LUMIPLUS SPOTLIGHTS AND LAMPS

THE WORLD LEADER IN POOL LIGHTING

Underwater and decorative LED lighting solutions for any type of pool.

FLUIDRA

ASTRALPOOL®

GREEN FRIENDLY

AstralPool LumiPlus is the most extensive family in the market of underwater spotlights for public, commercial and residential pools. The entire LumiPlus range is made of high-quality LEDs and electronic components, and is manufactured entirely in the EU to European quality standards.

The most comprehensive range for all pool types

	PUBLIC/HOTEL POOLS		**RESIDENTIAL POOLS**	**STEPS**	**SPAS**
LUMENS →	4,350 lm →		1,485 lm →	315 lm	
	LumiPlus Flexi V2	LumiPlus Design	LumiPlus Flexi V1	LumiPlus Mini	LumiPlus Micro

The LumiPlus family delivers

→ Greater energy efficiency.

→ High performance spotlights with built-in top quality lighting (TQL) technology.

→ Enhanced energy efficiency in a pool thanks to the use of LumiPlus DC lamps and spotlights run from a direct current power source (24 V DC).

→ Unmatched control over all products in the range following the addition of the concept of the Internet of Pools (IoT) by Fluidra Connect.

→ IP68 protection rating.

LumiPlus

The world leader in pool lighting

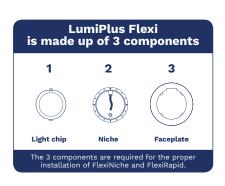LumiPlus has a wide range of products so that you can illuminate your pool whenever and however you want.

Lumiplus Flexi

The LED solution that adapts to all types of pool

NEW

3 AÑOS YEARS GARANTIA GUARANTEE

*

The new family of **LumiPlus Flexi** spotlights, FlexiNiche, FlexiSlim and FlexiRapid, is characterized by its great adaptability to any type of new-build and existing liner or concrete pool and can be fitted in a niche, on the surface or to bushing.

Maximum flexibility with the new LumiPlus Flexi system by AstralPool.

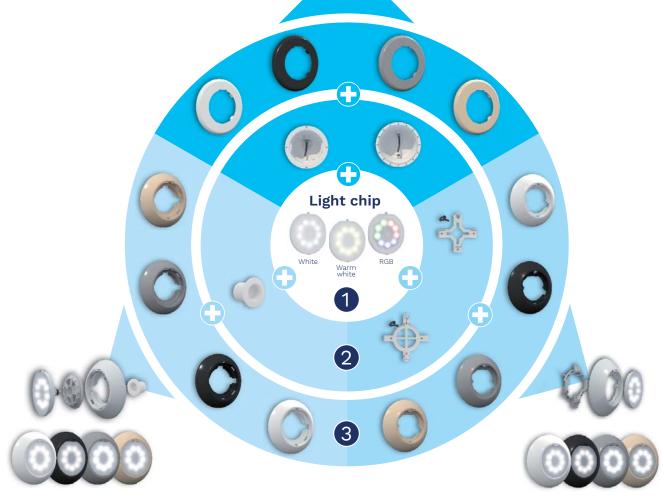Ideal for public/hotel pools and residential pools in version V2 and V1, respectively.

LumiPlus Flexi is made up of 3 components

1	2	3
Light chip	Niche	Faceplate

The 3 components are required for the proper installation of FlexiNiche and FlexiRapid.

LumiPlus FlexiNiche

LumiPlus FlexiSlim

LumiPlus FlexiRapid

* Resistant to salt water

Maximum flexibility for configuring your spotlight

Power pack supplied with FLEXI DC spotlights

FlexiNiche spotlights

Light chip

White

Warm white

RGB

1

2

3

FlexiRapid spotlights

FlexiSlim spotlights

LumiPlus Flexi

The easiest way of illuminating or renewing your pool's lighting.

Compatible with liner and concrete pools.

Niche

	V1 RESIDENTIAL White 1,485 lm/RGB 1,100 lm		V2 PUBLIC/HOTEL White 4,320 lm/RGB 2,544 lm		V1 RESIDENTIAL White 1,485 lm/RGB 1
1 Select color of light	White 16 W / Warm white 16 W / RGB 22 W / Wireless 22 W	White 14 W / Warm white 14 W	RGB 43 W / RGB-DMX 43 W	White 32 W / Warm white 32 W	White 16 W / Warm white 16 W / RGB 22 W / Wireless 22 W
	V1 – AC (alternating current)	**V1 – DC** (direct current)	**V2 – AC** (alternating current)	**V2 – DC** (direct current)	**V1 – AC** (alternating current)

2 Select a model according to the type of installation

Ø230 mm models

Ø180 mm models

Compatible with on Flat, Extra Flat spotlights by

3 Select faceplate color

Flexi Niche

WHITE   ANTHRACITE GRAY   LIGHT GRAY   BEIGE

Flexi Slim

Power pack supplied with FLEXI DC spotlights

Walls

Bushing

	V2 PUBLIC/HOTEL White 4,320 lm/RGB 2,544 lm		V1 RESIDENTIAL White 1,485 lm/RGB 1,100 lm	V2 PUBLIC/HOTEL White 4,320 lm/RGB 2,544 lm	

,100 lm

V2 PUBLIC/HOTEL
White 4,320 lm/RGB 2,544 lm

RGB 43 W
RGB-DMX 43 W

White 32 W
Warm white 32 W

V1 RESIDENTIAL
White 1,485 lm/RGB 1,100 lm

White 45 W
Warm white 32 W
RGB 22 W
Wireless 22 W

White 14 W
Warm white 32 W

V2 PUBLIC/HOTEL
White 4,320 lm/RGB 2,544 lm

RGB 43 W
RGB-DMX 43 W

White 32 W
Warm white 32 W

– DC (current)

V2 – AC (alternating current)

V2 – DC (direct current)

V1 – AC (alternating current)

V1 – DC (direct current)

V2 – AC (alternating current)

V2 – DC (direct current)

the brackets and Slim AstralPool

FlexiSlim adapter for new-build pools

Any bushing with 1"1/2 internal thread

WHITE ANTHRACITE GRAY LIGHT GRAY BEIGE

Flexi Rapid

WHITE ANTHRACITE GRAY LIGHT GRAY BEIGE

All light chips come with a 2.5 m power cable. Cables of 5, 10 and15 m can be obtained separately.
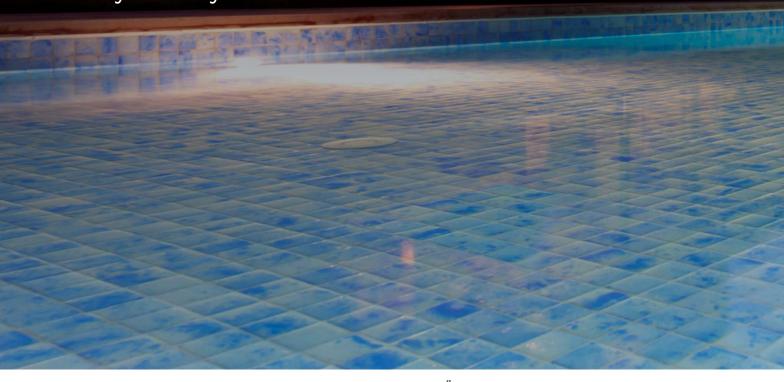
RGB

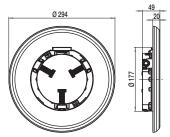Compatible with Fluidra Connect

LumiPlus Flexi

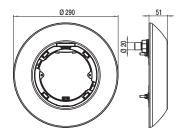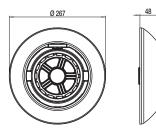## Maximum flexibility with the new LumiPlus Flexi system by AstralPool

LumiPlus Flexi light chip

LumiPlus FlexiNiche

LumiPlus FlexiSlim

LumiPlus FlexiRapid

LumiPlus Flexi LED configurator

https://www.astralpool.com/configurador-led-lumiplus-flexi/

Control systems

The RGB model is compatible with the following control systems: LumiPlus Eco, LumiPlus Wireless, the LumiPlus LED app and LumiPlus Modbus Fluidra Connect.

Installation
Scan the QR code and follow the instructions.

LumiPlus FlexiNiche

LumiPlus FlexiSlim

LumiPlus FlexiRapid

Tips: *To correctly light a pool, it is advisable to install a LumiPlus Flexi V1 for every 20 m ² of water surface and for every 25 m ² in the case of the V2 version. The spotlights should always be installed completely submerged in water.*

Components required to install a LumiPlus Flexi - choose the components according to your requirements

-New-build pool – FlexiNiche or FlexiRapid version: 1+2+3
-New-build pool – FlexiSlim version: 1+3
      -Upgrade without change of niche: 1+3

1 — LIGHT CHIP

LIGHT CHIP	Code V1	Code V2
LumiPlus Flexo white AC light chip	71200	
LumiPlus Flexo warm white AC light chip	71200WW	
LumiPlus Flexo white DC light chip	71201	71202
LumiPlus Flexo warm white DC light chip	71201WW	71202WW
LumiPlus Flexo RGB AC light chip*	71203	71204
LumiPlus Flexo RGB wireless AC light chip*	71205	
LumiPlus Flexo RGB wireless AC light chip (1 LC + 1 Control Motion)	71206	
LumiPlus Flexo RGB wireless AC light chip (2 LC + 1 Control Motion)	71207	
LumiPlus Flexo RGB RGB DMX AC light chip*		71208

All spotlights come with a 2.5 m power cable. Power cables of 5m, 10 m and 15 m available on request.
* Choose the most suitable remote control (see control systems section).

2 — NICHE

NICHE	Code
Ø230 NICHE	
Niche for concrete pools	00349
Niche for prefabricated pools with inserts	00364
Niche for prefabricated pools without inserts	28887
Niche for panel pools with inserts	23671
Niche for panel pools without inserts	23670
RAPID INLET	
Inlet for concrete pools with 1 1/2" threaded Ø63 PN-6 piping	35418
Inlet for concrete pools with 1 1/2" threaded Ø63 PN-10 piping	35421
Inlet for liner prefabricated pools with 1 1/2" thread	27084
Inlet for polyester prefabricated pools	38805

Other Ø230 and Ø180 niches also available (see catalog).

3 — FACEPLATE

FACEPLATE	Code
NICHE Ø230 - Ø180	
White	71209
Beige	71209CL090
Light gray	71209CL129
Anthracite gray	71209CL144
SLIM	
White	71210
Beige	71210CL090
Light gray	71210CL129
Anthracite gray	71210CL144
RAPID	
White	71211
Beige	71211CL090
Light gray	71211CL129
Anthracite gray	71211CL144

ASSEMBLY WITH WHITE FACEPLATE + WHITE LIGHT CHIP	Code WHITE DC	Code WHITE DC
Assembly with white faceplate + white Flexiniche light chip	71212	71213
Assembly with white faceplate + white Flexislim light chip	71214	71215
Assembly with white faceplate + white Flexirapid light chip	71216	71217

AC - Alternating current   DC - Direct current
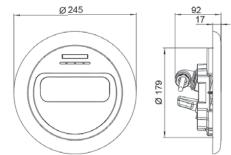
LumiPlus Design
A perfect finish

Available in two finishes, pure white or stainless steel effect, its design blends in perfectly with any pool environment.

LumiPlus Design spotlights are set at an angle of 14º to better light up a pool floor and reduce outdoor light pollution.

LumiPlus Design spotlights improve luminous efficacy (lm/W) by around 40% in comparison with the main LED solutions in the market.

	WHITE		RGB		RGB DMX	
Faceplate	White	Stainless steel effect	White	Stainless steel effect	White	Stainless steel effect
Code	59807	59805	59803	59801	59811	59809
Consumption	45 W (50 VA)		40 W (55 VA)		40 W (55 VA)	
Luminous flux	4,320 lm		2,544 lm		2,544 lm	

Colors available: Warm white

Tips: To correctly light a pool it is advisable to install a lamp from the LumiPlus range for every 25 m² of water surface. The spotlights are not supplied with a niche, so a a suitable niche must be selected for full spotlight assembly. The spotlights should always be installed completely submerged in water. The spotlight is not supplied with a niche. Only compatible with a ø180 mm niche.

Control systems

The RGB model is compatible with the following control systems: LumiPlus Eco, the LumiPlus LED app, LumiPlus Modbus Fluidra Connect and LumiPlus TOP.

*Resistant to salt water.

LumiPlus PAR56

The efficient solution for upgrading your pool to LED lighting

Power pack supplied with PAR 56 DC spotlights and white lamps.
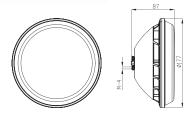
LumiPlus lamps deliver a lighting performance up to three times higher and greater energy efficiency than those currently available in the market.

Their enhanced luminous flux and optical efficiency will bring out the best in any facility.

Thanks to their technology, light can be evenly distributed across a pool. LED white light lamps are ideal for replacing PAR56 300 W halogen lamps as they save over 90% in power consumption and have a service life of up to 100 times longer than a PAR56 halogen lamp.

87
ø177
M-4

* DC model measurements

	WHITE - DC		RGB	
Version	V1	V2	V1	V2
Code	67515	67516	56001	43411
Consumption	14W (14 VA)	32 W (32 VA)	22W (29 VA)	43W (54 VA)
Luminous flux	1,485 lm	4,320 lm	1,100 lm	2,544 lm
Colors available	Warm white			

How to change your lamp
Scan the QR code and follow the instructions.

Control systems
The RGB model is compatible with the following control systems: LumiPlus Eco, LumiPlus Wireless, the LumiPlus LED app, LumiPlus Modbus Fluidra Connect and LumiPlus TOP.

Tips: To correctly light a pool it is advisable to install a LumiPlus PAR56 V1 for every 20 m² of water surface and for every 25 m² in the case of the V2 version. The lamps do not include a cable. Must always be submerged in water.

*Resistant to salt water.

LumiPlus PAR56
The stainless steel solution

Range of projectors made entirely of AISI-316 stainless steel with LED lamps. Supplied with a 2.5 m cable with a PG16 thread and PG16 to M25 converter.

Lamp assembly fastened to the niche using screws.

For full projector assembly, the niche must be purchased separately.

	WHITE Ø250 mm faceplate		RGB	
Version	V1	V2	V1	V2
Code	54095	54093	54094	54092
Consumption	16W (24 VA)	58W (60 VA)	27 W (37 VA)	48 W (64 VA)
Luminous flux	1,485 lm	4,320 lm	1,100 lm	2,544 lm
Colors available	Red, Green, Blue, Neutral White and Warm White			

* Also available 295 mm in diameter.
Niche to be purchased separately for all models.

Control systems
The RGB model is compatible with the following control systems: LumiPlus Eco, LumiPlus Top, the LumiPlus LED app and LumiPlus Modbus.
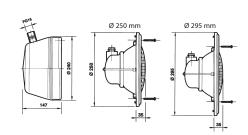
Tips: *To correctly light a pool it is advisable to install a LumiPlus PAR56 V1 for every 20 m² of water surface and for every 25 m² in the case of the V2 version. The lamps do not include a cable. Must always be submerged in water.*

LumiPlus Mini and Micro
Ideal for small spaces

New range of mini and micro LED spotlights with greater light intensity, of higher quality and better energy efficiency.

Their design now makes for a more seamless fit in pools and they are easier to install than ever before.

Suitable for installation in steps, bushings, niches and spas.

	MINI V3 – MINI V2				MICRO			
Light	**WHITE**		**RGB**		**WHITE**		**RGB**	
Faceplate	White	Stainless steel	White	Stainless steel	White	Stainless steel	White	Stainless steel
Consumption	4 W (6 VA)		4 W (6 VA)		6 W (9 VA)		4 W (4 VA)	
Luminous flux	315 lm		186 lm		315 lm		186 lm	

The faceplate for Mini V3 spotlights is in a stainless steel effect.
The faceplate for Mini V2 and Micro spotlights is made of 396 stainless steel.

Control systems

The RGB model is compatible with the following control systems: LumiPlus Eco, the LumiPlus LED app, LumiPlus Modbus Fluidra Connect and LumiPlus TOP.

Resistant to salt water. Check version.

LumiPlus
Control systems

SYSTEM		CODE	DESCRIPTION	SPOTLIGHTS
LumiPlus RGB ECO		32458	**The simplest and most inexpensive color change system.** LumiPlus ECO is a push-button switch that has 14 operating modes: 7 fixed colors and 7 different color sequences. Each time the push button is pressed, the color or sequence will change. By pressing for several seconds, the light is white. The push button must be sized to withstand the power consumed by the number of lamps in a pool. Maximum charge of 700 VA. Must be connected in the transformer's primary winding.	Any LumiPlus RGB spotlight.
LumiPlus WIRELESS	**LumiPlus Motion Control**	59125	**CONTROL of color changes in your hands.** The LumiPlus Control Motion remote control enables wireless spotlight control with direct on/off options, 12 color changes, 8 sequence changes and their speed. In addition, it is sensitive to movement so that colors and sequences can be turned on by moving it vertically or horizontally. This device is only compatible with LumiPlus wireless spotlights. It can control two wireless spotlights.	PAR56 V1 RGB Wireless, S-Lim V1 RGB Wireless, Rapid V1 RGB Wireless spotlights
	LumiPlus Wireless Range Extender	64633	It amplifies the signal that LumiPlus Control Motion sends to the spotlights using the wireless control system. Ideal for facilities whose architectural features or spotlight installation makes it hard for the LumiPlus Control Motion signal to reach the wireless spotlights properly.	
LumiPlus RGB TOP		27818 + 41988	**The LumiPlus TOP system for the remote control of pool color changes.** System comprising the modulator (code 27818) and remote control (code 41988) that enables the control of a large number of spotlights. The modulator has an antenna with a range of 50 meters able to receive signals from the remote control, which must be purchased separately. The LumiPlus TOP system makes it possible to: • Switch spotlights on and off. • Select colors: 12 standard colors available. • Select sequences: 8 sequences available. • Select the speed of sequences: 8 speeds available. They are supplied separately. A total of 10 LumiPlus modulators can be synchronized.	Any LumiPlus RGB spotlight.
LumiPlus LED app **LumiPlus Wi-Fi**	**Existing**	59131	**Control your pool's lighting from your smartphone.** App for controlling LumiPlus lamps and spotlights from an Android or iOS smartphone or tablet. If your pool has a LumiPlus modulator (code 27818), you can control your LumiPlus lamps or spotlights from your smartphone or tablet by just installing the LumiPlus Wi-Fi access point together with the modulator. The LumiPlus LED app should only be installed as an additional feature to the LumiPlus modulator. It has a range of 12 colors and 8 sequences of color changes. Free app that can be downloaded from the following addresses according to operating system. Apple: www.lumiplusled-ios.astralpool.com Android: www.lumiplusled-android.astralpool.com	To control any LumiPlus RGB spotlight
	New	59132		

Available for:

SYSTEM		CODE	DESCRIPTION	SPOTLIGHTS
LumiPlus Modbus FLUIDRA CONNECT	Existing	57434	**Control your pool lighting anywhere, anytime.** The Modbus protocol enables the control of the LumiPlus modulator. It can be used to switch the spotlights on and off, change their colors and sequence speed, and set the time for putting the spotlights in sleep mode. Download the Fluidra Connect app for instant information about the state of your pool 365 days a year. Fluidra Direct means peace of mind, comfort and entertainment. In addition to controlling spotlights, LumiPlus lets you control your pool's filtration, water treatment, etc. through the Modbus protocol. The LumiPlus Modbus should only be installed as an additional feature to the LumiPlus modulator (code 27818) for correct installation and operation.	Can control any LumiPlus spotlight
	New	57435		
LumiPlus RGB DMX	RGB DMX Modulator	41107	**System for preparing lighting scenes for fountains and large aquatic spaces** DMX modulator for LED spotlights/12 V AC • DMX receiver for the range of PAR56, S-LIM and Design spotlights. • It decodes the commands received from the DMX controller and makes the spotlights work accordingly. Operates at 12V AC.	Can control any LumiPlus spotlight RGB-DMX
	RGB-DMX power pack	52142	Product designed exclusively for use with V2 and V3 Mini LED and RGB DMX Micro spotlights. The power pack can control up to 9 spotlights. It receives commands from the system's DMX controller (Astral DMX 41329 or Astral DMX Pro 41330) via the DMX bus and makes the spotlights that are connected work. The power pack has been designed to be used solely with DMX protocol and 24 V DC DMX controllable components by AstralPool.	
	DMX Controller	41329	System that makes it possible to single out lights individually or by groups. Total control for fountain lighting from a PC or through a programmable, stand-alone module. It comprises the Astral DMX module (USB-DMX interface) and intuitive software, which together give users full control over a single spotlight or a group of spotlights. Any particular color can be chosen from among more than 16 million colors. The system is an ideal solution for creating displays that almost last forever with spectacular results. Advantages and benefits of this system: • Very accurate (and coordinated) control over lighting (light and intensity).	
	DMX PRO controller	41330	• Can handle many units that run separately or in combination with each other. • Great versatility for creating sequences. • The AstralPool DMX system does not require any additional wiring on spotlights with PAR 56 lamps.	

Fluidra Connect

Comprehensive solution for the control of all pool settings wherever you are

FLUIDRA

For further information:
www.astralpool.com

FLUIDRA S.A.
www.fluidra.com