NICHE
- 2 LAMP
- 3 FRONT FLANGE
- 4 GASKET
- 5 LINER FLANGE
- 6 PANEL
- 7 POOL LINER

### Technical drawing



## FIX

## FIXED COLOR VERSION



8.8W / 11VA 35 m 10 - 15

Other LED colors are available upon request

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE and 4m CABLE					
	2104801293	5000K	1138	120°	-
	2104801290	3000K	1080	120°	-
LAMP WITH STAINLESS STEEL FLANGE					
	3006000009	5000K	1138	120°	-
	3006000010	3000K	1080	120°	-

## PLC

## RGBW VARIABLE COLOR VERSION WITH PLC CONTROL



10.5W / 13VA 30 m

POWER LINE COMMUNICATION 10 - 15

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE AND 4m CABLE					
	2104800094	RGBW	600	120°	-
LAMP WITH STAINLESS STEEL FLANGE					
	3006000011	RGBW	600	120°	-

## ACCESSORIES



100 VA IP65 TRANSF.  
Cod. 0316170011



TRANSF. IP65 300 VA  
Cod. 0321170011



STAINLESS STEEL FLANGE  
Cod. 4900010023



CABLE 2 X 1  
Cod. 9003049010



WATERSTOP JOINT IP68  
Cod. 5300788701



MINI MAGIC LINEA NICHE  
Cod. 5500004300



100M CABLE 2X1 REEL  
Cod. 9003050001



ASSEMBLY KIT WITH 4 M  
2X1 CABLE  
Cod. 9003050006



TWO-COMPONENT RESIN  
Cod. 4000370521

## ACCESSORIES PLC



PLC TRANS. BUTTONS  
Cod. 4493000064



PLC TRANS. REMOTE  
Cod. 4493000004



CONVERT. DMX - PLC  
Cod. 4493000042



DALI - PLC CONV.  
Cod. 4493000001

Comprehensive list of accessories and spare parts searchable from p. 70



## MINI LINEA IN

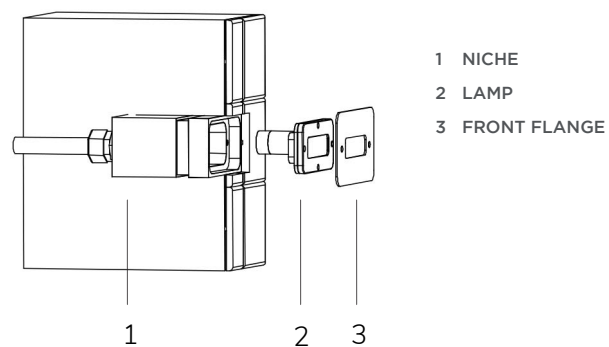
### NICHE AND INOX FLANGE

LED lamp designed to best illuminate small pools, whirlpool areas and stairways. Niche included with small dimensions.

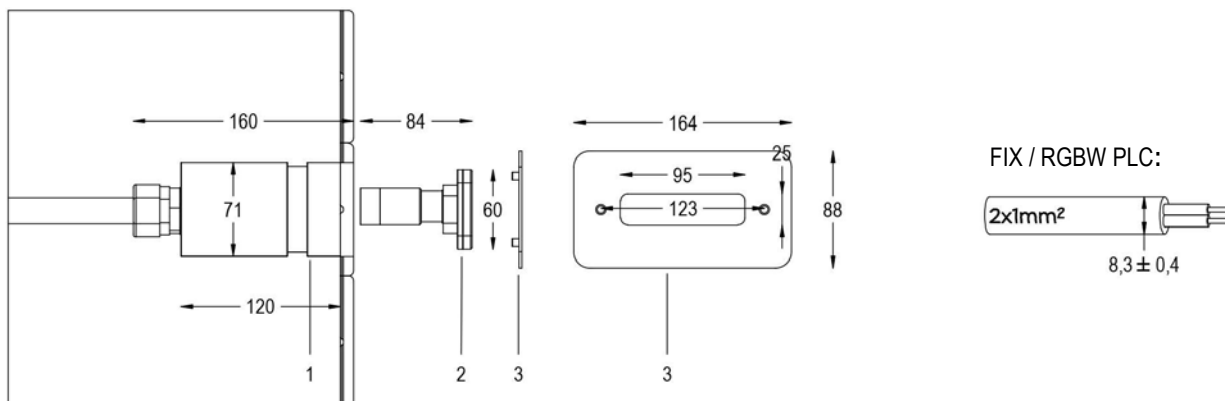
Pool type: recessed in concrete / with tiles.

12 V AC CL III IP IP68

AISI316L STEEL GLASS



### Technical drawing





## FIX

## FIXED COLOR VERSION



8.8W / 11VA 35 m 10 - 15

Other LED colors are available upon request

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE and 4m CABLE					
	2104803193	5000K	1138	120°	-
	2104803190	3000K	1080	120°	-
LAMP WITH STAINLESS STEEL FLANGE					
	3006000012	5000K	1138	120°	-
	3006000013	3000K	1080	120°	-

## PLC

## RGBW VARIABLE COLOR VERSION WITH PLC CONTROL



10.5W / 13VA 30 m

POWER LINE COMMUNICATION 10 - 15

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE AND 4m CABLE					
	2104803194	RGBW	600	120°	-
LAMP WITH STAINLESS STEEL FLANGE					
	3006000014	RGBW	600	120°	-

## ACCESSORIES



100 VA IP65 TRANSF.  
Cod. 0316170011



TRANSF. IP65 300 VA  
Cod. 0321170011



STAINLESS STEEL FLANGE  
Cod. 4900020023



CABLE 2 X 1  
Cod. 9003049010



WATERSTOP JOINT IP68  
Cod. 5300788701



MINI MAGIC LINEA IN NICHE  
Cod. 5500004400



100M CABLE 2X1 REEL  
Cod. 9003050001



ASSEMBLY KIT WITH 4 M  
2X1 CABLE  
Cod. 9003050006



TWO-COMPONENT RESIN  
Cod. 4000370521

## ACCESSORIES PLC



PLC TRANS. BUTTONS  
Cod. 4493000064



PLC TRANS. REMOTE  
Cod. 4493000004

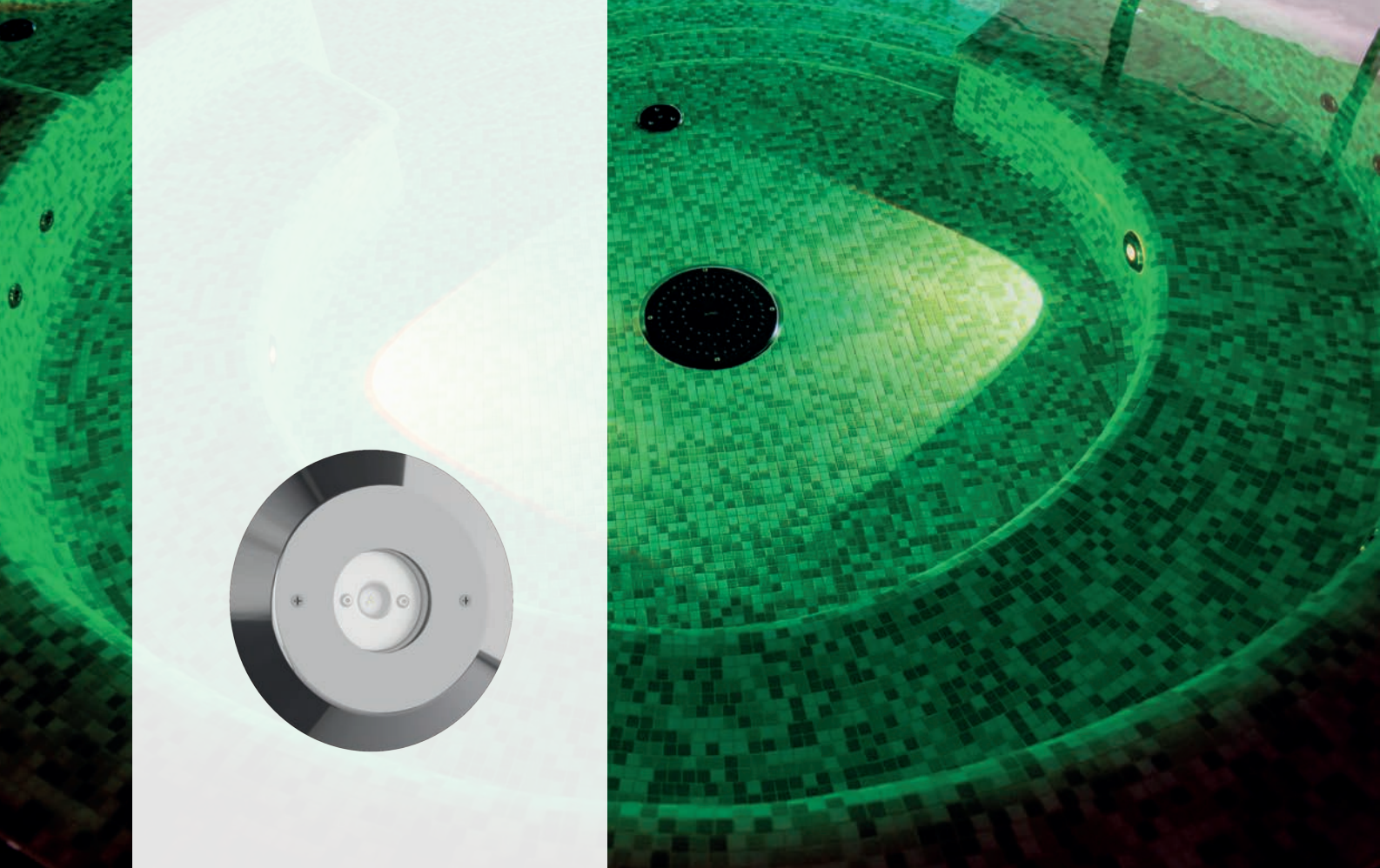


CONVERT. DMX - PLC  
Cod. 4493000042



DALI - PLC CONV.  
Cod. 4493000001

Comprehensive list of accessories and spare parts searchable from p. 70



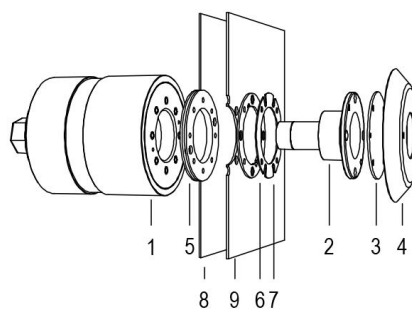
# MAGICSUB

## NICHE AND INOX FLANGE

LED lamp designed to best illuminate small tubs, whirlpool areas and stairways. The included recess contains the necessary cable for poolside maintenance.  
Pool type: panel / concrete / with tiles or sheet.

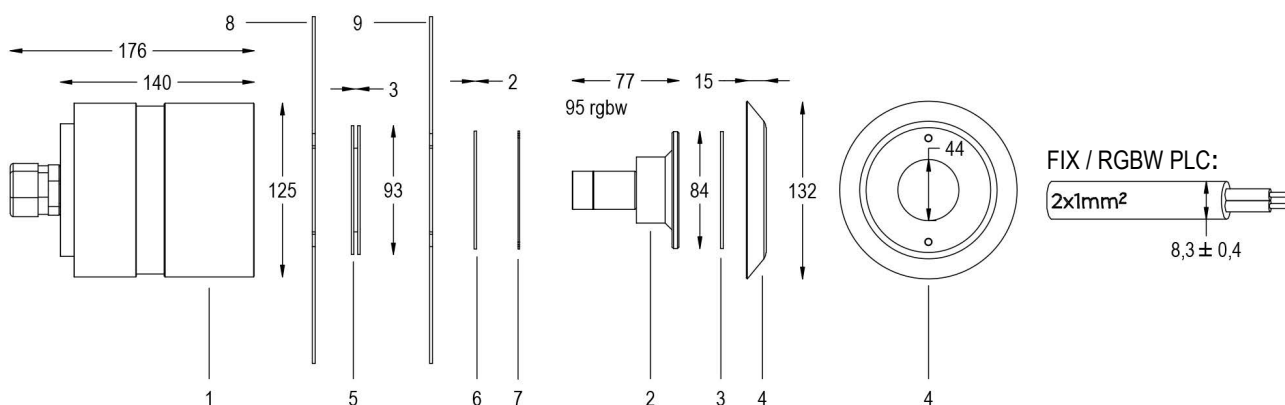
12 V AC CL III IP IP68

AISI316L STEEL GLASS



- 1 NICHE
- 2 LAMP
- 3 OPTICAL DIFFUSER
- 4 FRONT FLANGE
- 5 SANDWICH GASKET
- 6 LINER FLANGE
- 7 PLEXY SPACER
- 8 PANEL
- 9 POOL LINER

## Technical drawing



## FIX

## FIXED COLOR VERSION

W

2 WIRES

 5W / 7VA
  48 m
  5 - 10

Other LED colors are available upon request

Code	LED color	Total luminous flu	Beam angle	€
------	-----------	--------------------	------------	---

## LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE



7904797391	5000K	790 lm	16°	-
7904340191	5000K	790 lm	95°	-
7904797390	3000K	690 lm	16°	-
7903797390	3000K	690 lm	95°	-

## LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER



2703000022	5000K	790 lm	16°	-
2703000021	5000K	790 lm	95°	-
2703000024	3000K	690 lm	16°	-
2703000023	3000K	690 lm	95°	-

## PLC

## RGBW VARIABLE COLOR VERSION WITH PLC CONTROL

RGB W

2 WIRES

 12W / 17VA
  24 m
  RGBW

 POWER LINE COMMUNICATION
  5 - 10

Code	LED color	Total luminous flu	Beam angle	€
------	-----------	--------------------	------------	---

## LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE



7905797394	RGBW	432 lm	16°	-
7905340194	RGBW	432 lm	95°	-

## LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER



2703000026	RGBW	432 lm	16°	-
2703000025	RGBW	432 lm	95°	-

## ACCESSORIES



100 VA IP65 TRANSF.  
Cod. 0316170011



TRANSF. IP65 300 VA  
Cod. 0321170011



STAINLESS STEEL FLANGE NICHE  
Cod. 4900001326



OPTICAL DIFFUSER  
Cod. 2000002666



CABLE 2 X 1  
Cod. 9003049010



WATERSTOP JOINT IP68  
Cod. 5300788701



MINI SUB NICHE  
Cod. 5596000000



SANDWICH GASKET  
Cod. 1600000090



NICHE TIGHTENING WRENCH  
Cod. 1700770500



100M CABLE 2X1 REEL  
Cod. 9003050001



ASSEMBLY KIT WITH 4 M  
2X1 CABLE  
Cod. 9003050006



TWO-COMPONENT RESIN  
Cod. 4000370521

## ACCESSORIES PLC



PLC TRANS. BUTTONS  
Cod. 4493000064



PLC TRANS. REMOTE  
Cod. 4493000004



CONVERT. DMX - PLC  
Cod. 4493000042



DALI - PLC CONV.  
Cod. 4493000001

Comprehensive list of accessories and spare parts searchable from p. 70



## MAGICSUB<sup>IN</sup>

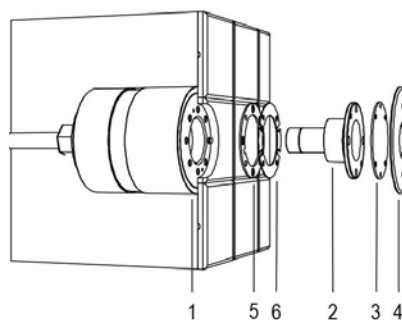
### NICHE AND INOX FLANGE

LED lamp designed to best illuminate small pools, whirlpool areas and stairways. The included niche contains the necessary cable for poolside maintenance.

Pool type: recessed in concrete / with tiles.

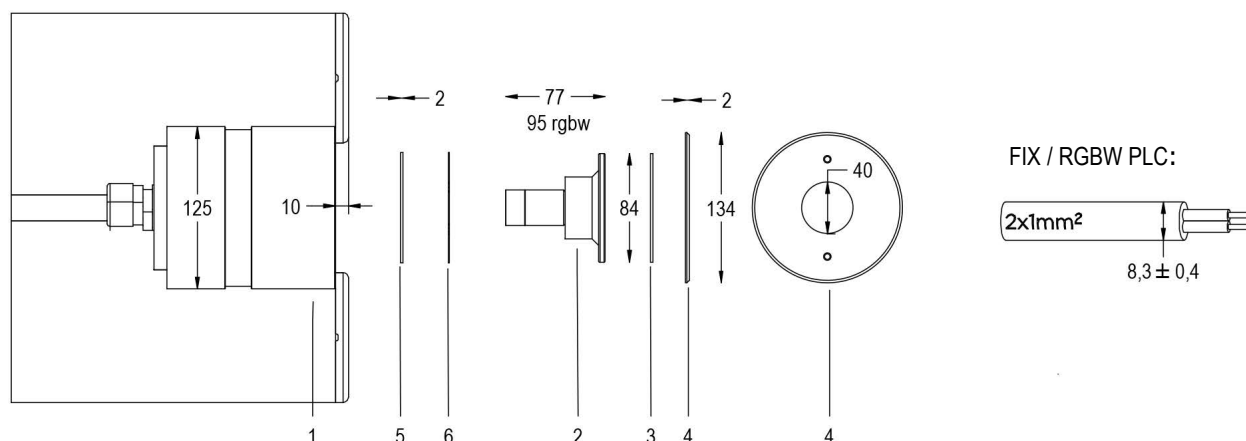
12 V AC  CL III  IP 68

 AISI316L STEEL  GLASS



- 1 NICHE
- 2 LAMP
- 3 OPTICAL DIFFUSER
- 4 FRONT FLANGE
- 5 GASKET
- 6 STAINLESS STEEL SPACER

### Technical drawing





## FIX

## FIXED COLOR VERSION

W

2 WIRES



5W / 7VA



48 m



5 - 10

Other LED colors are available upon request

Code	LED color	Total luminous flu	Beam angle	€
------	-----------	-----------------------	---------------	---

## LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE



7903797391	5000K	790 lm	16°	-
7902797391	5000K	790 lm	95°	-
7902797390	3000K	690 lm	16°	-
7903567390	3000K	690 lm	95°	-

## LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER



2703000028	5000K	790 lm	16°	-
2703000027	5000K	790 lm	95°	-
2703000030	3000K	690 lm	16°	-
2703000029	3000K	690 lm	95°	-

## PLC

## RGBW VARIABLE COLOR VERSION WITH PLC CONTROL

RGB  
W

2 WIRES



12W / 17VA



24 m



RGBW



POWER LINE COMMUNICATION



5 - 10

Code	LED color	Total luminous flu	Beam angle	€
------	-----------	-----------------------	---------------	---

## LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE



7906797394	RGBW	432 lm	16°	-
7904797394	RGBW	432 lm	95°	-

## LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER



2703000032	RGBW	432 lm	16°	-
2703000031	RGBW	432 lm	95°	-

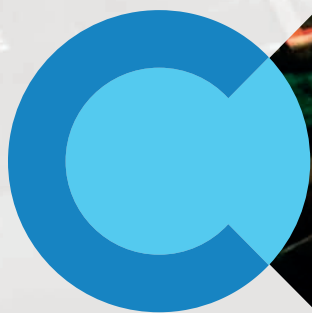
## ACCESSORIES

100 VA IP65 TRANSF.  
Cod. 0316170011STAINLESS STEEL FLANGE  
Cod. 4900001226OPTICAL DIFFUSER  
Cod. 2000002666CABLE 2 X 1  
Cod. 9003049010WATERSTOP JOINT IP68  
Cod. 5300788701MINI SUB NICHE  
Cod. 5596000000TEMPLATE FOR CONCRETE  
Cod. 1700540002SPACERS KIT  
Cod. 1700540000NICHE TIGHTENING WRENCH  
Cod. 1700770500100M CABLE 2X1 REEL  
Cod. 9003050001ASSEMBLY KIT WITH 4 M  
2X1 CABLE  
Cod. 9003050006TWO-COMPONENT RESIN  
Cod. 4000370521

## ACCESSORIES PLC

PLC TRANS. BUTTONS  
Cod. 4493000064PLC TRANS. REMOTE  
Cod. 4493000004CONVERT. DMX - PLC  
Cod. 4493000042DALI - PLC CONV.  
Cod. 4493000001

Comprehensive list of accessories and spare parts searchable from p. 70



# CLASSIC

Maximum Elegance for Stylish and Efficient Lighting.

Teclumen has created a product line designed to replace the classic but outdated incandescent PAR56 lamps. A range of high-performance lamps with LED technology that enhances luminous output and reduces energy consumption without the need for any intervention on the pool's structure, utilizing the existing niches.

## PAR 56 WITH LED TECHNOLOGY

The classic standard for pool lights reimaged with the latest-generation technology. Ideal for relamping projects and new installations.

## MINI

The LED technology lamp designed to replace traditional 100W halogen lamps in a simple and fast manner without the need for any structural modifications to the pool.









## EX 300W REPLACEMENT

Pool type: panel / reinforced concrete / with tiles or sheet.



Technical drawing of the LED lighting fixture showing various views and dimensions:

- Front View (Left):** Shows the overall height of 310 mm and a mounting bracket width of 140 mm.
- Top View (Middle):** Shows the mounting bracket with a width of 100 mm and a depth of 98 mm. The central lens has a diameter of 56 mm and a height of 175 mm.
- Side View (Right):** Shows the side profile with a height of 325 mm and a width of 20 mm.
- Front View (Right):** Shows the circular lens with a diameter of 170 mm.
- Detail View (Far Right):** Shows the cable connection with a cross-section of  $2 \times 2,5 \text{ mm}^2$  and a diameter of  $10,5 \pm 0,4$  mm.



## FIX

## FIXED COLOR VERSION



41W / 51VA 23 m 25 - 30

300 W

Other LED colors are available upon request

	Code	LED color	Total luminous flu	Beam angle	€
Lamp without cable					
	4511671202	5000K	5160 lm	120°	-
	4511671290	3000K	4520 lm	120°	-
Lamp with 4M of CABLE					
	4511672402	5000K	5160 lm	120°	-
	4512672490	3000K	4520 lm	120°	-

## PLC

## RGBW VARIABLE COLOR VERSION WITH PLC CONTROL



52W / 64VA 22 m RGBW

POWER LINE COMMUNICATION 25 - 30

300 W

	Code	LED color	Total luminous flu	Beam angle	€
Lamp without cable					
	4313173400	RGBW	2970 lm	120°	-
Lamp with 4M of CABLE					
	4313172400	RGBW	2970 lm	120°	-

## ACCESSORIES



100 VA IP65 TRANSF.  
Cod. 0316170011



TRANSF. IP65 300 VA  
Cod. 0321170011



ST. STEEL FLANGE  
Cod. 48043723 31



NEOPRENE 2X2,5 CABLE  
Cod. 9003070012



TWO-COMPONENT RESIN  
Cod. 4000370521



WATERSTOP JOINT IP68  
Cod. 5300788701



OPTICAL DIFFUSER  
Cod. 2000590066



PROJECTOR EX 300 W  
Cod. 0070000009



100M REEL 2X2,5 NEOP.CABLE  
Cod. 9003050003

## ACCESSORIES PLC



PLC TRANS. BUTTONS  
Cod. 4493000064



PLC TRANS. REMOTE  
Cod. 4493000004

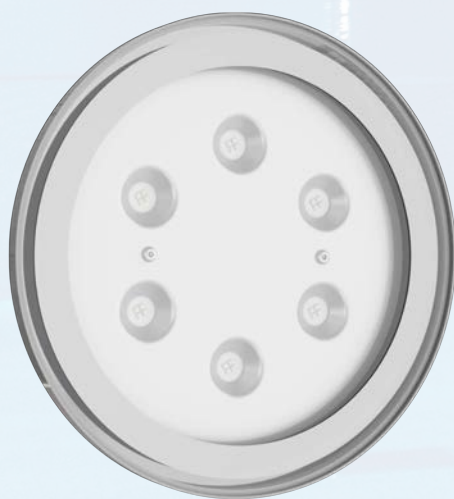


CONVERT. DMX - PLC  
Cod. 4493000042



DALI - PLC CONV.  
Cod. 4493000001

Comprehensive list of accessories and spare parts searchable from p. 70



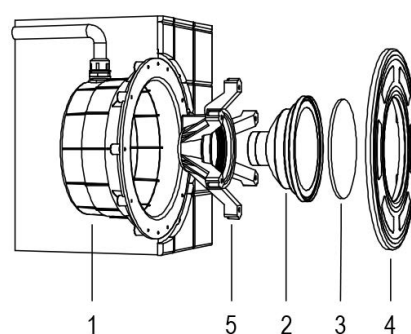
## PAR56

### EX 300W REPLACEMENT

LED lamp designed to best illuminate medium-sized pools. The included recess contains the necessary cable for poolside maintenance.  
Pool type: panel / concrete / with tiles or sheet.

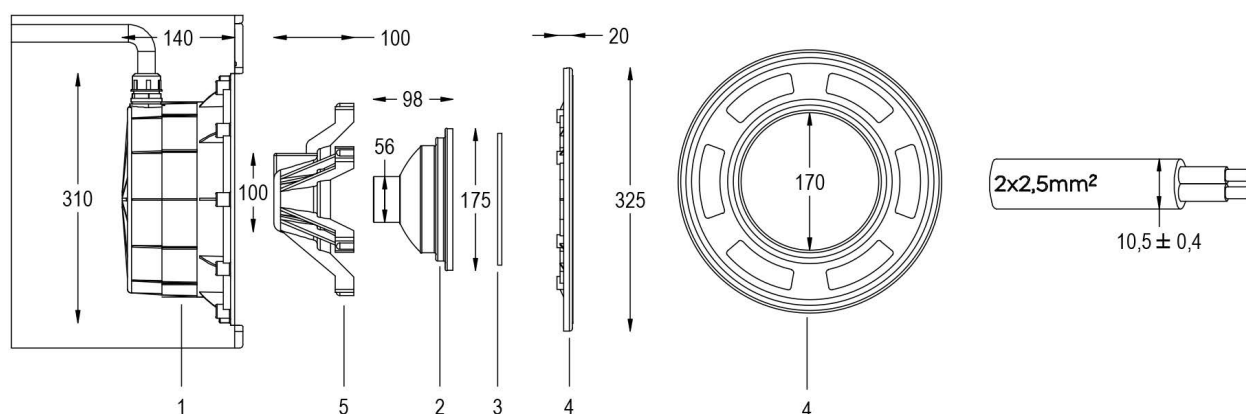
12 V AC CL III IP IP68

AISI316L STEEL GLASS



- 1 NICHE
- 2 LAMP
- 3 OPTICAL DIFFUSER
- 4 FRONT FLANGE
- 5 LAMP HOLDER RING

### Technical drawing



## FIX

## FIXED COLOR VERSION



34W / 43VA 39 m 20 - 25

300 W

Other LED colors are available upon request

	Code	LED color	Total luminous flu	Beam angle	€
Lamp without cable					
	4509171202	5000K	4060 lm	120°	-
	4511171290	3000K	3680 lm	120°	-
Lamp with 4M of CABLE					
	4509172402	5000K	4060 lm	120°	-
	4509172490	3000K	3680 lm	120°	-

## PLC

## RGBW VARIABLE COLOR VERSION WITH PLC CONTROL



41W / 52VA 30 m RGBW

POWER LINE COMMUNICATION 20 - 25

300 W

	Code	LED color	Total luminous flu	Beam angle	€
Lamp without cable					
	4311175900	RGBW	1990 lm	120°	-
Lamp with 4M of CABLE					
	4311172400	RGBW	1990 lm	120°	-

## ACCESSORIES



100 VA IP65 TRANSF.  
Cod. 0316170011



TRANSF. IP65 300 VA  
Cod. 0321170011



ST. STEEL FLANGE  
Cod. 48043723 31



NEOPRENE 2X2,5 CABLE  
Cod. 9003070012



TWO-COMPONENT RESIN  
Cod. 4000370521



WATERSTOP JOINT IP68  
Cod. 5300788701



OPTICAL DIFFUSER  
Cod. 2000590066



PROJECTOR EX 300 W  
Cod. 0070000009



100M REEL 2X2,5 NEOP.CABLE  
Cod. 9003050003

## ACCESSORIES PLC



PLC TRANS. BUTTONS  
Cod. 4493000064



PLC TRANS. REMOTE  
Cod. 4493000004



CONVERT. DMX - PLC  
Cod. 4493000042



DALI - PLC CONV.  
Cod. 4493000001

Comprehensive list of accessories and spare parts searchable from p. 70



## PAR56<sup>ECO</sup>

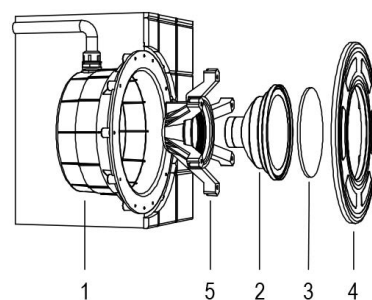
### EX 300W REPLACEMENT

LED lamp designed to best illuminate medium-sized pools. The standard size allows installation as a replacement for traditional 100 W halogen lamps.

Pool type: panel / concrete / with tiles or sheet.

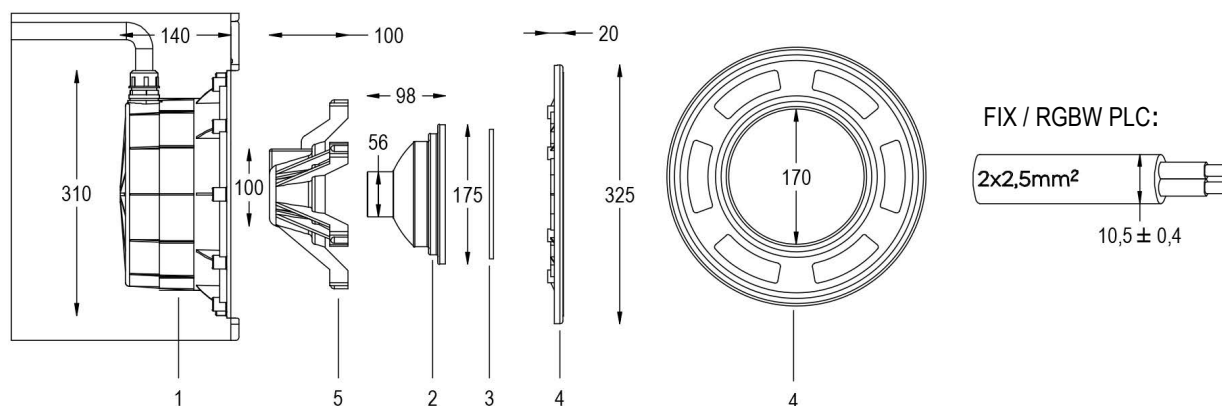
12 V AC  CL III **IP** IP68

 AISI316L STEEL  GLASS



- 1 NICHE
- 2 LAMP
- 3 OPTICAL DIFFUSER
- 4 FRONT FLANGE
- 5 LAMP HOLDER RING

### Technical drawing





## FIX

## FIXED COLOR VERSION



13W / 16VA 91 m 15 - 20

300 W

Other LED colors are available upon request

	Code	LED color	Total luminous flu	Beam angle	€
Lamp without cable					
	4503171602	5000K	2840 lm	120°	-
	4503171690	3000K	2750 lm	120°	-
Lamp WITH 4M OF CABLE					
	4503172402	5000K	2840 lm	120°	-
	4503172490	3000K	2750 lm	120°	-

## PLC

## RGBW VARIABLE COLOR VERSION WITH PLC CONTROL



21W / 26VA 53 m RGBW

POWER LINE COMMUNICATION 15 - 20

300 W

	Code	LED color	Total luminous flu	Beam angle	€
Lamp without cable					
	4306175900	RGBW	990 lm	120°	-
Lamp WITH 4M OF CABLE					
	4306172400	RGBW	990 lm	120°	-

## ACCESSORIES



100 VA IP65 TRANSF.  
Cod. 0316170011



TRANSF. IP65 300 VA  
Cod. 0321170011



ST. STEEL FLANGE  
Cod. 48045323 03



NEOPRENE 2X2,5 CABLE  
Cod. 9003070012



TWO-COMPONENT RESIN  
Cod. 4000370521



WATERSTOP JOINT IP68  
Cod. 5300788701



OPTICAL DIFFUSER  
Cod. 2000590066



PROJECTOR EX 300 W  
Cod. 0070000009



100M REEL 2X2,5 NEOP.CABLE  
Cod. 9003050003

## ACCESSORIES PLC



PLC TRANS. BUTTONS  
Cod. 4493000064



PLC TRANS. REMOTE  
Cod. 4493000004



CONVERT. DMX - PLC  
Cod. 4493000042



DALI - PLC CONV.  
Cod. 4493000001

Comprehensive list of accessories and spare parts searchable from p. 70



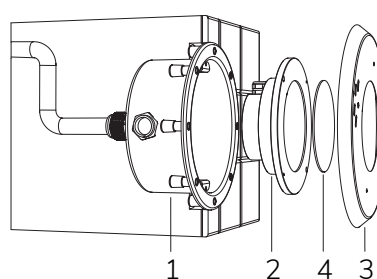
# STWPOWER

## REPLACEMENT

LED pool lamp, ideal for large pools. The dimensions and the supplied flange allow installation as a replacement for 300 W halogen Par-56 spotlights.

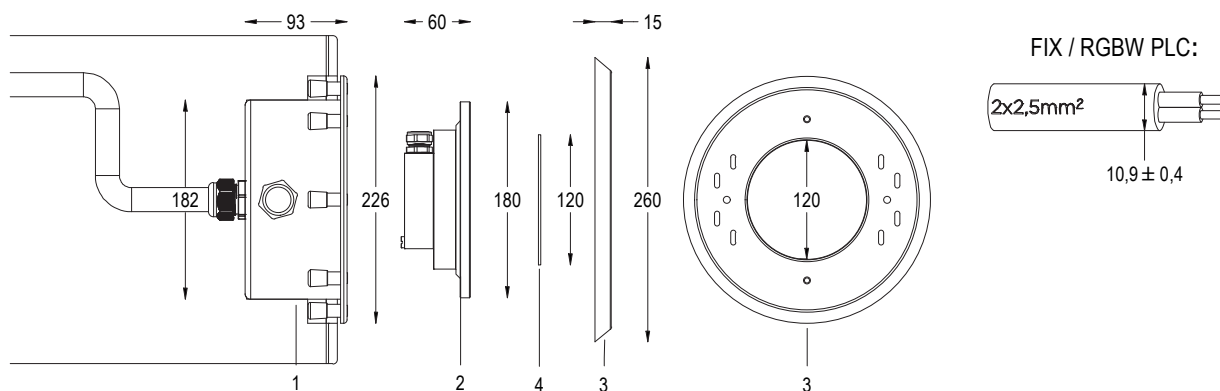
12 V AC CL III IP IP68

AISI316L STEEL GLASS



- 1 NICHE
- 2 LAMP
- 3 FRONT FLANGE
- 4 OPTICAL DIFFUSER

## Technical drawing



## FIX


## FIXED COLOR VERSION



41W / 51VA  14 m  25 - 30

 300 W

Other LED colors are available upon request  
24 V DC are available on request

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER and 4m of CABLE					
	7413784100	5000K	5160 lm	120°	-
	7413784190	3000K	4520 lm	120°	-

## PLC


## RGBW VARIABLE COLOR VERSION WITH PLC CONTROL



52W / 64VA  14 m  RGBW

 POWER LINE COMMUNICATION  25 - 30

 300 W

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER and 4m of CABLE					
	7414786494	RGBW	2970 lm	120°	-

## ACCESSORIES



100 VA IP65 TRANSF.  
Cod. 0316170011



TRANSF. IP65 300 VA  
Cod. 0321170011



CABLE 2 X 2.5  
Cod. 9003079010

## ACCESSORIES PLC



PLC TRANS. BUTTONS  
Cod. 4493000064



PLC TRANS. REMOTE  
Cod. 4493000004



CONVERT. DMX - PLC  
Cod. 4493000042



DALI - PLC CONV.  
Cod. 4493000001

Comprehensive list of accessories and spare parts searchable from p. 70



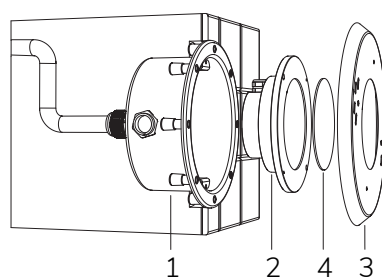
# STW

## REPLACEMENT

LED pool lamp, ideal for medium pools. The dimensions and the supplied flange allow installation as a replacement for 300 W halogen Par-56 spotlights.

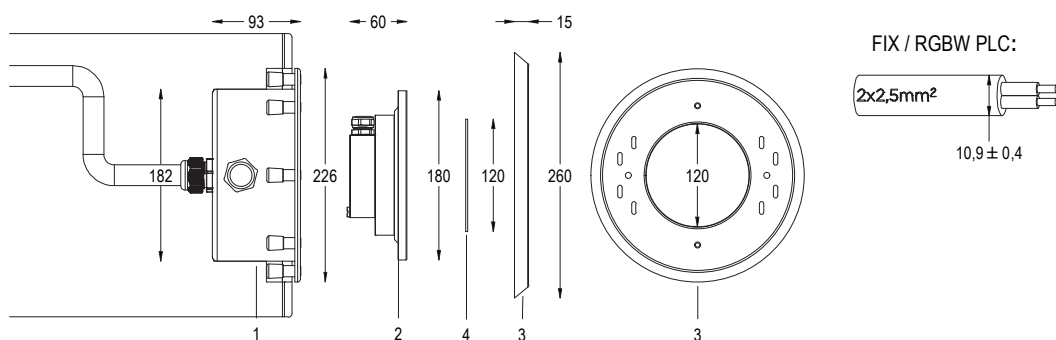
12 V AC CL III IP IP68

AISI316L STEEL GLASS



- 1 NICHE
- 2 LAMP
- 3 FRONT FLANGE
- 4 OPTICAL DIFFUSER

## Technical drawing





## FIX

## FIXED COLOR VERSION



34W / 43VA 24 m 20 - 25

300 W

Other LED colors are available upon request

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER and 4m of CABLE					
	7411784100	5000K	4060 lm	120°	-
	7411784190	3000K	3680 lm	120°	-

## PLC

## RGBW VARIABLE COLOR VERSION WITH PLC CONTROL



41W / 52VA 19 m RGBW

POWER LINE COMMUNICATION 20 - 25

300 W

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER and 4m of CABLE					
	7413786494	RGBW	1990 lm	120°	-

## ACCESSORIES



100 VA IP65 TRANSF.  
Cod. 0316170011



TRANSF. IP65 300 VA  
Cod. 0321170011



CABLE 2 X 2.5  
Cod. 9003079010

## ACCESSORIES PLC



PLC TRANS. BUTTONS  
Cod. 4493000064



PLC TRANS. REMOTE  
Cod. 4493000004



CONVERT. DMX - PLC  
Cod. 4493000042



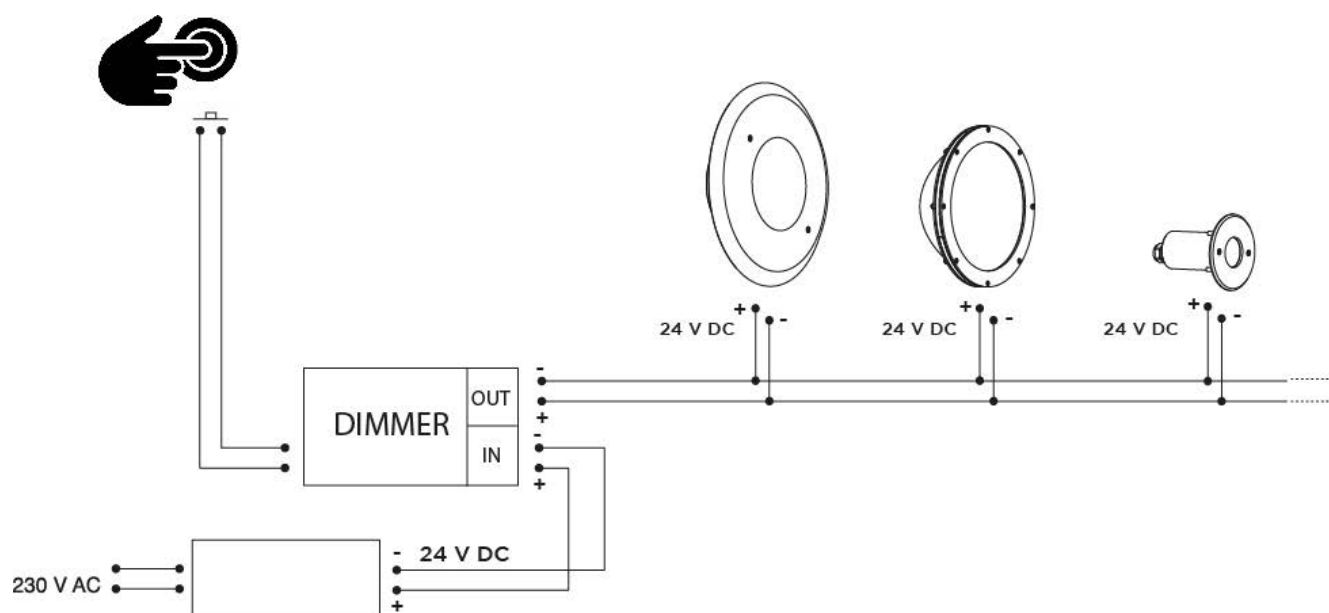
DALI - PLC CONV.  
Cod. 4493000001

Comprehensive list of accessories and spare parts searchable from p. 70



## W 2 wires 24 V DC

Dimmable LED lamps with 2-wire cable controlled by DIMMER 24V DC and push button.





# PERLA

## NICHE AND INOX FLANGE

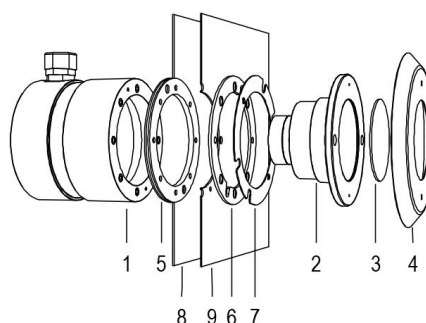
24 V DC 19 m 40 W / 50 VA

CL III AISI 316L STEEL GLASS

IP 68 20 - 25

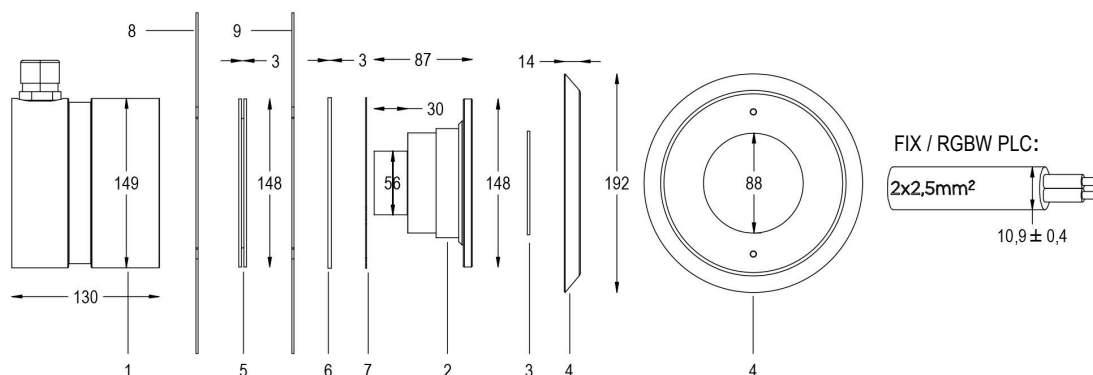
Fixed colour LED lamp for pool, ideal for medium size pools. The niche included contains space to collect the cable for maintenance. For panel and reinforced concrete with tiles or pool liner.

	Code	LED color	Total luminous flu	Beam angle	€
<b>LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE</b>					
	2115347493	5000K	4330 lm	120°	-
	2115347590	3000K	3750 lm	120°	-
<b>LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER</b>					
	2905000026	5000K	4330 lm	120°	-
	2905000027	3000K	3750 lm	120°	-



- 1 NICHE
- 2 LAMP
- 3 OPTICAL DIFFUSER
- 4 FRONT FLANGE
- 5 SANDWICH GASKET
- 6 LINER FLANGE
- 7 PLEXY SPACER
- 8 PANEL
- 9 POOL LINER

## Technical drawing (mm)



## Accessories



24V DC POWER SUPPLY  
320W  
Cod. 0221210028



DRIVER PUSH-DIM DMX  
Cod. 00330053



DRIVER PUSH-DIM DALI  
Cod. 00330054



OPTICAL DIFFUSER  
Cod. 2000001066



CABLE 2 X 2.5  
Cod. 9003079010



WATERSTOP JOINT IP68  
Cod. 5300788701



PERLA NICHE  
Cod. 5500000002



SANDWICH GASKET  
Cod. 1600001100



100M CABLE 2X2,5 REEL  
Cod. 9003050002



ASSEMBLY KIT WITH 4 M  
2X2,5 CABLE  
Cod. 9003050007



TWO-COMPONENT RESIN  
Cod. 4000370521



STAINLESS STEEL FLANGE  
Cod. 4910001626



	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE					
	2115347693	5000K	4330 lm	120°	-
	2115347790	3000K	3750 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER					
	290500028	5000K	4330 lm	120°	-
	290500029	3000K	3750 lm	120°	-

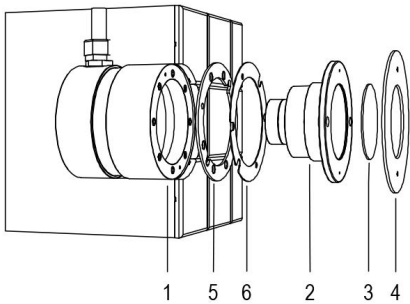


PERLA<sup>IN</sup>

NICHE AND INOX FLANGE

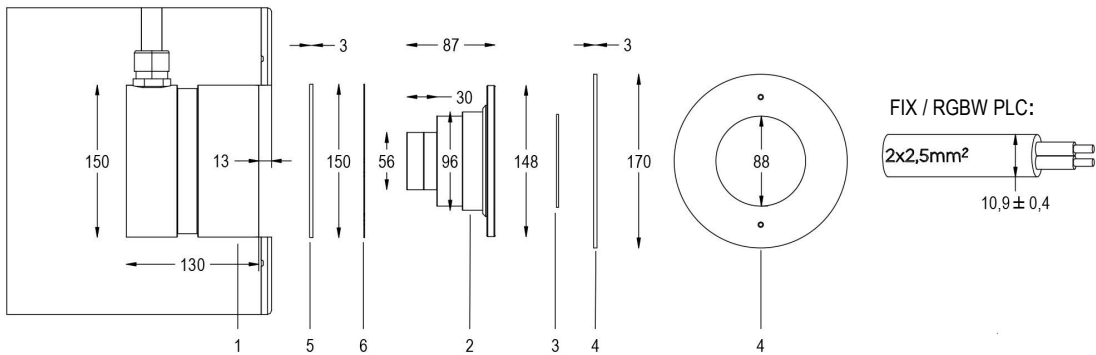
- 24 V DC
- 19 m
- 40 W / 50 VA
- CL III
- AISI 316L STEEL
- GLASS
- IP 68
- 20 - 25

Fixed colour LED lamp for pool, ideal for medium size pools. The niche included contains space to collect the cable for maintenance. For recess installation in reinforced concrete.



- 1 NICHE
- 2 LAMP
- 3 OPTICAL DIFFUSER
- 4 FRONT FLANGE
- 5 STAINLESS STEEL SPACER
- 6 PLEXY SPACER

Technical drawing (mm)



Accessories



24V DC POWER SUPPLY  
320W  
Cod. 0221210028



DRIVER PUSH-DIM DMX  
Cod. 00330053



DRIVER PUSH-DIM DALI  
Cod. 00330054



OPTICAL DIFFUSER  
Cod. 2000001066



CABLE 2 X 2.5  
Cod. 9003079010



WATERSTOP JOINT IP68  
Cod. 5300788701



PERLA NICHE  
Cod. 5500000002



SANDWICH GASKET  
Cod. 1600001100



100M CABLE 2X2,5 REEL  
Cod. 9003050002



ASSEMBLY KIT WITH 4 M  
2X2,5 CABLE  
Cod. 9003050007



TWO-COMPONENT RESIN  
Cod. 4000370521





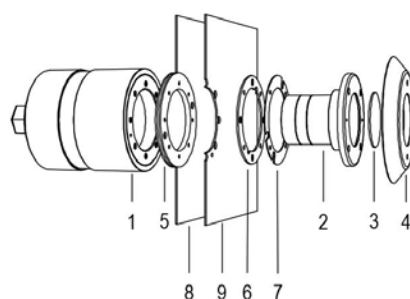
## MINI PERLA

NICHE AND INOX FLANGE

24 V DC  $\text{C}_{\text{MAX}}$  30 m 24 W / 31 VA  
 CL III AISI 316L STEEL GLASS  
 IP 68 15 - 20

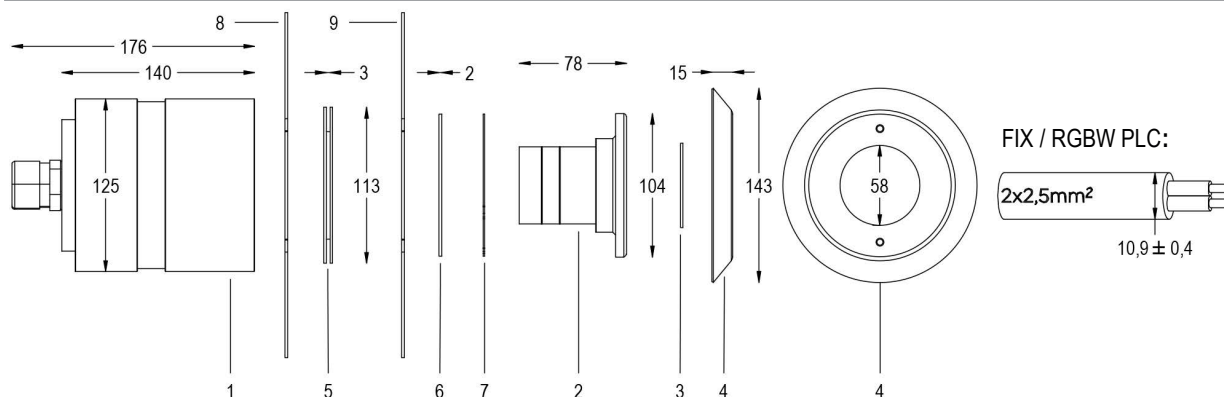
Fixed colour LED lamp for pool, ideal for medium and small pools. The niche included contains space to collect the cable for maintenance. For panel and reinforced concrete with tiles or pool liner.

	Code	LED color	Total luminous flu	Beam angle	€
<b>LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE</b>					
	2108347491	5000K	2795 lm	120°	-
	2108347490	3000K	2510 lm	120°	-
<b>LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER</b>					
	2804000014	5000K	2795 lm	120°	-
	2804000015	3000K	2510 lm	120°	-



- 1 NICHE
- 2 LAMP
- 3 OPTICAL DIFFUSER
- 4 FRONT FLANGE
- 5 SANDWICH GASKET
- 6 LINER FLANGE
- 7 PLEXY SPACER
- 8 PANEL
- 9 POOL LINER

### Technical drawing (mm)



### Accessories



24V DC POWER SUPPLY  
320W  
Cod. 0221210028



DRIVER PUSH-DIM DMX  
Cod. 00330053



DRIVER PUSH-DIM DALI  
Cod. 00330054



CABLE 2 X 2.5  
Cod. 9003079010



WATERSTOP JOINT IP68  
Cod. 5300788701



WATERTIGHT NICHE  
Cod. 5521018700



TEMPLATE FOR CONCRETE  
Cod. 1700550002



SPACERS KIT  
Cod. 1700550000



NICHE TIGHTENING WRENCH  
Cod. 1700770500



100M CABLE 2X2,5 REEL  
Cod. 9003050002



ASSEMBLY KIT WITH 4 M  
2X2,5 CABLE  
Cod. 9003050007



STAINLESS STEEL FLANGE  
Cod. 4930003826



OPTICAL DIFFUSER  
Cod. 2000000866







TWO-COMPONENT RESIN  
Cod. 4000370521

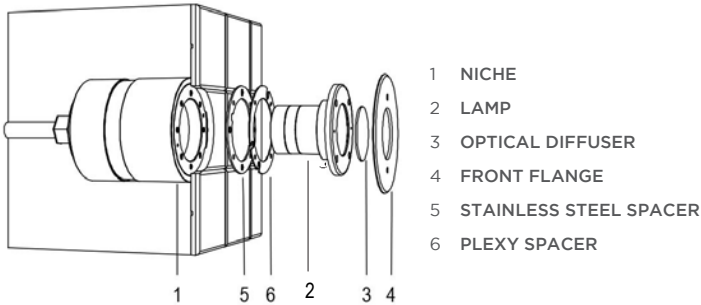


MINI**PERLA**IN  
NICHE AND INOX FLANGE

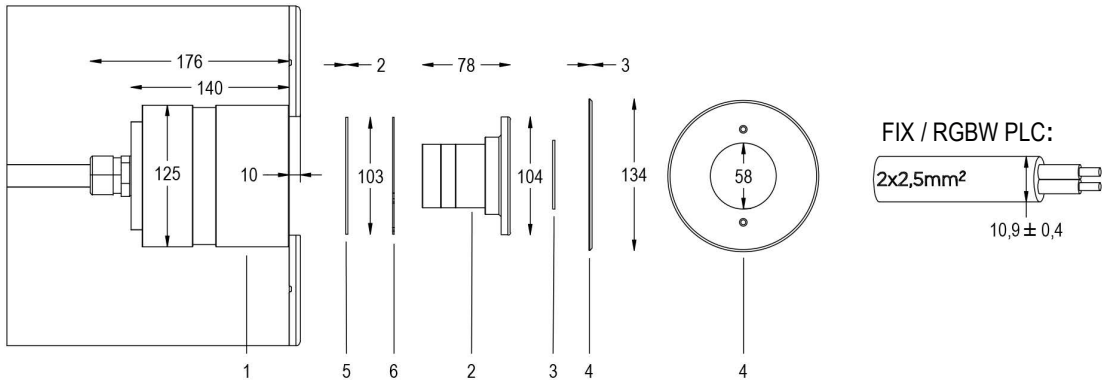
- 24 V DC
- 30 m
- 24 W / 31 VA
- CL III
- AISI 316L STEEL
- GLASS
- IP 68
- 15 - 20

Fixed colour LED lamp for pool, ideal for medium and small pools. The niche included contains space to collect the cable for maintenance. For recess installation in reinforced concrete.

Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE				
 2108347591	5000K	2795 lm	120°	-
 2108347690	3000K	2510 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER				
 2804000019	5000K	2795 lm	120°	-
 2804000020	3000K	2510 lm	120°	-



Technical drawing (mm)



Accessories



24V DC POWER SUPPLY  
320W  
Cod. 0221210028



DRIVER PUSH-DIM DMX  
Cod. 00330053



DRIVER PUSH-DIM DALI  
Cod. 00330054



CABLE 2 X 2.5  
Cod. 9003079010



WATERSTOP JOINT IP68  
Cod. 5300788701



WATERTIGHT NICHE  
Cod. 5521018700



TEMPLATE FOR CONCRETE  
Cod. 1700550002



SPACERS KIT  
Cod. 1700550000



NICHE TIGHTENING WRENCH  
Cod. 1700770500



100M CABLE 2X2,5 REEL  
Cod. 9003050002



ASSEMBLY KIT WITH 4 M  
2X2,5 CABLE  
Cod. 9003050007



TWO-COMPONENT RESIN  
Cod. 4000370521



STAINLESS STEEL FLANGE  
Cod. 4930003826



OPTICAL DIFFUSER  
Cod. 2000000866





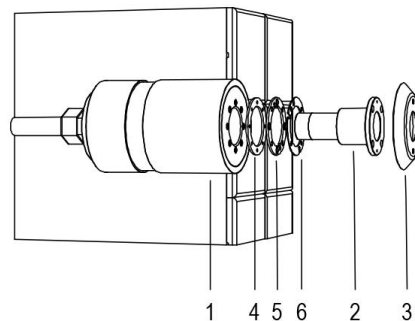
## microPERLA

NICHE AND INOX FLANGE



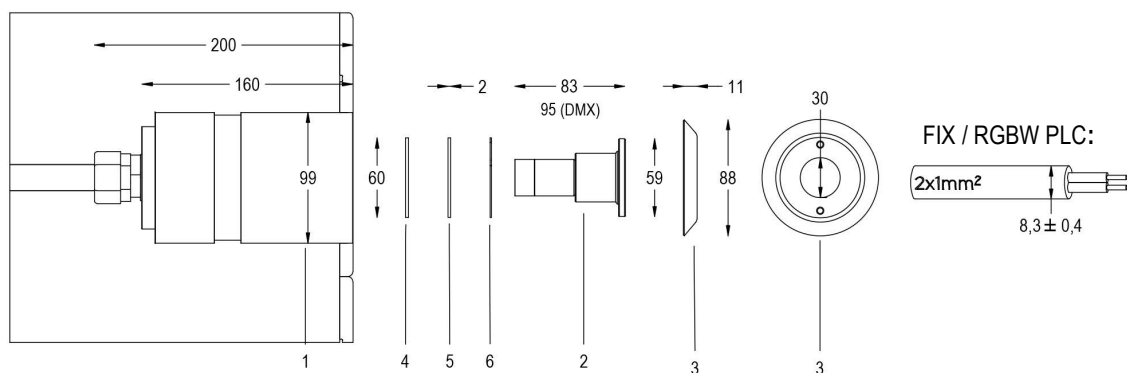
Fixed colour LED lamp for pool, ideal for small pools, jacuzzi areas and steps. The niche included contains space to collect the cable for maintenance. For panel and reinforced concrete with tiles or pool liner.

Code	LED color	Total luminous flu	Beam angle	€
<b>LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE</b>				
 2102340193	5000K	286 lm	120°	-
2102340190	3000K	256 lm	120°	-
<b>LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER</b>				
 2602000014	5000K	286 lm	120°	-
2602000015	3000K	256 lm	120°	-



- 1 NICHE
- 2 LAMP
- 3 FRONT FLANGE
- 4 GASKET
- 5 LINER FLANGE
- 6 PLEXY SPACER
- 7 POOL LINER

### Technical drawing (mm)



### Accessories



24V DC POWER SUPPLY  
120W  
Cod. 0217210028



DRIVER PUSH-DIM DMX  
Cod. 00330053



DRIVER PUSH-DIM DALI  
Cod. 00330054



WATERSTOP JOINT IP68  
Cod. 5300788701



WATERTIGHT NICHE  
Cod. 5521008700



TEMPLATE FOR CONCRETE  
Cod. 1700380002



SPACERS KIT  
Cod. 1700530000



TIGHTENING WRENCH  
Cod. 1700770400



100M CABLE 2X1 REEL  
Cod. 9003050001



ASSEMBLY KIT WITH 4 M  
2X1 CABLE  
Cod. 9003050006



TWO-COMPONENT RESIN  
Cod. 4000370521



STAINLESS STEEL FLANGE  
Cod. 4940000926



CABLE 2 X 1  
Cod. 9003049010



**DIM**  
24 V DC

**W**

**2**  
WIRES

micro**PERLA**IN  
NICHE AND INOX FLANGE

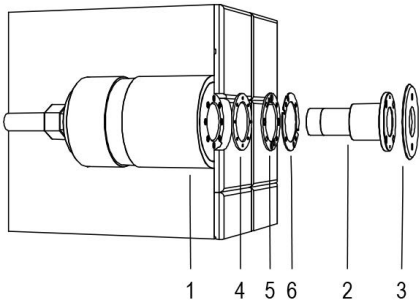
24 V DC 35 m 4 W / 5 VA

CL III AISI 316L STEEL GLASS

IP 68 UP TO 5

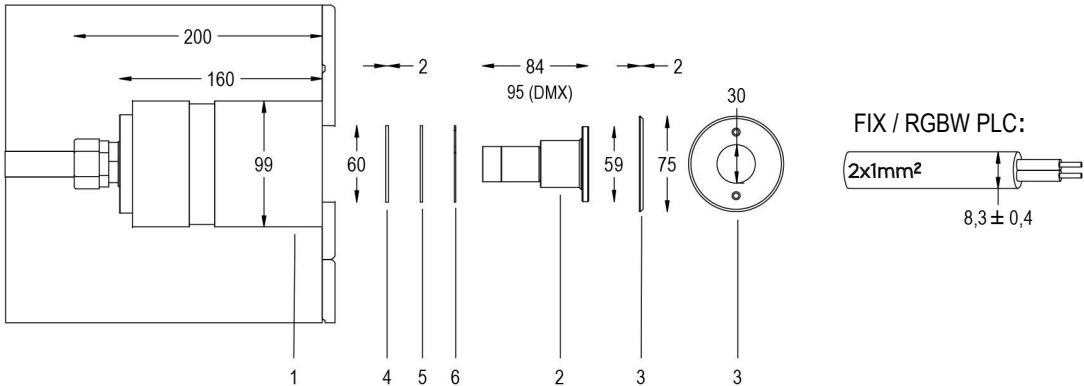
Fixed colour LED lamp for pool, ideal for small pools, jacuzzi areas and steps. The niche included contains space to collect the cable for maintenance. For recess installation in reinforced concrete.

	Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE					
	2102340293	5000K	286 lm	120°	-
	2102340290	3000K	256 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER					
	2602000019	5000K	286 lm	120°	-
	2602000020	3000K	256 lm	120°	-



- 1 NICHE
- 2 LAMP
- 3 FRONT FLANGE
- 4 GASKET
- 5 STAINLESS STEEL SPACER
- 6 PLEXY SPACER

Technical drawing (mm)



Accessories



24V DC POWER SUPPLY  
120W  
Cod. 0217210028



DRIVER PUSH-DIM DMX  
Cod. 00330053



DRIVER PUSH-DIM DALI  
Cod. 00330054



WATERSTOP JOINT IP68  
Cod. 5300788701



WATERTIGHT NICHE  
Cod. 5521008700



TEMPLATE FOR CONCRETE  
Cod. 1700380002



SPACERS KIT  
Cod. 1700530000



TIGHTENING WRENCH  
Cod. 1700770400



100M CABLE 2X1 REEL  
Cod. 9003050001



ASSEMBLY KIT WITH 4 M  
2X1 CABLE  
Cod. 9003050006



TWO-COMPONENT RESIN  
Cod. 4000370521



STAINLESS STEEL FLANGE  
Cod. 4940000926



CABLE 2 X 1  
Cod. 9003049010





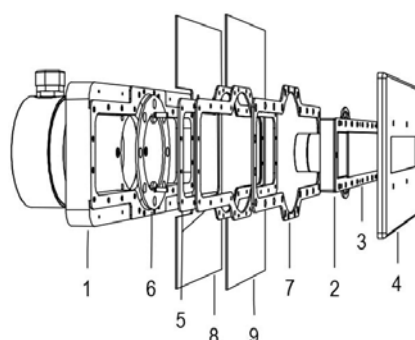
# LINEA

## NICHE AND INOX FLANGE

24 V DC
 21 m
 34 W / 40 VA  
 CL III
 AISI 316L STEEL
 GLASS  
 IP 68
 20 - 25

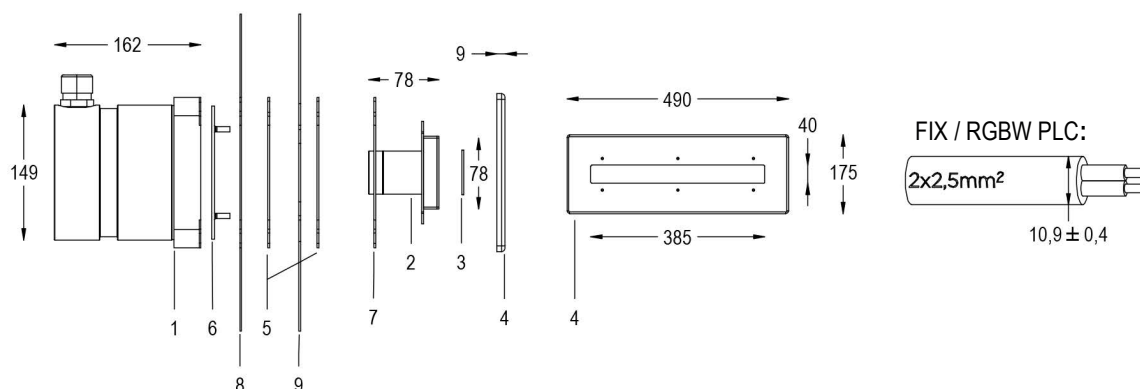
Fixed colour LED lamp for pool, ideal for medium size pools. The niche included contains space to collect the cable for maintenance. For panel and reinforced concrete with tiles or pool liner.

Code	LED color	Total luminous flu	Beam angle	€
<b>LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE</b>				
<b>2106001393</b>	5000K	3850 lm	120°	-
<b>2106001390</b>	3000K	3500 lm	120°	-
<b>LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER</b>				
<b>3107000011</b>	5000K	3850 lm	120°	-
<b>3107000012</b>	3000K	3500 lm	120°	-



- 1 NICHE
- 2 LAMP
- 3 OPTICAL DIFFUSER
- 4 FRONT FLANGE
- 5 GASKET
- 6 FIXING RING
- 7 LINER FLANGE
- 8 PANEL
- 9 POOL LINER

### Technical drawing (mm)



### Accessories



24V DC POWER SUPPLY  
120W  
Cod. 0217210028



DRIVER PUSH-DIM DMX  
Cod. 00330053



DRIVER PUSH-DIM DALI  
Cod. 00330054



OPTICAL DIFFUSER  
Cod. 2000010066



CABLE 2 X 2.5  
Cod. 9003079010



WATERSTOP JOINT IP68  
Cod. 5300788701



MAGIC LINEA NICHE  
Cod. 5500004504



SANDWICH GASKET  
Cod. 1600001100



100M CABLE 2X2,5 REEL  
Cod. 9003050002



ASSEMBLY KIT WITH 4 M  
2X2,5 CABLE  
Cod. 9003050007



TWO-COMPONENT RESIN  
Cod. 4000370521



STAINLESS STEEL FLANGE  
Cod. 4920002232



	Code	LED colour	Luminous Flux	Beam Angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m of CABLE					
	2106001493	5000K	4060 lumen	120°	-
	2106001493	3000K	3680 lumen	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER					
	3107000016	5000K	4060 lumen	120°	-
	3107000017	3000K	3680 lumen	120°	-

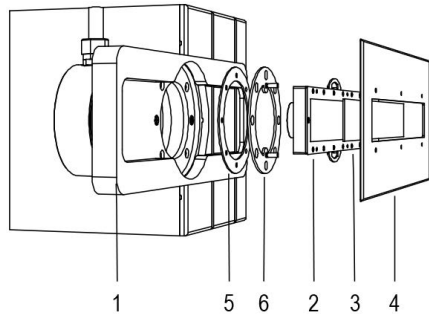


LINEA IN

NICHE AND INOX FLANGE

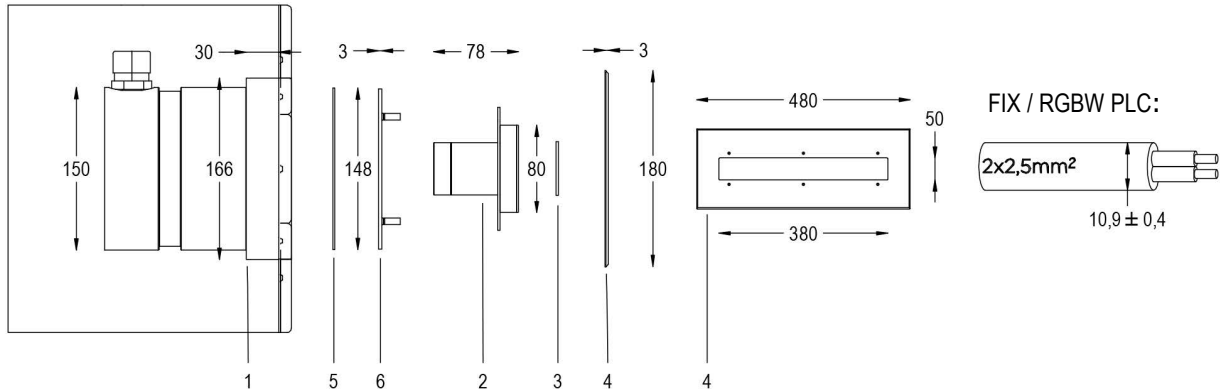
- 24 V DC  21 m  34 W / 40 VA
- CL III  AISI 316L STEEL  GLASS
- IP 68  20 - 25

Fixed colour LED lamp for pool, ideal for medium size pools. The niche included contains space to collect the cable for maintenance. For recess installation in reinforced concrete.



- 1 NICHE
- 2 LAMP
- 3 OPTICAL DIFFUSER
- 4 FRONT FLANGE
- 5 GASKET
- 6 FIXING RING

Technical drawing (mm)



Accessories



24V DC POWER SUPPLY  
120W  
Cod. 0217210028



DRIVER PUSH-DIM DMX  
Cod. 00330053



DRIVER PUSH-DIM DALI  
Cod. 00330054



CABLE 2 X 2.5  
Cod. 9003079010



WATERSTOP JOINT IP68  
Cod. 5300788701



MAGIC LINEA NICHE  
Cod. 5500004503



TEMPLATE FOR CONCRETE  
Cod. 1700570002



SPACERS KIT  
Cod. 1700570000



100M CABLE 2X2,5 REEL  
Cod. 9003079010



ASSEMBLY KIT WITH 4 M  
2X2,5 CABLE  
Cod. 9003050006



TWO-COMPONENT RESIN  
Cod. 4000370521





OPTICAL DIFFUSER  
Cod. 2000010066



STAINLESS STEEL FLANGE  
Cod. 4920002326



	Code	LED color	Total luminous flu	Beam angle	€
<b>LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE</b>					
	<b>2101340191</b>	5000K	286 lm	120°	-
	<b>2101340190</b>	3000K	256 lm	120°	-
<b>LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER</b>					
	<b>3006000015</b>	5000K	286 lm	120°	-
	<b>3006000016</b>	3000K	256 lm	120°	-

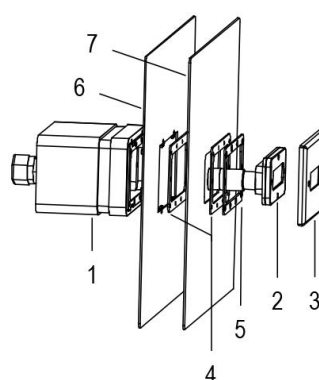


## MINI LINEA

### NICHE AND INOX FLANGE

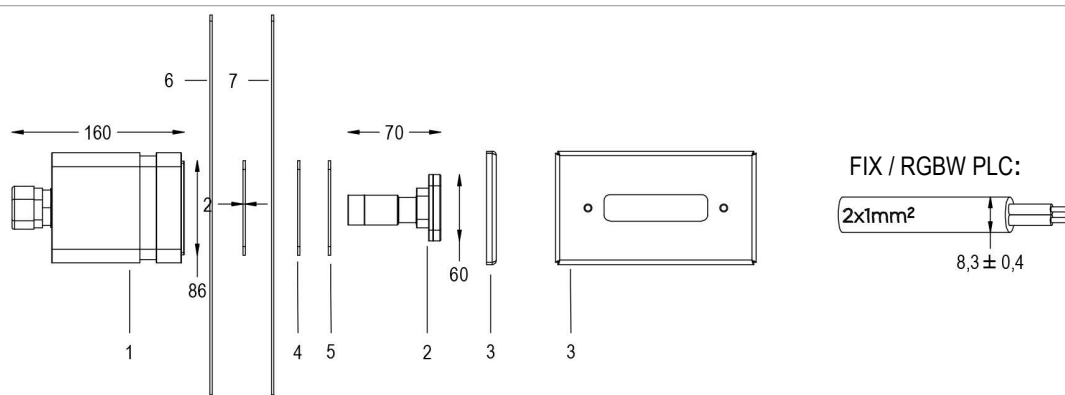


Fixed colour LED lamp for pool, ideal for small pools, jacuzzi areas and steps. The niche included contains space to collect the cable for maintenance. For panel and reinforced concrete with tiles or pool liner.



- 1 NICHE
- 2 LAMP
- 3 FRONT FLANGE
- 4 GASKET
- 5 LINER FLANGE
- 6 PANEL
- 7 POOL LINER

### Technical drawing (mm)



### Accessories



24V DC POWER SUPPLY  
120W  
Cod. 0217210028



DRIVER PUSH-DIM DMX  
Cod. 00330053



DRIVER PUSH-DIM DALI  
Cod. 00330054



CABLE 2 X 1  
Cod. 9003049010



WATERSTOP JOINT IP68  
Cod. 5300788701



MINI MAGIC LINEA NICHE  
Cod. 5500004300



100M CABLE 2X1 REEL  
Cod. 9003050001



ASSEMBLY KIT WITH 4 M  
2X1 CABLE  
Cod. 9003050006







TWO-COMPONENT RESIN  
Cod. 4000370521



STAINLESS STEEL FLANGE  
Cod. 4900010023



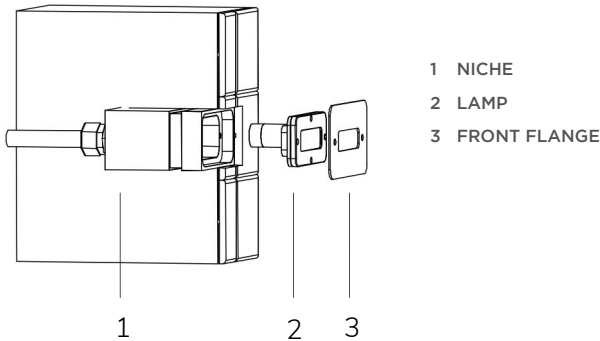
Code	LED color	Total luminous flu	Beam angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m CABLE				
 2104801401	5000K	286 lm	120°	-
 2104801402	3000K	256 lm	120°	-
LAMP WITH STAINLESS STEEL FLANGE, DIFFUSER				
 3006000017	5000K	286 lm	120°	-
 3006000018	3000K	256 lm	120°	-



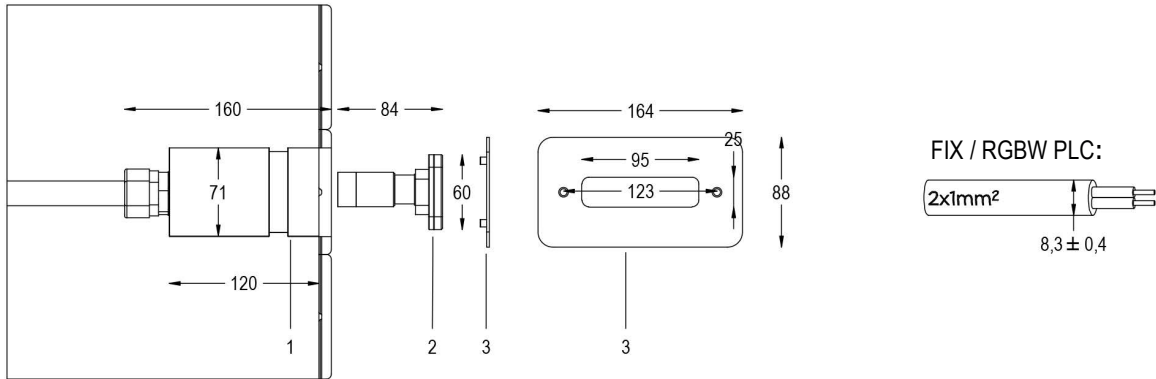
MINI LINEA IN  
NICHE AND INOX FLANGE

- 24 V DC 35 m 4 W / 5 VA
- CL III AISI 316L STEEL GLASS
- IP 68 UP TO 5

Fixed colour LED lamp for pool, ideal for small pools, jacuzzi areas and steps. The niche included contains space to collect the cable for maintenance. For panel and reinforced concrete with tiles or pool liner.



Technical drawing (mm)



Accessories

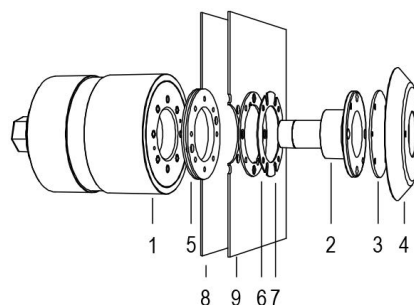
- 24V DC POWER SUPPLY 120W Cod. 0217210028
- DRIVER PUSH-DIM DMX Cod. 00330053
- DRIVER PUSH-DIM DALI Cod. 00330054
- CABLE 2 X 1 Cod. 9003049010
- WATERSTOP JOINT IP68 Cod. 5300788701
- MINI MAGIC LINEA IN NICHE Cod. 5500004400
- 100M CABLE 2X1 REEL Cod. 9003050001
- ASSEMBLY KIT WITH 4 M 2X1 CABLE Cod. 9003050006
- TWO-COMPONENT RESIN Cod. 4000370521
- STAINLESS STEEL FLANGE Cod. 4900020023





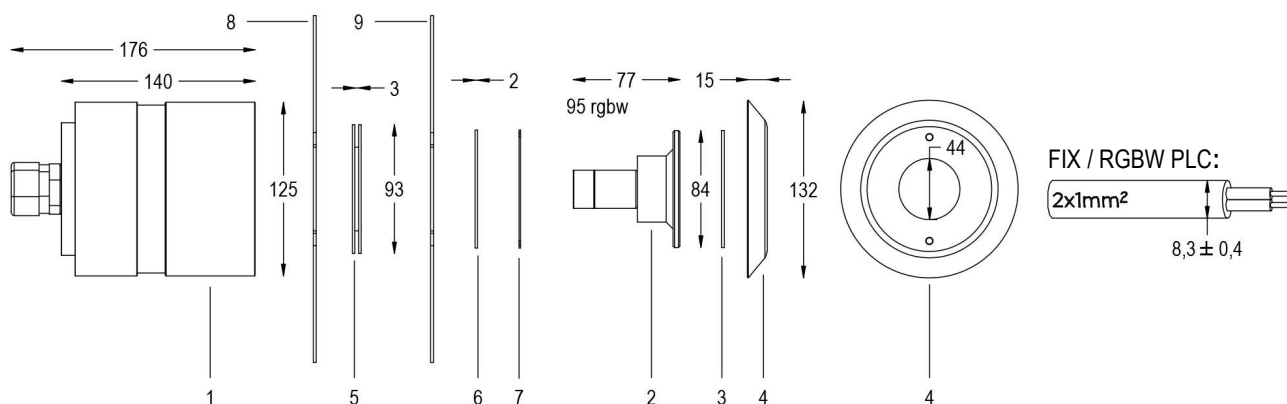
## NICHE AND INOX FLANGE

Fixed colour LED lamp for pool, ideal for small pools, jacuzzi areas and steps. The niche included contains space to collect the cable for maintenance. For panel and reinforced concrete with tiles or pool liner.



- 1 NICHE
- 2 LAMP
- 3 OPTICAL DIFFUSER
- 4 FRONT FLANGE
- 5 SANDWICH GASKET
- 6 LINER FLANGE
- 7 PLEXY SPACER
- 8 PANEL
- 9 POOL LINER

### Technical drawing (mm)



## Accessories



↓



**ASSEMBLY**



STAINLESS STEEL FLANGE NICHE  
Cod. 4900001326

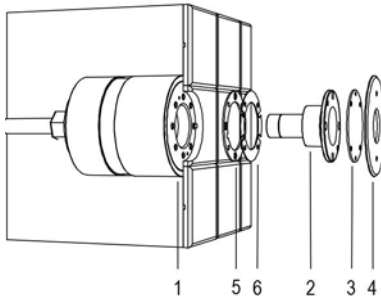


MAGIC SUB<sup>IN</sup>  
NICHE AND INOX FLANGE

- 24 V DC, 36 m, 5 W / 7 VA
- CL III, AISI 316L STEEL, GLASS
- IP 68, 5 - 10

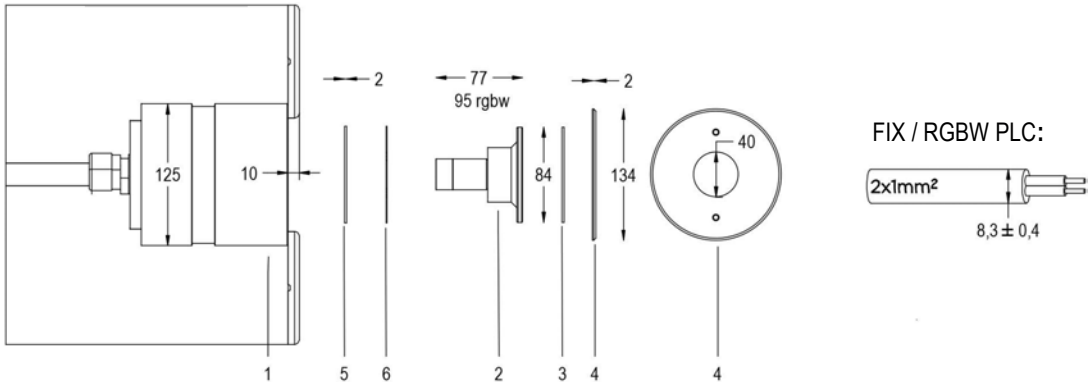
Fixed colour LED lamp for pool, ideal for small pools, jacuzzi areas and steps. The niche included contains space to collect the cable for maintenance. For recess installation in reinforced concrete.

Code	LED colour	Luminous Flux	Beam Angle	€
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER and 4m of CABLE				
7904795393	5000K	790 lumen	16°	-
7904795293	5000K	790 lumen	95°	-
7904795390	3000K	690 lumen	16°	-
7904795290	3000K	690 lumen	95°	-
LAMP WITH STAINLESS STEEL FLANGE, NICHE, DIFFUSER				
2703000039	5000K	790 lumen	16°	-
2703000037	5000K	790 lumen	95°	-
2703000040	3000K	690 lumen	16°	-
2703000038	3000K	690 lumen	95°	-



- 1 NICHE
- 2 LAMP
- 3 OPTICAL DIFFUSER
- 4 FRONT FLANGE
- 5 GASKET
- 6 STAINLESS STEEL SPACER

Technical drawing (mm)



Accessories



24V DC POWER SUPPLY  
120W  
Cod. 0217210028



DRIVER PUSH-DIM DMX  
Cod. 00330053



DRIVER PUSH-DIM DALI  
Cod. 00330054



STAINLESS STEEL FLANGE  
Cod. 4900001226



OPTICAL DIFFUSER  
Cod. 2000002666



CABLE 2 X 1  
Cod. 9003049010



WATERSTOP JOINT IP68  
Cod. 5300788701



MAGIC SUB NICHE  
Cod. 5596000000



TEMPLATE FOR CONCRETE  
Cod. 1700540002



SPACERS KIT  
Cod. 1700540000



NICHE TIGHTENING WRENCH  
Cod. 1700770500



100M CABLE 2X1 REEL  
Cod. 9003050001



ASSEMBLY KIT WITH 4 M  
2X1 CABLE  
Cod. 9003050006



TWO-COMPONENT RESIN  
Cod. 4000370521

**The only limit  
is your imagination.**

# Controllers

A selection of lighting controllers from the best players in the market, that works with the standard DMX-512 and PLC technology. These systems allow users to exploit all the functions of the lamps. The combination of advance technology in these devices along with the creativity of the operators enables the creation of true water spectacles.



PLC TRANSMITTER

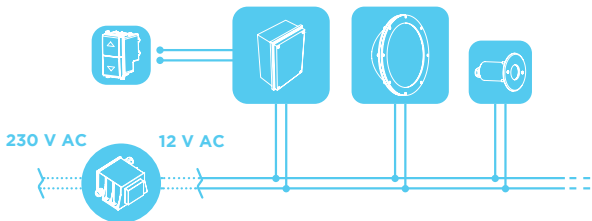


- 12V AC
- 13 FIXED COLOURS
- 10 AUTOMATIC SEQUENCES
- WALL MOUNTING
- W 130 x D 110 x H 57 mm

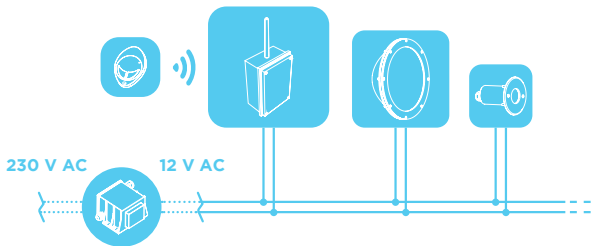
Transmitter box for directional wave lamps. 13 fixed colors and 8 color sequences controllable via remote, external buttons, or DMX signal depending on the model.

Code	Types	€
4493000064	PLC TRANSMITTER WITH BUTTONS	-
4493000004	PLC TRANSMITTER WITH REMOTE CONTROL	-
4493000042	DMX - PLC CONVERTER	-
4493000001	DALI - PLC CONVERTER	-

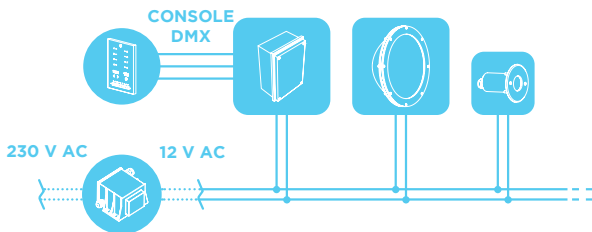
PLC with buttons wiring diagram



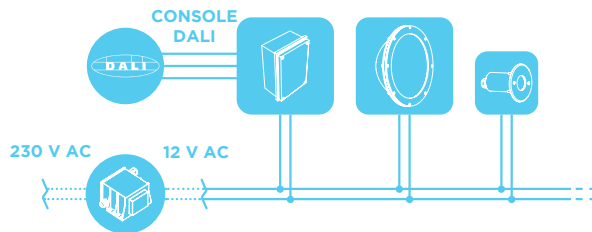
PLC with remote control wiring diagram



PLC with DMX wiring diagram



PLC with DALI wiring diagram



# REMOTE CONTROL FOR PLC

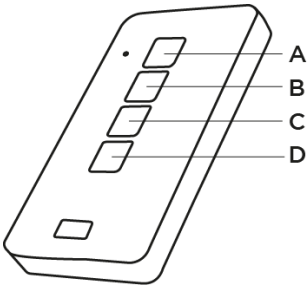


1 x CR2032 1 x CR2032 W 55 x D 35 x H 10 mm

Remote control with 2 channels for PLC transmitter.

Code	€
4400000001	-

## Technical indication



- A BUTTON**  
8 automatic sequences +  
2 Party effect
- B BUTTON**  
12 fixed colours
- C BUTTON**  
Dimmer UP
- D BUTTON**  
Dimmer DOWN

## PLC with buttons wiring diagram

**B BUTTON | Fixed colours**

Blue	Azure	Green	White	Red	Orange	Magenta	Green water	Yellow	Indigo	Warm White	White Neutral	Cold White
------	-------	-------	-------	-----	--------	---------	-------------	--------	--------	------------	---------------	------------

**A BUTTON | Automatic colours**

Fade colours every 8 seconds

Blue	Yellow	Green	Magenta	Azure	G. Water	White
------	--------	-------	---------	-------	----------	-------

Fade colours every 24 seconds

Azure	G. Water	White	Blue	Yellow	Green	Magenta
-------	----------	-------	------	--------	-------	---------

Snap colours every 8 seconds

Green	Magenta	Azure	G. Water	White	Blue	Yellow
-------	---------	-------	----------	-------	------	--------

Snap colours every 24 seconds

White	Blue	Yellow	Green	Magenta	Azure	G. Water
-------	------	--------	-------	---------	-------	----------

Fade colours every 8 seconds

Red	White	G. Water	Yellow	Blue	Orange	Green	Magenta	Azure
-----	-------	----------	--------	------	--------	-------	---------	-------

Snap colours every 8 seconds

Magenta	Azure	Red	White	G. Water	Yellow	Blue	Orange	Green
---------	-------	-----	-------	----------	--------	------	--------	-------

Snap colours every 24 seconds

G. Water	Yellow	Blue	Orange	Green	Magenta	Azure	Red	White
----------	--------	------	--------	-------	---------	-------	-----	-------



# STICK KE2

5-6V DC 2x512 5 WALL MOUNTING  
W 106 x D 145 x H 10 mm

Software to control projectors with DMX512 signal, complete with CD, USB/ETHERNET/DMX interface, touch-sensitive control panel, mini SD card, stand-alone operation with 1024 DMX channels and 5 zones.

Code	€
29091306	-

## Accessories



POWER SUPPLY  
STICK  
Cod. 0201150000

# STICK DE3

5-6V DC 2x512 10 WALL MOUNTING  
W 106 x D 145 x H 10 mm

Software to control projectors with a DMX512 signal, complete with CD, USB/ETHERNET/DMX interface, touch-sensitive control panel, mini SD board, independent operation with 1024 DMX channels and 10 zones.

Code	€
29090306	-

## Accessories



POWER SUPPLY  
STICK  
Cod. 0201150000



DINA

3-6 DC 350 mA 1x512 5 DIN W 106 x D59 x H 91 mm

Software to control projectors with DMX512 signal, complete with CD, USB / DMX interface, mini SD card. Stand Alone Operation.

Code	Types	€
60001306	DINA-DR2 LITE	-

Accessories



12V DC POWER  
SUPPLY FOR DIN  
MOUNTING  
Cod. 0200190029

STICK GU2

5-6V DC 1x128 1 WALL MOUNTING W86 x D 86 x H 11 mm

Software to control projectors with DMX512 signal, complete with installation CD and USB/DMX interface, touch-sensitive control panel, with stand-alone operation.

Code	€
29090106	-

Accessories



POWER SUPPLY  
STICK  
Cod. 0201150000





**A wide range  
of quality.**

# Accessories

The right accessory in a system can make the difference in terms of aesthetic and functional aspects.

A wide range of accessories selected with care complete the supply of material for installation in lamps in swimming pools and fountains.



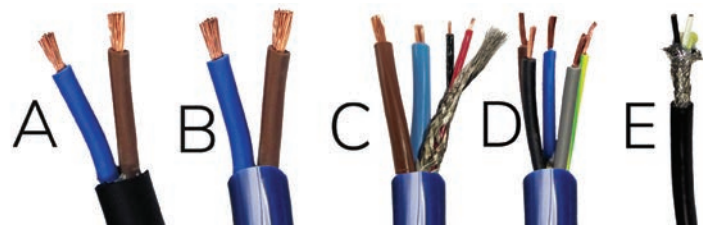


## SPECIAL CABLES

Special cables for electrical connection of lamps. You can order lamps by requesting the length of the installed cable with sizes of 4 m (standard), 8 m, 12 m, 16 m and 20 m. To find out the maximum allowed length according to the lamp model, so that there is no voltage drop, see the product page.

Code	Conductors	Types	Outer diameter	€
9003070012	2 x 2.5 mm <sup>2</sup>	A	11 mm	-
9003079010	2 x 2.5 mm <sup>2</sup>	B	11 mm	-
9003049010	2 x 1 mm <sup>2</sup>	B	8,5 mm	-
9012029010	5 x 0.50 mm <sup>2</sup>	D	8,5 mm	-
9003099010	2 x 4 mm <sup>2</sup> + 2 X 0.5 SCREENED	C	12,5 mm	-
9003029912	2 x 0.5 mm <sup>2</sup> + SCREEN	E	5.6 mm	-

### Technical drawing



## TRANSFORMER IP 65

IP65 safety transformer 230 V AC - 12 V AC, 100 / 500 VA.

Code	V	VA	IP	Dimensions L x P x H mm	Weight	€
0316170011	230 V AC	100VA	IP65	125 x 160 x 90	2.5 kg	-
0321170011	230 V AC	300VA	IP65	140 x 160 x 90	4.1 kg	-
0323170000	230 V AC	500VA	IP65	175 x 190 x 110	8.4 kg	-

### Accessories



3A MAINS  
FILTER FOR PLC  
TRANSMITTER  
Cod. 4493000005

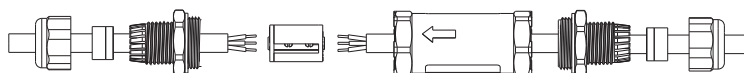


## 5-PIN IP68 JOINT

5-Pin watertight IP68 joint for cable with minimum external diameter 7 mm and maximum 13.5 mm.

Code	€
5395000000	-

### Technical drawing

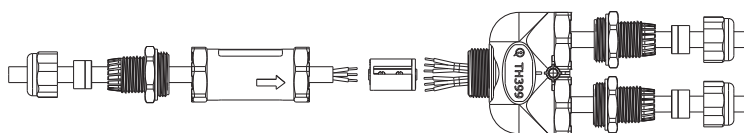


## 5-PIN "Y" IP68 JOINT

3-Way "Y" 5-pin watertight IP68 joint for cable with minimum external diameter 7 mm and maximum 13.5 mm.

Code	€
5395410000	-

### Technical drawing





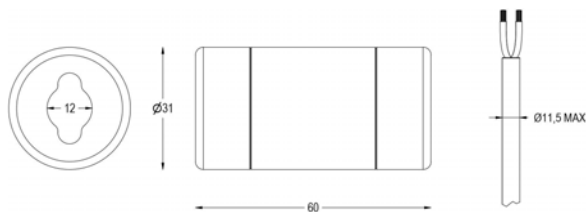


# IP68 WATERSTOP JOINT

2-pin IP68 waterstop joint for underwater cable.

Code	Description	€
5300788701	IP68 WATERSTOP JOINT 2-PIN	-

## Technical drawing



# TWO-COMPONENT RESIN

Resin syringe with mixing nozzle for watertight insulation of lamp contacts.

Code	Description	€
4000370521	TWO- COMPONENT RESIN	-

## Accessories



KIT 10 MIXING SPOUT  
FOR TWO-COMPONENT  
RESIN SYRINGE  
Cod. 4000370621

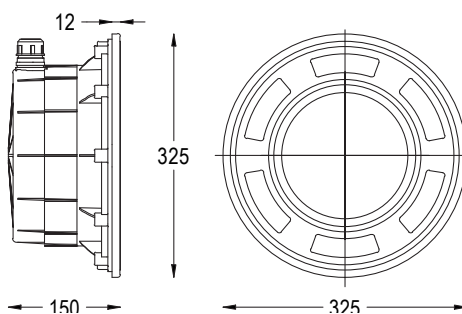


## PROJECTOR EX 300 W

Complete underwater projector for reinforced concrete + PVC and prefabricated + PVC for PAR 56 lamps.

Code	€
0070000009	-

### Technical drawing

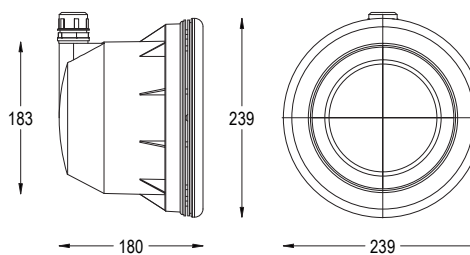


## PROJECTOR EX 100 W

Complete underwater projector for reinforced concrete + PVC and prefabricated + PVC for lamps in the MINI series.

Code	€
0001600009	-

### Technical drawing





## PERLA NICHE

Complete watertight niche for reinforced concrete and prefabricated + PVC for PERLA lamps. With cable gland and space for collecting cable.

Code	Description	€
5500000002	SIDE CABLE OUT	-
5500008702	REAR CABLE OUTPUT	-

### Accessories

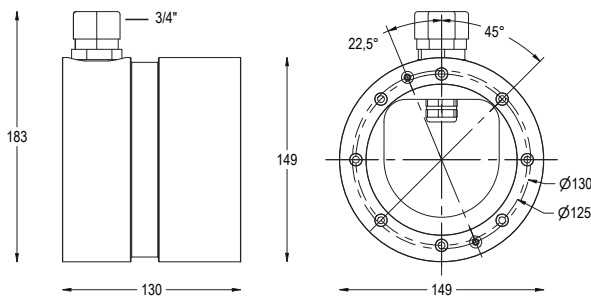


**WRENCH FOR  
TIGHTENING THE  
INTERNAL CABLE  
GLAND OF THE  
NICHE**  
Cod. 1700008763  
€ 22



**FIXING COLLAR  
FOR PERLA  
NICHE ON  
FORMWORK**  
Cod. 3000718763  
€ 94

### Technical drawing



## MINI PERLA NICHE

Complete watertight niche for reinforced concrete and prefabricated + PVC for MINI PERLA lamps. With cable gland and space for collecting cable.

Code	€
5521018700	-

### Accessories

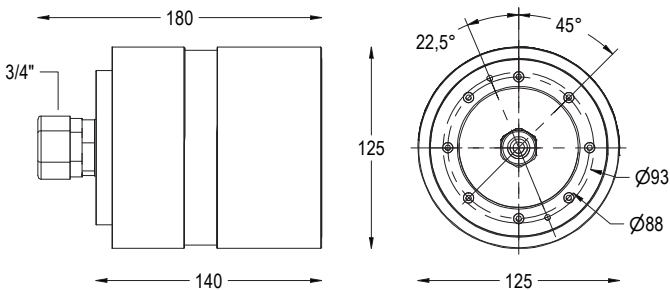


**WRENCH FOR  
TIGHTENING THE  
INTERNAL CABLE  
GLAND OF THE  
NICHE**  
Cod. 1700008763  
€ 22



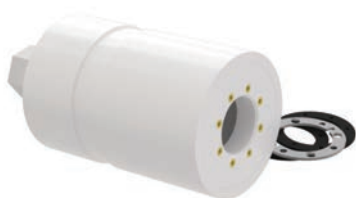
**FIXING COLLAR  
FOR MINI  
PERLA/MAGIC  
SUB NICHE ON  
FORMWORK**  
Cod. 3000728663  
€ 84

### Technical drawing



## MICRO PERLA NICHE

Complete watertight niche for reinforced concrete and prefabricated + PVC for MICRO PERLA lamps. With cable gland and space for collecting cable.



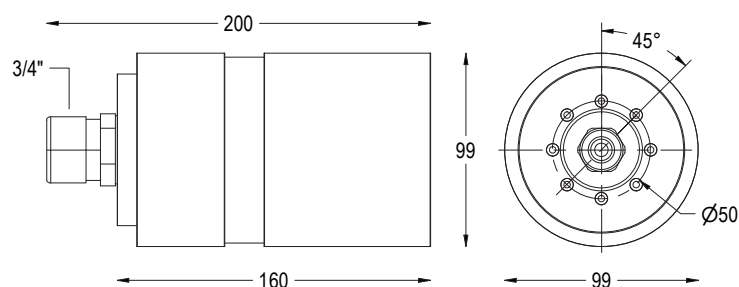
Code	€
5521008700	-

### Accessories



**WRENCH FOR  
TIGHTENING THE  
INTERNAL CABLE  
GLAND OF THE  
NICHE**  
Cod. 1700008763

### Technical drawing



## MAGIC SUB NICHE

Complete watertight niche for reinforced concrete and prefabricated + PVC for MINI SUB lamps. With cable gland and space for collecting cable.



Code	€
5596000000	-

### Accessories

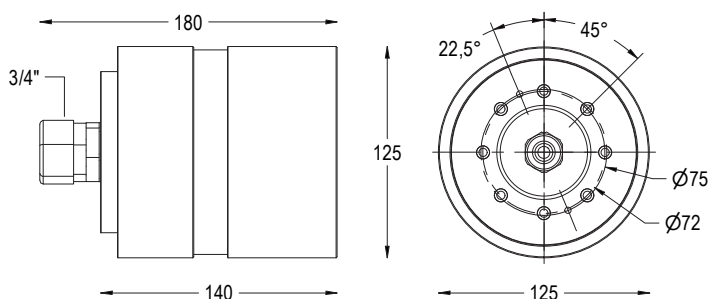


**WRENCH FOR  
TIGHTENING THE  
INTERNAL CABLE  
GLAND OF THE  
NICHE**  
Cod. 1700008763

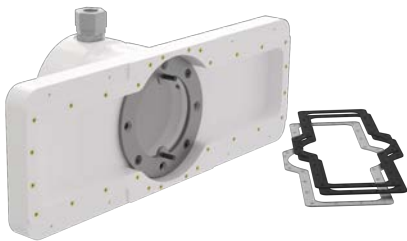


**FIXING COLLAR  
FOR MINI  
PERLA/MAGIC  
SUB NICHE ON  
FORMWORK**  
Cod. 3000728663

### Technical drawing





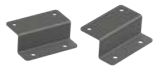


## LINEA NICHE FOR PVC LINER

Complete watertight niche for reinforced concrete and prefabricated + PVC for LINEA lamps. With cable gland and space for collecting cable.

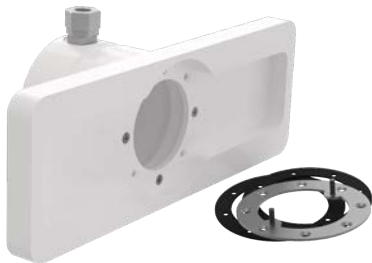
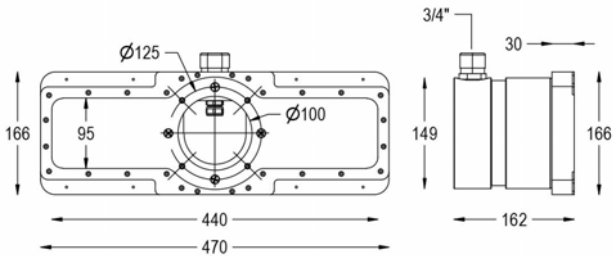
Code	Description	€
5500004504	SIDE CABLE OUT	-

### Accessories



**FIXING COLLAR  
FOR PERLA  
NICHE ON  
FORMWORK**  
Cod. 3000718763

### Technical drawing

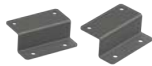


## LINEA NICHE FOR TILES

Complete watertight niche for reinforced concrete and prefabricated + TILES for LINEA lamps. With cable gland and space for collecting cable.

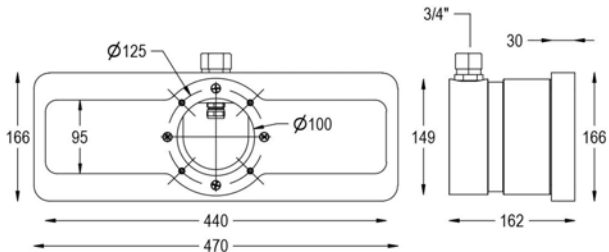
Code	Description	€
5500004503	SIDE CABLE OUT	-

### Accessories



**FIXING COLLAR  
FOR PERLA  
NICHE ON  
FORMWORK**  
Cod. 3000718763

### Technical drawing



## MINI LINEA NICHE FOR PVC LINER



Complete watertight niche for reinforced concrete and prefabricated + PVC for MINI LINEA lamps. With cable gland and space for collecting cable.

Code	€
5500004300	-

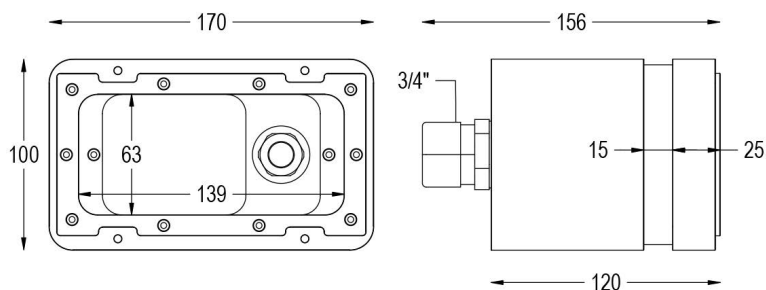
### Accessories



**FIXING COLLAR  
FOR MINI  
LINEA NICHE  
ON FORMWORK**

Cod. 300718863

### Technical drawing



## MINI LINEA IN NICHE FOR TILES



Complete watertight niche for reinforced concrete and prefabricated + TILES for MINI LINEA lamps. With cable gland and space for collecting cable.

Code	€
5500004400	-

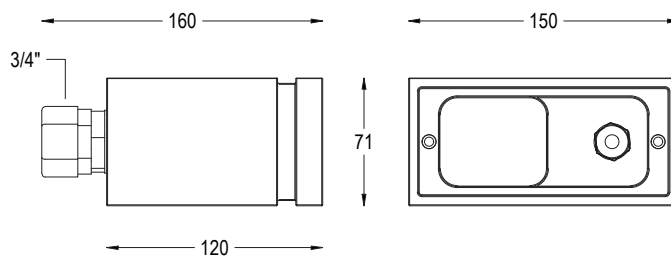
### Accessories



**FIXING COLLAR  
FOR MINI  
LINEA NICHE  
ON FORMWORK**

Cod. 300718863

### Technical drawing





## STAINLESS STEEL PERLA NICHE FOR PVC LINER

Complete watertight niche for reinforced concrete and prefabricated + PVC for PERLA lamps. With cable gland and space for collecting cable.

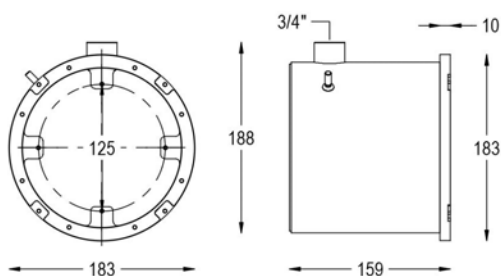
Code	€
5500004508	-

### Accessories



**FIXING COLLAR  
FOR PERLA  
NICHE ON  
FORMWORK**  
Cod. 3000708964

### Technical drawing



## STAINLESS STEEL PERLA NICHE FOR TILES

Complete watertight niche for reinforced concrete and prefabricated + TILES for PERLA lamps. With cable gland and space for collecting cable.

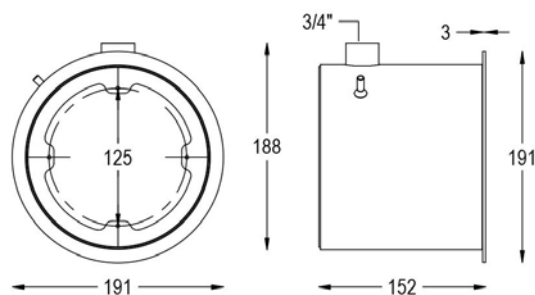
Code	€
5500004505	-

### Accessories



**FIXING COLLAR  
FOR PERLA  
NICHE ON  
FORMWORK**  
Cod. 3000708964

### Technical drawing





## STAINLESS STEEL MINI PERLA NICHE FOR PVC LINER

Complete watertight niche for reinforced concrete and prefabricated + PVC for MINI PERLA lamps. With cable gland and space for collecting cable.

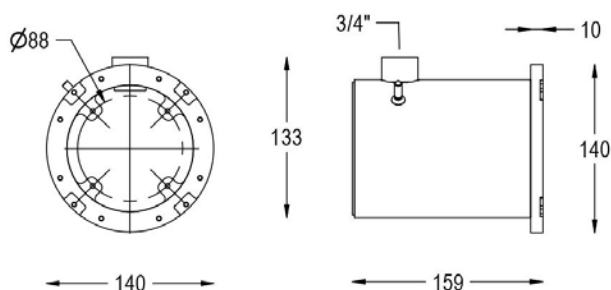
Code	€
5500004509	-

### Accessories



**FIXING COLLAR  
FOR MINI PERLA  
NICHE ON  
FORMWORK**  
Cod. 3000708965

### Technical drawing



## STAINLESS STEEL MINI PERLA NICHE FOR TILES

Complete watertight niche for reinforced concrete and prefabricated + TILES for MINI PERLA lamps. With cable gland and space for collecting cable.

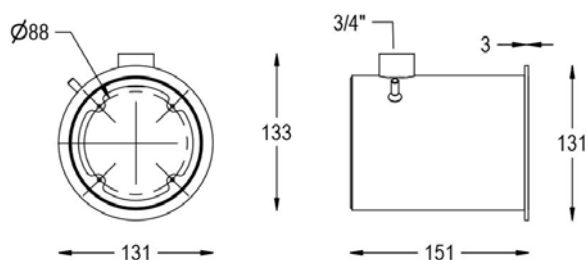
Code	€
5500004506	-

### Accessories



**FIXING COLLAR  
FOR MINI PERLA  
NICHE ON  
FORMWORK**  
Cod. 3000708965

### Technical drawing







## STAINLESS STEEL MAGIC SUB NICHE FOR PVC LINER

Complete watertight niche for reinforced concrete and prefabricated + PVC for MAGIC SUB lamps. With cable gland and space for collecting cable.

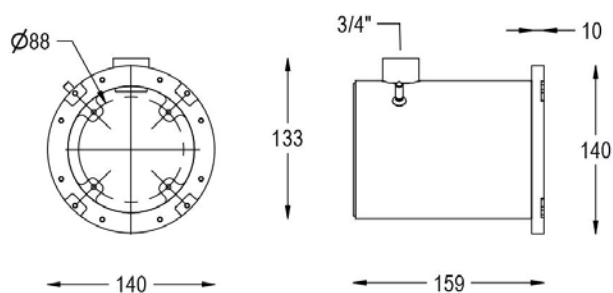
Code	€
5500004510	-

### Accessories



**FIXING COLLAR  
FOR MAGIC SUB  
NICHE ON  
FORMWORK**  
Cod. 3000708965

### Technical drawing



## STAINLESS STEEL MAGIC SUB NICHE FOR TILES

Complete watertight niche for reinforced concrete and prefabricated + TILES for MAGIC SUB lamps. With cable gland and space for collecting cable.

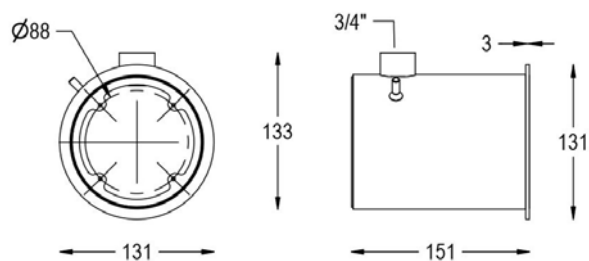
Code	€
5500004507	-

### Accessories



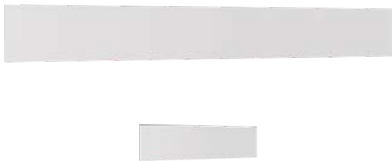
**FIXING COLLAR  
FOR MINI PERLA  
NICHE ON  
FORMWORK**  
Cod. 3000708965

### Technical drawing



## LINEA OPTICAL DIFFUSER

Special diffuser that increases the light output angle of our headlights by eliminating shadow cones



Code	Dimensions L x P x H mm	Types	Thickness
2000010066	395 x 50	LINEA	3 mm
2000002667	100 x 25	MINI LINEA	3 mm

Optical diffuser



With optical diffuser



## ROUND OPTICAL DIFFUSERS

Special diffuser that increases the light output angle of our headlights by eliminating shadow cones



Code	Dimensions L x P x H mm	Types	Thickness
2000590066	Ø 177	PAR 56	3 mm
2000001066	Ø 91	PERLA	2 mm
2000001366	Ø 148	MINI	3 mm
2000002666	Ø 85	MAGIC SUB	3 mm
2000000866	Ø 59	MINI PERLA	2 mm

Optical diffuser



With optical diffuser



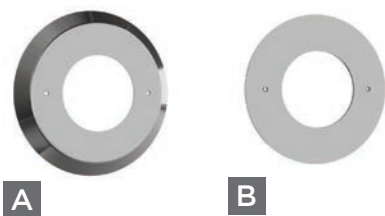


## PERLA FLANGES

Front flanges in polished AISI316L stainless steel and PVC for PERLA lamps, normal version and recessed version in different shapes (IN). \* On request also BLACK.

Code	Dimensions L x P x H mm	Weight	Types	Thickness
4910001626	Ø 192	0.6 kg	A	14 mm
4910001526	Ø 170	0.8 kg	B	2 mm

### Flange - Variants



## PAINTED PERLA FLANGES

AISI316L stainless steel INOX front flanges painted in beige, light gray, anthracite gray, white and black for PERLA lamps.



Code	Dimensions L x P x H mm	Weight	Types	Thickness
4910001627	Ø 192	0.6 kg	A	14 mm
4910001628	Ø 192	0.6 kg	B	14 mm
4910001629	Ø 192	0.6 kg	C	14 mm
4910001631	Ø 192	0.6 kg	D	14 mm
4910001630	Ø 192	0.6 kg	E	14 mm

### Flange - Variants





## MINI PERLA FLANGES

Front flanges in polished AISI316L stainless steel or PVC for MINI PERLA lamps, normal version and recessed version (IN). \* On request also BLACK.

Code	Dimensions L x P x H mm	Weight	Types	Thickness
4930001326	Ø 141	0.3 kg	A	15 mm
4930003826	Ø 134	0.5 kg	B	2 mm

### Flange - Variants



A



B

## PAINTED MINI PERLA FLANGES

AISI316L stainless steel front flanges painted in Beige, Light Gray, Anthracite Gray, White and Black for MINI PERLA lamps.



Code	Dimensions L x P x H mm	Weight	Types	Thickness
4930001327	Ø 141	0.3 kg	A	15 mm
4930001328	Ø 141	0.3 kg	B	15 mm
4930001329	Ø 141	0.3 kg	C	15 mm
4930001331	Ø 141	0.3 kg	D	15 mm
4930001330	Ø 141	0.3 kg	E	15 mm

### Flange - Variants



A



B



C



D



E

## MICRO PERLA FLANGES



Front flanges in polished AISI316L stainless steel or PVC for MICRO PERLA lamps, normal version and recessed version (IN). \* On request also BLACK.

Code	Dimensions L x P x H mm	Weight	Types	Thickness
4940001026	Ø 88	0.2 kg	A	11 mm
4940000926	Ø 75	0.3 kg	B	2 mm

### Flange - Variants



A



B

## PAINTED MICRO PERLA FLANGES

AISI316L stainless steel INOX front flanges painted in beige, light gray, anthracite gray, white and black for MICRO PERLA lamps.



Code	Dimensions L x P x H mm	Weight	Types	Thickness
4940001027	Ø 88	0.2 kg	A	11 mm
4940001028	Ø 88	0.2 kg	B	11 mm
4940001029	Ø 88	0.2 kg	C	11 mm
4940001031	Ø 88	0.2 kg	D	11 mm
4940001030	Ø 88	0.2 kg	E	11 mm

### Flange - Variants



A



B



C



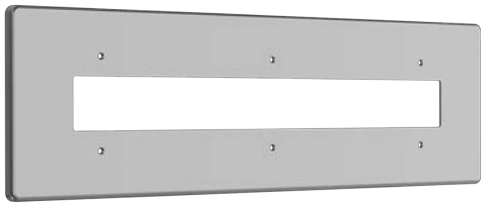
D



E



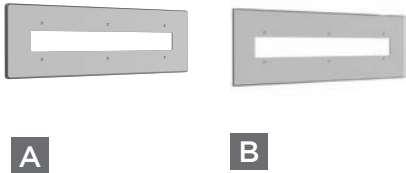
## LINEA FLANGES



Front flanges in polished AISI316L stainless steel (A and C) and in PVC (B) for LINEA lamps for normal version and recessed version (IN). \* On request also BLACK.

Code	Dimensions L x P x H mm	Weight	Types	Thickness
4920002232	482 x 176	0.8 kg	A	24 mm
4920002326	476 x 180	1.6 kg	B	2 mm

### Flange - Variants



A

B

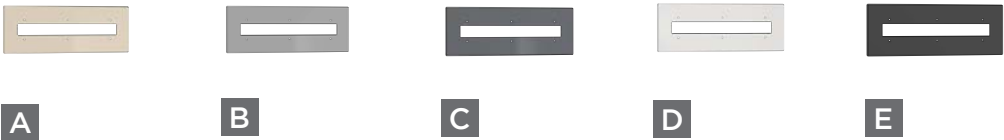
## PAINTED LINEA FLANGES



AISI316L stainless steel INOX front flanges painted in beige, light gray, anthracite gray, white and black for MICRO PERLA lamps.

Code	Dimensions L x P x H mm	Weight	Types	Thickness
4920002227	482 x 176	1.6 kg	A	9 mm
4920002228	476 x 180	1.6 kg	B	9 mm
4920002229	482 x 176	1.6 kg	C	9 mm
4920002330	476 x 180	1.6 kg	D	9 mm
4920002231	476 x 180	1.6 kg	E	9 mm

### Flange - Variants



A

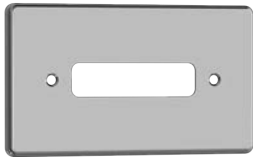
B

C

D

E

## MINI LINEA FLANGES



Polished AISI316L stainless steel front flange for MINI LINEA lamps.  
Available in other colors on request.

Code	Dimensions L x P x H mm	Types
4900010023	200 x 100	A
4900020023	160 x 75	B

### Flange - Variants



A

B

## PAINTED MINI LINEA FLANGES

AISI316L stainless steel INOX front flanges painted in beige, light gray, anthracite gray, white and black for MINI LINEA lamps.



Code	Dimensions L x P x H mm	Weight	Types	Thickness
4900010123	482 x 176	1.6 kg	A	9 mm
4900010223	476 x 180	1.6 kg	B	9 mm
4900010323	482 x 176	1.6 kg	C	9 mm
4900020024	476 x 180	1.6 kg	D	9 mm
4900010423	476 x 180	1.6 kg	E	9 mm

### Flange - Variants



A

B

C

D

E



## MAGIC SUB FLANGES

Front flanges in polished AISI316L stainless steel for MINI SUB spotlights for standard and recessed mountig.

Code	Dimensions L x P x H mm	Weight	Types	Thickness
4900001226	Ø 116	0.2 kg	A	3 mm
4900001326	Ø 130	0.07 kg	B	15 mm

### Flange - Variants



A



B

## PAINTED MAGIC SUB FLANGES

AISI316L stainless steel INOX front flanges painted in Beige, Light Gray, Anthracite Gray, White and Black for MAGIC SUB spotlights with different diameters for niche or nozzle installation.



Code	Dimensions L x P x H mm	Weight	Types	Thickness
4900001327	Ø 130	0.07 kg	A	15 mm
4900001328	Ø 130	0.07 kg	B	15 mm
4900001329	Ø 130	0.07 kg	C	15 mm
4900004832	Ø 130	0.07 kg	D	15 mm
4900001330	Ø 130	0.07 kg	E	15 mm

### Flange - Variants



A



B



C



D



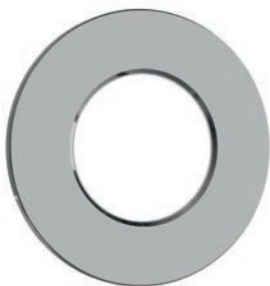
E



## PAR 56 FLANGE

Front flanges in polished AISI316L stainless steel for Par56 underwater projector.  
Replaces the front flange in PVC.

Code	€
48043723 31	-



## MINI FLANGES

Front flanges in polished AISI316L stainless steel for MINI underwater projector.  
Replaces the PVC front flange

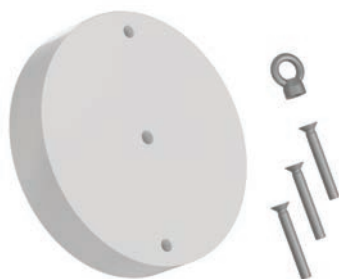
Code	Dimensions L x P x H mm	Weight	Thickness
48045323 03	Ø 242	0.3 kg	17 mm



## SANDWICH GASKETS

Special gasket for mounting niches on steel panels. 1 piece in each package.

Code	Description
1600001100	FOR PERLA AND MAGIC LINEA NICHE
1600001000	FOR MINI PERLA NICHE
1600000090	FOR MAGIC SUB NICHE



## TEMPLATE FOR CONCRETE

Template for the recessed installation of the niches in reinforced concrete. Provided with markings in different sizes, to be used according to the type of finishing.

Code	Description
1700570002	FOR PERLA IN AND MAGIC LINEA IN NICHE
1700550002	FOR MINI PERLA IN NICHE
1700380002	FOR MICRO PERLA IN NICHE
1700540002	FOR MAGIC SUB IN NICHE



## SPACERS KIT FOR IN TYPE INSTALLATION

Shims for use in concrete installations to bring Perla, Mini Perla, Micro Perla, Magic Linea and Magic Sub recessed lamps to the correct size. Each kit includes 4 discs with 5 mm thickness and 1 disc with 3 mm thickness.

Code	Description
1700570000	FOR PERLA IN AND MAGIC LINEA IN NICHE
1700550000	FOR MINI PERLA IN NICHE
1700530000	FOR MICRO PERLA IN NICHE
1700540000	FOR MAGIC SUB IN NICHE



## WRENCH FOR TIGHTENING INTERNAL GLAND OF THE NICHE

Wrench for tightening the internal sealing cable to the niches of Perla, Mini Perla, Micro Perla and Magic Sub.

Code	€
1700008763	-





## NICHE TIGHTENING WRENCH

Wrench for opening and tightening the front part of Teclumen niches.

Code	Description
1700770500	FOR MINI PERLA NICHE
1700770400	FOR MICRO PERLA NICHE



## FRONT FLANGE SCREW KIT

20 screws for 4 different sizes used to attach the front flanges to the lamps. The sizes are: 3x4, 3x6, 3x8, 3x10.

Code	Description
1600778600	FLANGE SCREWS KIT WITH VARIOUS SIZE



## GASKETS KIT

Code	Description	€
1600001305	10 PEARL GASKETS	54
1600001105	10 MINI PEARL GASKETS	50
1600000805	10 MICRO PEARL GASKETS	36
1600001005	10 MAGIC SUB GASKETS	50



## NICHE CABLE GLANDS KIT

Cable gland for inside niche with inserts in two sizes to be used depending on the cable size installed.

Code	Description
1600008700	1 Cable gland with 2 inserts



## Junction box for connecting

Code

4800770002



## TUBO FLEX 25 X 20MM

Code

3000010500

Description

50 m REEL



## FITTINGS KIT FOR GAS 20GG

Code

1600008600

Description

KIT 10 FITTINGS



## FITTINGS KIT FOR PIPES

Code

1600000504

Description

KIT 10 FITTINGS



# INSULATING TWO-COMPONENT GEL

Code

1600008740



# SPECIAL CABLES IN 100 m REEL

Code

9003050002	100 M REEL OF CABLE 2 X 2.5 PBS-POOL BLUE
9003050001	100 M REEL OF CABLE 2 X 1 PBS-POOL BLUE
9003050003	100 M REEL OF CABLE 2 X 2.5 NEOPRENE H07RN8-F



# 24V POWER SUPPLY

Code

0217210028	IP67 24V DC 120W POWER SUPPLY
0221210028	IP67 24V DC 320W POWER SUPPLY

## Accessories



PUSH-DIM DRIVER FOR DIN RAIL DALCNET DLD1248-1CV-DMX	00330053
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PUSH-DIM DRIVER FOR DIN RAIL DALCNET DLD1248-1CV-DALI	00330054
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# ALONG WITH OUR LIGHTS, WE PROVIDE YOU WITH ALL OUR EXPERIENCE.



## **CUSTOMIZATION OF PRODUCTS.**

We offer personalized sizes and designs to meet specific requirements.



## **36-MONTH WARRANTY.**

All our products are covered by a 36-month warranty, ensuring their quality and durability.



## **TRACEABILITY.**

Each product is assigned a unique serial number for easy identification. In case of replacement or addition, Teclumen guarantees that the new products will have the same technical characteristics.



## **FAST DELIVERY TIMES.**

Thanks to our well-stocked warehouse, we can ensure quick delivery of our products.



# SERVICE ABOVE ALL. EVEN AFTER THE SALE.

## PRE-SALES SERVICES:



### ILLUMINATION AND ELECTRICAL DESIGN SUPPORT.

Thanks to our design department, Teclumen provides customers with DIALux projects with renderings that allow them to immediately visualize the final installation result. This also provides installers with a tool to enhance their commercial offerings.

Our company can support customers during the electrical system design phase, providing precise calculations and guidance regarding cable sizing, junction box positions, and electrical panels.



### OUR SUPPORT ALWAYS AVAILABLE.

Our representative and office are at the service of customers, providing clarifications and guidance on technical and commercial support during the purchase process.

## POST-SALES SERVICES:



### TOTAL AVAILABILITY.

A commercial representative is always available to assist with any type of request and provide information.



### QR CODE.

All Teclumen product boxes are equipped with a QR code that allows users to access the product's technical specifications at any time.

This way, the most important installation information is readily available without having to contact customer support.

# GENERAL CONDITIONS OF SALE

## ART. 1 GENERAL

These conditions of sale, which supersede and replace previous conditions, are applicable to all the orders processed and are understood as accepted in their entirety by the buyer on verbal or written order confirmation. Collection of the goods constitutes an implicit order confirmation.

## ART. 2 PRODUCTS

The products are shown in the relevant catalogues and price lists. Small changes in the production and presentation of the product, which do not change the features of the product's use, may be made by our Company without notice and may not be presented as grounds for cancellation of the order by the buyer.

## ART. 3 PRICES

Orders less than € 300.00 (understood as net goods) will not be accepted. All the prices in our price lists are "Franco Casaloldo (MN) Italia", VAT excluded. Discounts: are applied in proportion to the quantities ordered annually and by each order.

## ART. 4 PACKING

For standard packing a cost of 2% of the value of the goods will be charged.

## ART. 5 SHIPPING

If the means of transport is not explicitly stated by the customer, the shipment will be sent by the method we consider most suitable and the buyer may not refuse payment of the shipping costs. Goods travel at the customer's risk and liability even if shipped carriage free. Insurance will be provided only at the specific request and cost of the buyer.

## ART. 6 DELIVERIES

The delivery terms are not binding but only approximate. The buyer will release the seller from all and any liability for damages resulting from delays in delivering the goods. Delay in the delivery of special pieces specifically produced cannot be construed as grounds for cancellation of the order.

## ART. 7 WARRANTY

Our products are covered by a warranty against defects in material or workmanship for which we are responsible, for a period of 36 months from the delivery date. The warranty lapses if:

- a) the product has been used in conditions not indicated by us;
- b) the goods have been modified or tampered with by persons not authorised by our Company.

The warranty covers only the repair or replacement of defective products with the absolute exclusion of any liability arising from damage caused by the use of our products.

N.B.: In the event of repair or replacement at our plant the goods will be shipped at the customer's cost.

## ART. 8 COMPLAINTS

Any complaints must be made within 8 days of delivery of the goods.

## ART. 9 RETURNS

Every return must be authorised beforehand by the sales department that made the sale, by filling out the relevant RMA form. An identity number will be assigned which must be attached to the goods when they are returned.

Goods returned without an identity number will not be accepted. All returns must be shipped carriage free.

## ART. 10 PAYMENTS

Payments must be made to Teclumen s.r.l. Discounts and rounding are not accepted and only the cost incurred will be charged back in the invoice. This amount is VAT exempt pursuant to art. 15/3 of Italian Presidential Decree 633/72. Any late payments will be subject to interest at 1.5% per month in addition to bank charges and any legal fees.

## ART. 11 RETENTION CLAUSE

The goods remain the property of the seller Teclumen s.r.l. Until complete payment for the same in addition to the sums due for shipment, insurance, etc.

## ART. 12 WITHDRAWAL FROM THE CONTRACT

If the customer cancels the order entirely or partially for any reason, a payment of 20% will be required.

## ART. 13 DISPUTES

For any dispute the court of Mantua will have jurisdiction.

## ART. 14 SPECIFICATIONS

The data in this document may be subject to change without notice in order to improve the product or correct any errors.